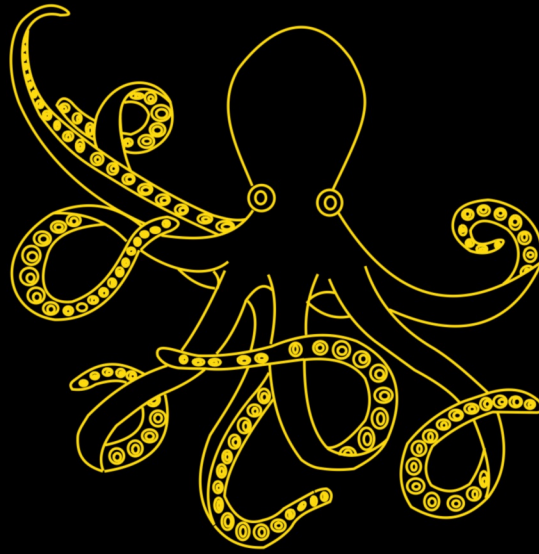




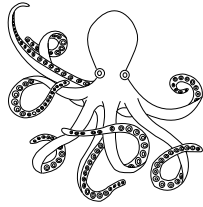
Diving & ROV **specialists**



Index for document research::

Scientific papers and books

December 2025



Diving & ROV Specialists

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Purpose

This document lists the "**Scientific Papers**" archived in the relevant section of the "Diving and ROV Specialists" website database.

Its purpose is to serve as a supplementary resource for research to the chronological list and search engine capabilities. For this reason, the various documents are categorized under the following sub-sections:

- Barotraumas
- Cardio-Respiratory
- Decompression
- Gasses
- Thermal
- Various (*Documents that discuss topics other than those mentioned above*)

Categorizations will be refined over time. However, it is impractical to provide search engines and classifications that fully reflect researchers' preferences. Therefore, it is hoped that these three search methods will enable you to find the documents you seek.

Unlike the website's chronological index, this document does not include descriptions of the content of the various papers. However, the chronological classification number, authors' names, and publication dates are available, allowing you to locate them in the chronological lists where the descriptions and download links are provided.

This list was published on 1 September 2024. Please note that new documents added for this edition of the website are listed for each main section on the home page of the website.



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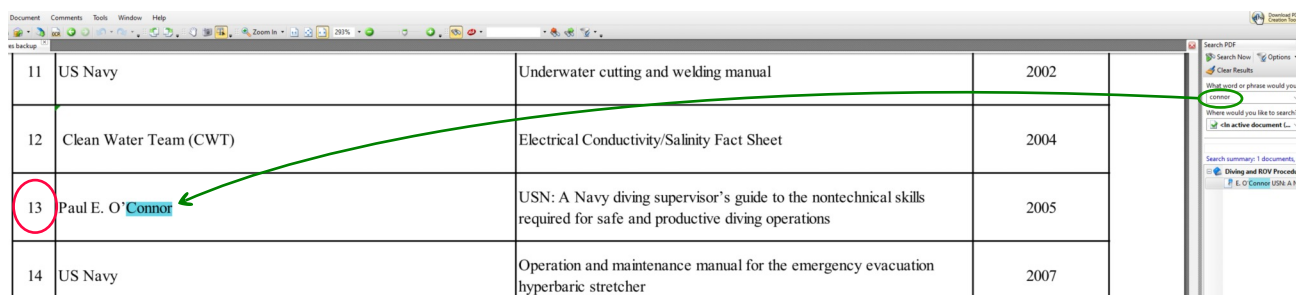
Important note:

This document is in PDF (Portable Document Format), so it can be downloaded and used independently of the website. It is also worth noting that some PDF readers come with a built-in search engine. This feature allows users to locate specific documents by entering relevant keywords, making document retrieval more efficient and convenient. It is, therefore, possible to find the desired document by browsing the list or by using the aforementioned search engine. Among the many free PDF readers available on the Internet, the four listed below include the aforementioned search engine:

- WPS Office (<https://www.wps.com/>) - Works on Windows, Mac OS, and Linux
- PDF X Change Viewer (<https://pdf-xchange.eu/pdf-xchange-editor/index.htm>) - Works on Windows and Mac OS.
- Foxit Reader (<https://www.foxit.com/pdf-reader/>) - Works on Windows, Linux , and Mac OS
- Adobe Acrobat Reader (<https://get.adobe.com/reader/>) - Works on Windows and Mac Os.

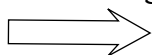
To locate a document within the chronological presentation of the database:

1. Follow the list and select the desired document, or use the search function of the PDF software by entering the keyword in the dedicated field. In this example, the author's name (Paul E. O'Connor) has been used.



11	US Navy	Underwater cutting and welding manual	2002
12	Clean Water Team (CWT)	Electrical Conductivity/Salinity Fact Sheet	2004
13	Paul E. O'Connor	USN: A Navy diving supervisor's guide to the nontechnical skills required for safe and productive diving operations	2005
14	US Navy	Operation and maintenance manual for the emergency evacuation hyperbaric stretcher	2007

2. Select the reference number (highlighted in red) and the year of publication (2005 in this example).
3. On the website, open the corresponding section and year of publication in the database (accessible via "Documents" in the navigation bar).



Diving & ROV procedures and standards

This section provides currently enforced diving standards and guidelines adopted by national bodies or published by professional organizations. It also includes procedures published by highly skilled independent authors that can serve as references. Links are provided to organizations that publish paid documents frequently used or imposed on contractors.
Note that we believe that every standard or norm imposed on contractors should be available free of charge.

Diving & ROV procedures

- Documents years 2019 to today

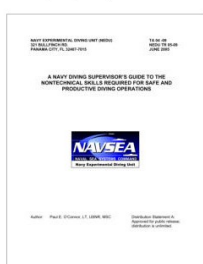
- Documents years 1980 to 2018

Historical

This section provides historical standards and procedures that have been used in the past.

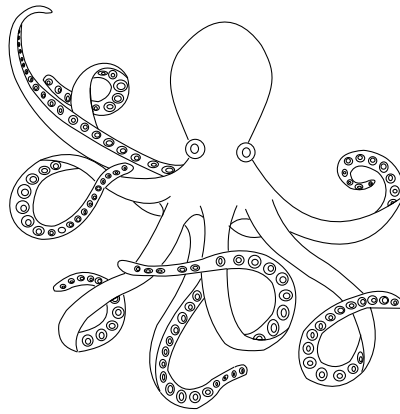
4. Scroll down to find the corresponding number, title, and author's name in the chronological list. Click on the picture or the description, and enjoy.

13 - USN: A Navy diving supervisor's guide to the nontechnical skills required for safe and productive diving operations



Author: Paul E O'Connor
The purposes of this guide are to provide information on the nontechnical skills required for safe and productive operations by U.S. Navy dive teams. Nontechnical skills are required for safe and effective performance in a technical context but are not directly related to technical expertise. The nontechnical skills addressed in this guide include situation awareness, decision making, team working/leadership, and mitigating the effects of stress and fatigue. Communication is not included as a separate topic since it underpins every one of these skills.
Reference USN: NEDU TR 05-09
Date: June 2005

Barotraumas

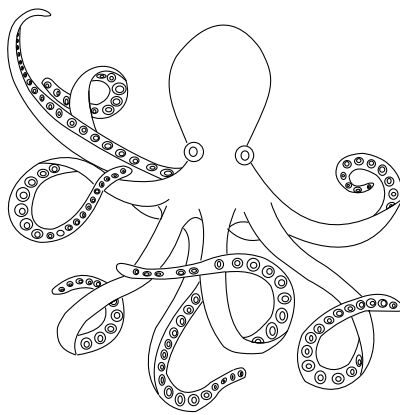


<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
Early times to 1959			
8	Edme Mariotte	Oeuvres de Marriotte	1740
1960 - 1975			
33	Joseph C. Farmer jr	Labyrinthine dysfunction during diving	1974
1976 - 1979			
17	Banks Anderson, Joseph C. Farmer	Hyperoxic Myopia	1978-06
1980 to 1985			
7	Kenneth W. Kizer	Gastrointestinal Barotrauma	1981-05
43	Brumon Kiernikowicz, Stefan Teresinky	Cerebral gas embolism in the course of mildly symptomatic pulmonary barotrauma in a scuba diver	1984
52	O.I. Molvaer, E.H. Lehmann	Hearing acuity in professional divers	1985
53	C. Edmons	Hearing loss with frequent diving (deaf divers)	1985
1990 - 1995			
59	F. M.N.H. Schramel, A.R.J. Van Keimpena, J. P. Janssen, R. P. Golding, & P. E. Postmus	Pulmonary function of patients with spontaneous pneumothorax in relation to the extent of emphysema-like changes	1995
60	Lawrence W. Raymond	Pulmonary Barotrauma and Related Events in Divers	1995
1996 - 1998			
29	J D Hunter, C A Roobottom, Ph Bryson, C Brown	Conservative management of gastric rupture following scuba diving	1997-09
2000 - 2002			
31	Vibeke Nossun, Atrid Hjelde, Alf O Brubakk	Small amounts of venous gas embolism cause delayed impairment of endothelial function and increase polymorphonuclear neutrophil infiltration	2001-11
52	S.E. Mawle, & C.A. Jackson	An investigation of ear trauma in divers, including ear barotrauma and ear infection	2002
2009			
39	John A. S. Ross, Jennifer I. Macdiarmid, Finlay D. Dick and Stephen J. Watt	Hearing symptoms and audiometry in professional divers and offshore workers	2009-11
2012			
2	Robert P. Weenink, Markus W. Hollmann, Robert A. van Hulst	Animal models of cerebral arterial gas embolism.	2011-08
17	Emmanuel Gempp, Guillaume Lacroix, Jean-Marie Courmac, and Pierre Louge	Severe capillary leak syndrome after inner ear decompression sickness in a recreational scuba diver.	2012-05
38	J Bunni , PJ Bryson, SM Higgs	Abdominal compartment syndrome caused by tension pneumoperitoneum in a scuba diver.	2012-11
2013			
26	Cristina Zanotta, Dorothea Dagassan, Peter Nussberger, Tuomas Waltimo, Andrea Filippi	Barodontalgias, dental and orofacial barotraumas	2013-08

2015			
31	Martyna Krukowska, Katarzyna Jańczuk, Anna Ślifirczyk, & Marta Kowalenko	Pulmonary barotrauma in divers vs procedures initiated by medical personnel.	2015
2016			
19	Bengüsu Mirasoglu, Aslıcan Cakkalkurt, Maide Cimsit	Symptomatic middle ear and cranial sinus Barotraumas as a complication of hyperbaric oxygen treatment	2016
22	Ruben Vandenbulcke, Bartel van Holsbeeck, Ilse Crevits, & Jesse Marrannes	Frontal Sinus Barotrauma	2016
2017			
22	Sara Farshchi Zarabi, Matteo Parotto, Rita Katznelson, & James Downar	Massive Ischemic Stroke Due to Pulmonary Barotrauma and Cerebral Artery Air Embolism During Commercial Air Travel	2017
2018			
49	Pierre Lafère, Peter Germonpré, François Guerrero, Alessandro Marroni, & Costantino Balestra	Decreased Incidence of Pulmonary Barotrauma After discontinuation of Emergency Free Ascent Training	2018
2020 - Part A			
1	Rasads Misirovs, and Shwan Mohamad	Reverse Squeeze Maxillary Sinus Barotrauma	2020-01
26	Brunon Kierznikowicz, Władysław Wolański, & Romuald Olszański	Pulmonary barotrauma during hypoxia in a diver while underwater	2020
27	Jakub Tlapák, Boris Onišenko, Petr Došel, Pavel Požár, & 2 scientists	Rare pulmonary barotrauma after explosive decompression: a case report	2020
2020 - Part B			
3	Adam E Howard, Peter Buzzacott, Ian C Gawthrop, & Neil D Banham	Effect of antiplatelet and/or anticoagulation medication on the risk of tympanic barotrauma in hyperbaric oxygen treatment patients, and development of a predictive model.	2020
2021 - part A			
20	Oskari H Lindfors, Anne K Räisänen-Sokolowski, Jari Suvilehto, & Saku T Sinkkonen	Middle ear barotrauma in diving	2021
35	Michael R. Kahn, Richard L. Watson, Jay T. Thetford, Joseph Isaac Wong, & Nader Kamangar	High Incidence of Barotrauma in Patients With Severe Coronavirus Disease 2019	2021
37	Amit Chopra a, Ali Hani Al-Tarbsheh, Nidhi J. Shah, Hamid Yaqoob, & 17 scientists	Pneumothorax in critically ill patients with COVID-19 infection: Incidence, clinical characteristics and outcomes in a case control multicenter study	2021
2021 - part B			
14	Alessandro Belletti, Giovanni Landoni, & Alberto Zangrillo	Pneumothorax and barotrauma in invasively ventilated patients with COVID-19	2021
22	Oskari H Lindfors, Anne K Räisänen-Sokolowski, Jari Suvilehto, & Saku T Sinkkonen	Sinus barotrauma in diving	2021
51	Chen Chen, Heng Hu, Rui-yong Chen	Varied effects exerted on sudden sensorineural hearing loss through HBO2 therapeutic pressure.	2021-11
52	Nicole Lifson, George Salloun, Philip Kurochkin, Michael Bivona, Han Y. Yin, Samuel Alpert	Treatment outcomes on neovascularization after CRAO treated with hyperbaric oxygen.	2021-11
2022 - part A			
5	Gianluca Paternoster, Gianfranco Belmonte, Enrico Scarano, Pietro Rotondo, & 6 scientists	Macklin effect on baseline chest CT scan accurately predicts barotrauma in COVID-19 patients	2022
9	Maria Ludovica Carerj, Giuseppe Bucolo, Silvio Mazziotti, Alfredo Blandino, & 3 scientists	Pulmonary Barotrauma in patient suffering from COVID-19	2022
11	Dhan Bahadur Shrestha, Yub Raj Sedhai, Pravash Budhathoki, Ayush Adhikari, & 7 scientists	Pulmonary barotrauma in COVID-19: A systematic review and meta-analysis.	2022

15	Dr. med. Jens Strohäker, Dr. med. Malte Bongers, Dr. med. & Malte Bongers	A Rare Case of Barotrauma Caused by Coughing	2021
23	Diving and Hyperbaric Medicine	Diving after COVID-19: an update to fitness to dive assessment and medical guidance.	2022
41	Brieuc Bonnemaïson, Olivier Castagna, Sébastien de Maistre, Jean-Éric Blatteau	Chest CT scan for the screening of air anomalies at risk of pulmonary barotrauma for the initial medical assessment of fitness to dive in a military population	20122
47	Mohsen Shafiepour, Mohammad Javad Najafzadeh, Seyed Mehdi, Hashemi Bajgani, & Behnam Dalfardi	Pneumoscrotum, a Rare Presentation of Barotrauma Following Noninvasive Positive Pressure Ventilation in Patients with Severe COVID-19 Pneumonia.	2022
2022 - part B			
8	Pierre Lafère, Peter Germonpré, & Costantino Balestra	Pulmonary Barotrauma in Divers During Emergency Free Ascent Training: Review of 124 Cases	2021
37	Takayuki Tanaka, Shinichiro Ito, Takahiro Ikeda, Shun Yamaguchi, & 6 Scientists	A case of transanal barotrauma by high-pressure compressed air leading to transverse colon perforation with extensive colon serosal tear	2022
44	Josep M. Casadesús, Javier Nieto-Moragas, Maria T. Serrando, Pere Boadas-Vaello, & 4 scientists	Pulmonary barotrauma in SCUBA diving-related fatalities: a histological and histomorphometric analysis.	2022
47	Secil Ozkan Ata, Nazim Ata, & Rifat Ugurlutan	Hyperbaric Pressure Effect on Dental Luting Cements	2022
53	Yu Bai, Shengsong Chen, Zeyu Zhang, Xu Huang, & 3 scientists	Incidence, outcomes and risk factors of barotrauma in veno-venous extracorporeal membrane oxygenation for acute respiratory distress syndrome	2022
2023 - Part A			
41	Iustina Leonte, Karina Ivanov, Angela-Ştefania Marghescu, Şerban-Radu Matache, & 4 Scientists	Sequence of Rare Diagnoses in a Young Patient: Altitude Barotrauma Hemopneumothorax and Desquamative Interstitial Pneumonia	2023-05
2023 Part B			
18	Yulianus Sudarman, & H. Melangka	Knowledge and Attitudes Relating to Barotrauma Incidents, Fishermen Communities in Buko Village, Banggai District, Central Sulawesi Islands.	2023-08
35	Kubra Canarslan-Demir, Kubra Ozgok-Kangal, Samet Kilic, Hakan Genc	Does diving deteriorate hearing functions?	2023-09
2024- B			
15	Xu Liu, Hengrong Yuan, Jieying Peng, Guanghao Zhu, Nan Wang, Yukun Wen, Hongliang Zheng, Yiqun Fang, Wei Wang	Role of tympanocentesis in the prevention of middle ear barotrauma induced by fast buoyant ascent escape from 200 m underwater	2024-09
31	Raoul A. Fakkert, Nina C. Weber, Benedikt Preckel, Robert A. van Hulst, Inge A. Mulder, Robert P. Weenink	Induction of Cerebral Arterial Gas Embolism in Rat	2024-10

Cardio-Respiratory



<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
Early times to 1959			
5	Robert Boyle	New pneumatical experiments about respiration	1670
20	John Scott Haldane	The action of carbonic acide on man	1895
29	John Scott Hadane	Organism and environment as illustrated by the physiology of breathing	1917
30	J. S. Haldane, J. G. Priestley	Respiration	1935
1960 - 1975			
33	Joseph C. Farmer jr	Labyrinthine dysfunction during diving	1974
1980 to 1985			
14	H.D. Van Liew, C.V. Paganelli, J.R. Clarke, L.D. Homer , D.D Hickey, D.C. Marky, R.J. Smith, J..V Salzano, R.E. Moog and B. Stolp, K. Segadal, R. E. Petersony, G. Bo1stad, J. E. Jacobsen, D.D Hickey, C.E.G. Lundgren. D.R. Pendergast, Ht Swanson, J.T. Doubt and D.B. Evans	Abstract session: Ventilation - Gas exchange - Cardiovascular	1982-06
25	J. Dwyer	Estimation of oxygen uptake from heart rate response to undersea work	1983-06
29	D. D. Hickey, C. E. G. Lundgren, AND A. J. Pasche	Influence of exercise on maximal voluntary ventilation and forced expiratory flow at depth	1983-09
35	B.A Hills, & B.D. Butler	Surfactants identified in synovial fluid and their ability to act as boundary lubricants.	1984-01
1986 - 1989			
5	Ran Arieli, Fred Wiener	Alveolar Plateau Caused by P-V Heterogeneity and Cardiogenic Oscillations Generated by Differential Effect of the Heart - A Model	1986-03
28	SR Muza, AJ Young, MN Sawka, E Bogart, & KB Pandolf	Respiratory and cardiovascular responses to cold stress following repeated cold water immersion	1988
34	Aleksander S. Popel	Theory of oxygen transport to tissue	1989-10
1990 - 1995			
4	Einar Thorsen, Kaire Segadal, Brit Kambestad, Amund Gulsvik	Divers' lung function: small airways disease?	1990-08
33	E. Thorsen, K. Segadal, B.K. Kambestad	Mechanisms of reduced pulmonary function after a saturation dive	1993-02
56	Y.C. Lin, K. Shikaki, H Takeushi, and M. Mohri	Cardiovascular Deconditioning Occurs During a 7-Day Saturation Dive at 31 ATA	1995-08
59	F. M.N.H. Schramel, A.R.J. Van Keimpena, J. P. Janssen, R. P. Golding, & P. E. Postmus	Pulmonary function of patients with spontaneous pneumothorax in relation to the extent of emphysema-like changes	1995
1996 - 1998			
4	B.D. Butler, R. Robinson, T. Little, J.E. Chelly, and M-F. Doursout	Cardiopulmonary changes with moderate decompression in rats	1996-06
9	D.M. Fothergill, & A. Carlson	Effects of N2O narcosis on breathing and effort sensations during exercise and inspiratory resistive loading.	1996-10
19	V. Lafay, A. Boussuges, P. Ambiosi, P. Barthelemy, & 3 scientists	Doppler-echocardiography study of cardiac function during a 36 atm (3,650 kPa) human dive	1997

20	Michael Knauth, Stefan Ries, Stefan Pohimann, Tina Kerby, Michael Forsting, Michael Daffertshofer, Michael Hennerici, Klaus Sartor	Cohort study of multiple brain lesions in sport divers: Role of a patent foramen ovale.	1997-04
26	N.B. Hampson, R.G. Dunford	Pulmonary edema of scuba divers	1997
41	Gelfand R., Lambertsen C.J., Clark J.M., & Hopkin E	Hypoxic ventilatory sensitivity in men is not reduced by prolonged hyperoxia (Predictive Studies V and VI	1998
42	Goran E. Nilsson	Respiratory physiology of vertebrates	1998
45	Fumio Yamazaki, Keizo Shiraki, Sueko Sagawa, Yutaka Endo, Riko Torii, Hitoshi Yamaguchi, Motohiko Mohri, and Yu-chong Lin	Assessment of cardiac autonomic nervous activities during heliox exposure at 24 atm abs	1998-07
1999			
2	A. Osellund, P. Sundblad, A. K. Demetriades, D. Linnarsson	Arterial baroreflex control during mild-to-moderate nitrous oxide narcosis	1999-02
2003			
7	M. El-Zein, J-L. Malo, C. Infante-Rivard, D. Gautrin	Incidence of probable occupational asthma and changes in airway calibre and responsiveness in apprentice welders	2003-04
2005			
7	Earl S. Ford	Risks for All-Cause Mortality, Cardiovascular Disease, and Diabetes Associated With the Metabolic Syndrome	2005-03
9	Zeljko Dujic, Ivan Palada, Ante Obad, Darko Duplancic, Alf O. Brubakk, and Zoran Valic	Exercise-induced intrapulmonary shunting of venous gas emboli does not occur after open-sea diving	2005-04
12	Georg Kojda, Rainer Hambrecht	Molecular mechanisms of vascular adaptations to exercise. Physical activity as an effective antioxidant therapy?	2005-06
14	Lars Lind, Nilla Fors, Jan Hall, Kerstin Marttala, Anna Stenborg	A Comparison of Three Different Methods to Evaluate Endothelium-Dependent Vasodilation in the Elderly The Prospective Investigation of the Vasculature in Uppsala Seniors (PIVUS) Study	2005-07
27	T. Stensrud, S. Berntsen, & K.-H. Carlsen	Humidity influences exercise capacity in subjects with exercise-induced bronchoconstriction (EIB)	2005
28	Anne-Maree Kelly, Daragh Weldon, Anna Y.L. Tsang, Colin A. Graham	Comparison between two methods for estimating pneumothorax size from chest X-rays	2005-11
2006			
29	David M. Eckmann, Stephen C. Armstead	Influence of Endothelial Glycocalyx Degradation and Surfactants on Air Embolism Adhesion.	2006-12
2007			
24	Paul S. Pagel, John G. Krolkowski, Yon Hee Shim, Suneetha Venkatapuram, Judy R. Kersten, Dorothee Weihrauch, David C. Wartier, Phillip F. Pratt	Noble Gases Without Anesthetic Properties Protect Myocardium Against Infarction by Activating Prosurvival Signaling Kinases and Inhibiting Mitochondrial Permeability Transition In Vivo	2007-09
34	Barbara Shykoff	Pulmonary effects of submerged oxygen breathing in resting divers: repeated exposures to 140 kPa	2007-12
35	John R. Claybaugh, Yu-Chong Lin, Heinrich G. Schafstall, and Peter B. Bennett	Cardiovascular and Endocrine Responses to 90° Tilt During a 35-Day Saturation Dive to 46 and 37 ATA	2007-12
2008			
1	Azriel Perel, Jean-Jacques Rouby	Variable Effect of Positive End-expiratory Pressure on Oxygenation in Patients with Acute Respiratory Distress Syndrome	2008-01
3	Sarah Nolan, Rachel Dixon, Keith Norman, Paul Hellewell, and Victoria Ridger	Nitric Oxide Regulates Neutrophil Migration through Microparticle Formation	2008-01
10	Rebekah M. Steele, Soren Brage, Kirsten Corder, Nicholas J. Wareham, and Ulf Ekelund	Physical activity, cardiorespiratory fitness, and the metabolic syndrome in youth	2008-03

11	Claudio Marabotti, Alessandro Scalzini, Danilo Cialoni, Mirko Passera, Antonio L'Abbate, and Remo Bedini	Cardiac changes induced by immersion and breath-hold diving in humans	2008-03
18	Si Jack Chong, Teck Wei Tan and Jordan Yu Jin Lim	Changes in lung function in Republic of Singapore Navy divers	2008-06
41	D.R. Pendergast, & C.E.G. Lundgren	The underwater environment: cardiopulmonary, thermal, and energetic demands	2008-11
43	Peter Lindholm, & Claes EG Lundgren	The physiology and pathophysiology of human breath-hold diving	2008
2009			
6	Ulrik Wisloff, Oyvind Ellingsen, and Ole J. Kemi	High-Intensity Interval Training to Maximize Cardiac Benefits of Exercise Training?	2009-03
9	Jasna Marinovic, Marko Ljubkovic, Ante Obad, Darija Bakovic, Toni Breskovic, and Zeljko Dujic	Effects of Successive Air and Trimix Dives on Human Cardiovascular Function	2009-04
12	E. Bargagli, C. Olivieri, D. Bennett, A. Prasse, J. Muller-Quernheim, P. Rottoli	Oxidative stress in the pathogenesis of diffuse lung diseases: A review	2009-05
27	Christopher Sames, Desmond F Gorman, Simon J Mitchell, Greg Gamble	The long-term effects of compressed gas diving on lung function in New Zealand occupational divers: a retrospective analysis	2009-09
33	Leigh A. Madden, Bryna C. Christmas, Duane Mellor, Rebecca V. Vince, Adrian W. Midgley, Lars R. McNaughton, Stephen L. Atkin, and Gerard Laden	Endothelial Function and Stress Response After Simulated Dives to 18 msw Breathing Air or Oxygen.	2009-10
2010			
2	Harold Rea, Sue McAuley, Lata Jayaram, Jeffrey Garrett, & 6 scientists	The clinical utility of long-term humidification therapy in chronic airway disease	2010
2011			
16	Pierre-Emmanuel Rautou, Anne-Clemence Vion, Nicolas Amabile, Gilles Chironi, Alain Simon, Alain Tedgui, Chantal M. Boulanger	Microparticles, Vascular Function, and Atherothrombosis	2011-06
17	Jian-Guo Wang, Julie C. Williams, Beckley K. Davis, Ken Jacobson, Claire M. Doerschuk, Jenny P.-Y. Ting, & Nigel Mackman	Monocytic microparticles activate endothelial cells in an IL-1 β -dependent Manner	2011-06
36	Anni Vanhatalo, Jonathan Fulford, Stephen J. Bailey, James R. Blackwell, Paul G. Winyard, & Andrew M. Jones	Dietary nitrate reduces muscle metabolic perturbation and improves exercise tolerance in hypoxia	2011-09
2012			
5	Lisette B. Soegaard, Marie N. Hansen, Cornelis van Elk, Jesper Brahm, and Frank B. Jensen	Respiratory properties of blood in the harbor porpoise, Phocoena phocoena	2012-02
26	Manav V Vyas, Amit X Garg, Arthur V Iansavichus, John Costella, Allan Donner, Lars E Laugsand, Imre Janszky, Marko Mrkobrada, Grace Parraga, Daniel G Hackam	Shift work and vascular events: systematic review and meta-analysis	2012-07
29	Christopher J. Morris; Jessica N. Yang; and Frank A. J. L. Scheer	The impact of the circadian timing system on cardiovascular and metabolic function.	2012-08
34	Earl S Ford, & Carl J Caspersen	Sedentary behaviour and cardiovascular disease: a review of prospective studies	2012-08
2013			
5	Ji Won Park, Barbora Píknova, Paul L. Huang, Constance T. Noguchi, Alan N. Schechter	Effect of Blood Nitrite and Nitrate Levels on Murine Platelet Function	2013-02
39	Gengfen Han, Ziming Wang, Jianmin Wang, Weixiao Yang, Jing Chen, Jianyi Kang, Sen Zhang, Aimin Wang, Xinan Lai	Characteristics and Mechanisms of Cardiopulmonary Injury Caused by Mine Blasts in Shoals: A Randomized Controlled Study in a Rabbit Model	2013-12
2014			
2	Henrik Sørensen, Niels H. Secher and Peter Rasmussen	A note on arterial to venous oxygen saturation as reference for NIRS-determined frontal lobe oxygen saturation in healthy humans	2014-01

2015			
4	Guillaume Costalat, Aurélien Pichon, Fabrice Joulia, & Frédéric Lemaître	Modeling the diving bradycardia: Toward an “oxygenconserving breaking point”?	2015
21	A. Sureda, J. M. Batle, J. A. Tur, A. Pons	Competitive apnea diving sessions induces an adaptative antioxidant response in mononucleated blood cells	2015-05
24	Nicolas Bourdillon, Mathias R. Aebi, Denis Bron, Grégoire P. Millet	Exercise-induced cardiovascular responses during combined normobaric vs. hypobaric and normoxic vs. hypoxic acute exposures in military air pilot trainee	2015-06
26	Peter Germonpré	Persistent (patent) foramen ovale (PFO): implications for safe diving	2015-06
32	Joo-Young Lee, Hyo-Hyon Lee, Siyeon Kim, Young-Joon Jang	Diving bradycardia of elderly Korean women divers in cold seawater: a field report	2015-07
36	F. Jay Haran, Amelia Lovelace	Effects of Inspired CO2 and Breathing Resistance on Neurocognitive and Postural Stability in U.S. Navy Divers	2015-08
2016			
24	Pieter-Jan A.M. van Ooij, Peter J. Sterk, and Robert A. van Hulst	Oxygen, the lung and the diver: friends and foes?	2016-06
28	Serena Cirio, Manuela Piran, Michele Vitacca, Giancarlo Piaggi, & 4 scientists	Effects of heated and humidified high flow gases during high-intensity constant-load exercise on severe COPD patients with ventilatory limitation	2016
46	Olivier Castagna, Emmanuel Gempp, Raphael Poyet, Bruno Schmid, Anne-Virginie Desruelle, Valentin Crunel, Adrien Maurin, Romain Choppard, and David H. MacIver	Cardiovascular Mechanisms of Extravascular Lung Water Accumulation in Divers	2016-11
50	Hilary F. Armstrong, Gina S. Lovasi, Elsayed Z. Soliman, Susan R. Heckbert, & 8 scientists	Lung function, percent emphysema, and QT duration: The Multi-Ethnic Study of Atherosclerosis (MESA) lung study	2016
2017			
9	Muhammad Irfan Ilmi, Faisal Yunus, Mohammad Guritno Suryokusumo, Triya Damayanti, Erlang Samoedro, Ahmad Muslim Nazaruddin, Fariz Nurwidya	Comparison of lung function values of trained divers in 1.5 ATA hyperbaric chamber after inhaling 100% oxygen and regular air: a crossover study	2017-03
32	Emmanuel Gempp, Marianne Lyard, Pierre Louge	Reliability of Right-to-Left Shunt screening in the prevention of Scuba diving related-decompression sickness.	2017-08
2018			
5	Yeonsik Noh, Hugo F. Posada-Quintero, Yan Bai, Joseph White, John P. Florian, Peter R. Brink, and Ki H. Chon	Effect of Shallow and Deep SCUBA Dives on Heart Rate Variability	2018-02
8	Fernando A. Moraga, Iván López, Alicia Morales, Daniel Soza, and Jessica Noack	The Effect of Oxygen Enrichment on Cardiorespiratory and Neuropsychological Responses in Workers With Chronic intermittent Exposure to High Altitude (ALMA, 5,050 m)	2018-03
9	V. Papadopoulou, P. Germonpré, D. Cosgrove, R. J. Eckersley, P. A. Dayton, G. Obeid, A. Boutros, M.-X. Tang, S. Theunissen, C. Balestra	Variability in circulating gas emboli after a same scuba diving Exposure.	2018-03
10	Ran Arieli	Extravascular Hydrophobic Surfaces, Fat Droplets, and the Connection With Decompression Illness: Spinal, Joint Pain, and Dysbaric Osteonecrosis.	2018-03
11	Gerardo Bosco, Alex Rizzato, Silvia Quartesan, Enrico Camporesi, Simona Mrakic-Sposta, Sarah Moretti, Costantino Balestra, Alessandro Rubini	Spirometry and oxidative stress after rebreather diving in warm water	2018-03
36	Fatima Z. Kiboub, Andreas Møllerløkken, Astrid Hjelde, Arnar Flatberg, Øyvind Loennechen, and Ingrid Eftedal	Blood Gene Expression and Vascular Function Biomarkers in Professional Saturation Diving.	2018-08
51	Erik Hohmann, Vaida Glatt, and Kevin Tetsworth	Swimming induced pulmonary oedema in athletes – a systematic review and best evidence synthesis	2018-11
2019			
9	Magdalena Solich-Talanda, Rafał Mikołajczyk, Robert Roczniok, Aleksandra Żebrowska	The effect of breath-hold diving on selected adaptive mechanisms in the circulatory-respiratory system in simulated static and dynamic apnoea	2019-03

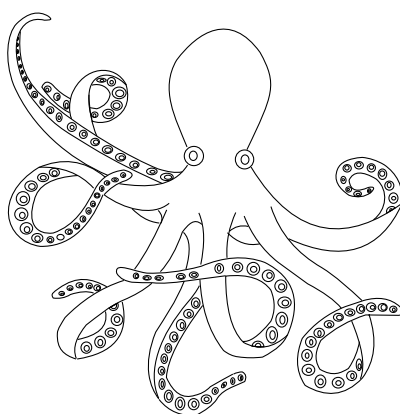
39	Kaitlin N. Allen, & José Pablo Vázquez-Medina	Natural Tolerance to Ischemia and Hypoxemia in Diving Mammals: A Review	2019-09
61	Sheeba Santhosh, A Vimala Juliet, G Hari Krishnan	Electrode System Analysis for Bioimpedance Cardiac Diagnosis	2019-12
2020 - Part B			
2	Ke Ning, Zhen-biao Guan, Hong-tao Lu, Ning Zhang, Xue-jun Sun, Wen-wu Liu	Lung macrophages are involved in lung injury secondary to repetitive diving	2020-07
13	Kubra Ozgok-Kangal , Kubra Canarslan-Demir , Taylan Zaman , Kemal Simsek	The changes in pulmonary functions in occupational divers: smoking, diving experience, occupational group effects	2020-09
14	Ran Arieli, Soliman Khatib, Aatef Khattib, Elena Bukovetzky, Orna Dally Gottfried	Is the probable spillage of the lung surfactant Check for updates dipalmitoylphosphatidylcholine the ultimate source of diabetes type 1?	2020-09
31	Simin Berenji Ardestani, Vladimir V. Matchkov, Kasper Hansen, Nichlas Riise Jespersen, Michael Pedersen, and Ingrid Eftedal	Extensive Simulated Diving Aggravates Endothelial Dysfunction in Male Pro-atherosclerotic ApoE Knockout Rats	2020-12
32	Kaiming Liu, Brian Z. Wang, Yishu Hao, Shuijiang Song, & Mengxiong Pan	The Correlation Between Migraine and Patent Foramen Ovale	2020-12
2021 - part A			
24	Celia Andrés Juan, José Manuel Pérez de la Lastra, Francisco J. Plou, and Eduardo Pérez-Lebeña	The Chemistry of Reactive Oxygen Species (ROS) Revisited: Outlining Their Role in Biological Macromolecules (DNA, Lipids and Proteins) and Induced Pathologies	2021-04
25	Jianping Liu, Miaomiao Wu, Run Zhang, Zhi Ping Xu	Oxygen-derived free radicals: Production, biological importance, bioimaging, and analytical detection with responsive luminescent nanoprobe.	2021-04
31	Antonio Barajas-Martínez, Geraldine Tello-Santoyo, Pablo Berumen-Cano, Adriana Robles-Cabrera & 6 scientists	Cardio-respiratory variability of healthy young subjects	2021
45	Kiyotaka Kohshi, Hideki Tamaki, Frédéric Lemaître, Yoshitaka Morimatsu, Petar J Denoble, Tatsuya Ishitake	Diving-related disorders in commercial breath-hold divers (Ama) of Japan	2021-06
48	Richard Lundell, Vesa Järvinen, Harri Mäkitalo, Kai Parkkola, & Tomi Wuorimaa	Changes in cardiac function in Navy divers during four days of successive dives in very cold diving conditions	2021
2021 - part B			
4	Janne Bouten, Sander De Bock, Gil Bourgois, Sarah de Jager, Asmien Dumortier, Jan Boone, and Jan G. Bourgois	Heart Rate and Muscle Oxygenation Kinetics During Dynamic Constant Load Intermittent Breath-Holds	2021-07
5	Kay Tetzlaff, Frederic , Christof Burgstahler, Julian A. Luetkens, & Lars Eichhorn	Going to Extremes of Lung Physiology—Deep Breath-Hold Diving	2021-07
10	Felipe Contreras-Briceño, Maximiliano Espinosa-Ramírez, Eduardo Moya-Gallardo, Rodrigo Fuentes-Kloss, Luigi Gabrielli, Oscar F. Araneda, and Ginés Viscor	Intercostal Muscles Oxygenation and Breathing Pattern during Exercise in Competitive Marathon Runners	2021-08
11	Janne Bouten, Sander De Bock, Gil Bourgois, Sarah de Jager, Asmien Dumortier, Jan Boone, and Jan G. Bourgois	Heart Rate and Muscle Oxygenation Kinetics During Dynamic Constant Load Intermittent Breath-Holds	2021-08
42	Omar M. Abdelfattah, Ahmed Sayed, Islam Y. Elgendy, Malak Munir, Yehia Saleh, Samir R. Kapadia, George S. Abela, Hani Jneid	Patent Foramen Ovale Closure and Decompression Sickness Among Divers	2021-09
43	V P Polivtsev, V V Polivtsev, K N Osipov	Experimental Marine Studies of Liquid Respiration Technology for Diving/Surfacing of Biological Objects in Capsule to Depth of up to 1500 Meters	2021-10
2022 - part A			
4	Saleh Eltarabily	The Effect of a Combined Training of Swimming and Breath Hold On Cardio -Respiratory, Blood and Biochemical Variables of Divers	2021
14	Danilo A. Massini, Danilo Scaggion, Thiago P. de Oliveira, Anderson G. Macedo, Tiago A. Almeida, Dalton M. Pessôa Filho	Training methods for maximal static apnea performance: a systematic review and meta-analysis	2022-03
18	Behdad Shaarbafe Ebrahimi, Haribalan Kumar, Merryn H. Tawhai, Kelly S. Burrowes, Eric A. Hoffman, and Alys R. Clark	Simulating Multi-Scale Pulmonary Vascular Function by Coupling Computational Fluid Dynamics With an Anatomic Network Model	2021-04

26	Jochen D. Schipke, Thomas Muth, Clark Pepper, Johannes Schneppendahl, & 2 scientists	Hyperoxia and the cardiovascular system: experiences with hyperbaric oxygen therapy	2022
59	Stella E. Hines, Joanna M. Gaitens, Clayton H. Brown, Danielle R. Glick, & 3 scientists	Self-reported respiratory outcomes associated with blast exposure in post 9/11 veterans	2022
2022 - part B			
25	Xiao-chen Bao, Tao Yang, Yi-qun Fang, Yong-jun Sun, & Nan Wang	Lung function changes in divers after a single deep helium-oxygen dive	2022
28	Connor TA Brenna, Shawn Khan, George Djaiani, Jay C Buckey Jr., Rita Katznelson	The role of routine pulmonary imaging before hyperbaric oxygen treatment	2022-09
29	Rienk Rienks, Mattijn Buwalda, Jeroen Bux, Emile Dubois, Thijs Wingelaar, Rob van Hulst	Cardiovascular risk assessment in divers: Toward safer diving	2022-09
35	James P. Fisher, Johanna Roche, Rachel Turner, Anna Walzl, & 3 scientists	Hypobaric hypoxia and cardiac baroreflex sensitivity in young women	2022
36	Johanna Roche, Peter Rasmussen, Hannes Gatterer, Giulia Roveri, & 15 Scientists	Hypoxia briefly increases diuresis but reduces plasma volume by fluid redistribution in women	2022
49	Hannes Gatterer, Johanna Roche, Rachel Turner, Giovanni Vinetti, & 7 scientists	Changes in body mass, appetite-related hormones, and appetite sensation in women during 4 days of hypobaric hypoxic exposure equivalent to 3,500-m Altitude.	2022
51	Emmanuel Gouin, Costantino Balestra, Jeremy Orsat, Emmanuel Dugrenot, & Erwan L'Her	Pulmonary Effects of One Week of Repeated Recreational Closed-Circuit Rebreather Dives in Cold Water.	2022
52	Agni Febrina Pargaputri, Dwi Andriani, Mardiyanto Riski Hartono, Kharinna Widowati	Effect of hyperbaric oxygen treatment on liver hepatocyte damage in oral candidiasis immunosuppressed rats	2022
2023 - Part A			
27	Richard Viking Lundell, Tommi Ojanen	A systematic review of HRV during diving in very cold water	2023-04
33	Tanya Palmer, Steven J. Obst, Craig R. Aitken, James Walsh, & 4 scientists	Fixed-intensity exercise tests to measure exertional dyspnoea in chronic heart and lung populations: a systematic review	2023-05
49	Eric A. Aloko, Munkaila Seibu, Daniel Apaak, Emmanuel O. Sarpong, & 3 scientists	Body Weight and Cardio-respiratory Fitness: Predictors of Physical Function Capacity among Older Adults	2023-06
50	Neil Wright, Katherine Newell, Ka Hung Chan, Simon Gilbert, & 12 scientists	Long-term ambient air pollution exposure and cardio-respiratory disease in China: findings from a prospective cohort study	2023-06
2023 Part B			
5	Therapy Mirjana M. Platiša, Nikola N. Radovanovic, Riccardo Pernice, Chiara Barà, Siniša U. Pavlović, & Luca Faes	Information-Theoretic Analysis of Cardio-Respiratory Interactions in Heart Failure Patients: Effects of Arrhythmias and Cardiac Resynchronization	2023-07
20	Natasa Z. Mistic, Mirko Ostojic, Sasa Cvetkovic, Petar Miodragovic, & 3 scientists	Wavelet Analysis of Respiratory Muscle sEMG Signals during the Physiological Breakpoint of Static Dry End-Expiratory Breath-Holding in Naive Apneists: A Pilot Study	2023-08
21	Brice Loddé, Marie-Agnès Giroux-Metges, Hubert Galinat, Hèlène Kerspern, & 4 Scientists	Does Decreased Diffusing Capacity of the Lungs for Carbon Monoxide Constitute a Risk of Decompression Sickness in Occupational Divers?	2023-08
23	Eyal Bar-Kochba, Alexander S. Iwaskiw, Jenna M. Dunn, Jenna M. Dunn, & 2 scientists	The Dynamic Response of Human Lungs Due to Underwater Shock Wave Exposure	2023-08
25	Matteo Paganini, Giuseppe Cantarella, Danilo Cialoni, Ezio Giuffrè, & Gerardo Bosco	Feasibility of chest ultrasound up to 42 m underwater	2023-08
31	Nicole YE Wong, Hanna van Waart, Jamie W Sleigh, Simon J Mitchell, & 2 scientists	A systematic review of electroencephalography in acute cerebral hypoxia: clinical and diving implications	2023-09
2023 Part C			
1	Eric Chappel	Physical Properties of Helium and Application in Respiratory Care	2023-10

9	Abigail G. Harrell, Stephen R. Thom	Dissolved gases from pressure changes in the lungs elicit an immune response in human peripheral blood	2023-10
11	Tatyana Kuropatkina, Dmitrii Atiakshin, Fedor Sychev, Marina Artemieva, Tatyana Samoilenko, Olga Gerasimova, Viktoriya Shishkina, Khaydar Gufranov, Natalia Medvedeva, Tyler W. LeBaron, and Oleg Medvedev	Hydrogen Inhalation Reduces Lung Inflammation and Blood Pressure in the Experimental Model of Pulmonary Hypertension in Rats	2023-11
15	Alice Bliznyuk, and Yoram Grossman	Role of NMDA Receptor in High-Pressure Neurological Syndrome and Hyperbaric Oxygen Toxicity	2023-12
23	Piyush Garg, Ayushi Mendiratta, Akshat Banga, Anna Bucharles, Maria Victoria Ferreira Piccoli, Balakrishnan Kamaraj, Rakhtan K. Qasba, Vikas Bansal, Jayaraman Thimmapuram, Robert Pargament, Rahul Kashyap	Effect of breathing exercises on blood pressure and heart rate: A systematic review and meta-analysis	2023-12
2024 - A			
8	Harry B. Rossiter, David C. Poole	Further perspectives on measuring pulmonary oxygen uptake kinetics	2024-02
10	Warren Burggren, Andreas Fahlman, & William Milsom	Breathing patterns and associated cardiovascular changes in intermittently breathing animals: (Partially) correcting a semantic quagmire	2024-02
24	Muhamad Nanang Solikhin, Sumaryanti, Sulistiyono, Fauzi, & Bonifacius Arbanto	Benefit of breath-holding training on the concept of recreational freediving in healthy adults – a systematic literature review.	2024-03
28	Anna Taboni, Nazzareno Fagoni, Timothée Fontollet, Giovanni Vinetti, Guido Ferretti	Baroreflex dynamics during the rest to exercise transient in acute normobaric hypoxia in humans	2024-03
29	Marina Vulic, Branislav Milovanovic, Ante Obad, Duška Glavaš, Igor Glavicic, Damir Zubac, Maja Valic, & Zoran Valic	Depth of SCUBA Diving Affects Cardiac Autonomic Nervous System	2024-03
34	Nakamura Nobuhiro, Peng Heng, Hayashi Naoyuki	The interaction of breath holding and muscle mechanoreflex on cardiovascular responses in breath-hold divers and non-breath-hold divers	2024-03
41	Boxiong Guo, Yixuan Sun, Yuehua Wang, Ya Zhang, Yu Zheng, Shixia Xu, Guang Yang, & Wenhua Ren	Evolutionary genetics of pulmonary anatomical adaptations in deep-diving Cetaceans	2024-04
51	Feiko J. M. de Jong, Thijs A. Lilien, Dominic W. Fenn, Thijs T. Wingelaar, Pieter-Jan A. M. van Ooij, Anke H. Maitland-van der Zee, Markus W. Hollmann, Rob A. van Hulst, & Paul Brinkman	Volatile Organic Compounds in Cellular Headspace after Hyperbaric Oxygen Exposure: An In Vitro Pilot Study	2024-05
60	Anderson Geremias Macedo, Danilo Alexandre Massini, Tiago André Freire Almeida, Luciana Maria dos Reis, Giovane Galdino, Adriana Teresa Silva Santos, Osvaldo Tadeu da Silva Júnior, Rubens Venditti Júnior, and Dalton Muller Pessôa Filho	Effects of Resistance Exercise with and without Blood Flow Restriction on Acute Hemodynamic Responses: A Systematic Review and Meta-Analysis	2024-06
2024- B			
1	Maher Khalife, Michele Salvagno, Maurice Sosnowski, and Costantino Balestra	Exploring the effects of post operative hyperoxic intermittent stimuli on reticulocyte levels in cancer patients: a randomized controlled study	2024-07
5	Thomas Kjeld, Anders Brenøe Isbrand, Henrik Christian Arendrup, Jens Højberg, Jacob Bejder, Thomas O. Krag, John Vissing, Lars Poulsen Tolbod, Johannes Hendrik Harms, Lars Christian Gormsen, Dan Fuglø, and Egon Godthaab Hansen	Pulmonary vascular adaptations to hypoxia in elite breath-hold divers	2024-07
25	Hadrien Pique, Sigrid Theunissen, Costantino Balestra, Juani Valdivia, Oleg Melikhov	Higher proportion of prematurely born adults in elite breath-hold divers	2024-09
28	Robert A van Hulst, Pieter-Jan AM van Ooij	Large lungs in divers: a risk for pulmonary barotrauma?	2024-09
32	Pauls Dzelve, Arta Legzdin, Andra Krumina, and Madara Tirzite	Utility of Raman Spectroscopy in Pulmonary Medicine	2024-10
43	Sok-Sithikun Bun, Clementine Massimelli, Didier Scarlatti, Fabien Squara and Emile Ferrar	Are Exercise-Induced Premature Ventricular Contractions Associated with Significant Coronary Artery Disease?	2024-11
47	John Freiburger, Bruce Derrick, Ki H. Chon, Md Billal Hossain, Hugo F. Posada-Quintero, Mary Cooter, and Richard Moon	Does Heart Rate Variability Predict Impairment of Operational Performance in Divers?	2024-12

48	Yoon Sung Lee, Sang Won Ko, Hyoung Youn Lee, Kyung Hoon Sun, Tag Heo, and Sung Min Lee	Risk Factors Associated with Middle Ear Barotrauma in Patients Undergoing Monoplace Hyperbaric Oxygen Therapy.	2024-12
2025			
6	Justin Ulm, Jean-Eric Blatteau, Luc Aigle, Roman Glogowski, Olivier Castagna, Arnaud Druelle	Impact of SCUBA diving on French military divers' lung function: a retrospective cohort	2025-02
25	Ben Knox-Brown, Joshua Barnes, Chris Harding, Jonathan Fuld, Karl P. Sylvester	Peak VO ₂ Q: A new approach for the interpretation of cardiorespiratory fitness estimates	2025-08
26	Vasiliki Katsi, Epameinondas Triantafyllou, Christos Fragoulis, Christos Vazaios, Spyridon Maragkoudakis, Alexandros Kasiakogias, Charalampos Vlachopoulos, and Konstantinos P. Tsioufis	Myocardial Fibrosis in Athletes: Risk Marker or Physiological Adaptation?	2025-11

Decompression



<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
Early times to 1959			
7	Robert Boyle	A discovery of the admirable rarefaction of air	1671
8	Edme Mariotte	Oeuvres de Marriotte	1740
13	Trigger (Jacques)	Mémoire sur un appareil à air comprime	1841
14	Pol, & Watelle	Caisson disease and coal mining	1845
15	Le Roy de Mericourt (Alfred)	Sur l'hygiène des pêcheurs d'éponges	1867
16	Le Roy de Mericourt (Alfred)	Considerations on the health of sponge divers	1867
17	Andrew H. Smith	Caisson disease (Brooklin bridge)	1873
18	Bert (Paul)	la pression barometrique	1878
19	Paul Bert	Barometric pressure	1878
21	Snell (E Hugh)	Caisson disease	1896
27	Haldane (John Scott), Boycott, Damant	The prevention of compressed-air illness	1908
28	Hill (Leonard)	Caisson sickness, and physiology of work in compressed air.	1912
1960 - 1975			
1	Campbell Golding, P Griffiths, H.V. Hempleman, W.d. Paton	Decompression sickness during construction of the Dartford Tunnel.	1960
6	X Fructus, J Chouteau	COMEX experience "Diogene" Physiological Aspects of Life Under Pressure	1962-12
7	R. D. Doll, Workman (Robert D.)	decompression sickness among US Navy operational divers: An estimate of incidence using air decompression tables.	1965
9	R.D. Workman	Calculation of Decompression Schedules for Nitrogen-Oxygen and Helium-Oxygen Dives	1965-05
10	P. Paulev	Decompression sickness following repeated Breth-hold dives	1965-06
12	P. Paulev	Decompression Sickness Following Seawater Hunting Using Underwater Scooters.	1965
13	Workman (Robert D.)	Research report 6-65 Calculation of decompression schedules for nitrogen-oxygen and helium-oxygen dives.	1965
16	Hills (B. A)	A thermodynamic and kinetic approach to decompression sickness.	1966
19	Hills (B. A)	Limited supersaturation versus phase equilibration in predicting the occurrence of decompression illness.	1969

22	J.K. Summitt	Saturation Dives, with Excursions, for the Development of a Decompression Schedule for Use During SEALAB III	1970-09
24	D R Leitch	Medical Aspects of a Simulated Dive to 1500 feet (458 metres)	1971
26	Grave (D J), Idicula (J), Lambertsen (C. J), Quinn (J. A)	Bubble Formation Resulting from Counterdiffusion Supersaturation: A Possible Explanation for Isobaric Inert Gas 'Urticaria' and Vertigo	1972
27	William R. Braithwaite	Systematic Guide to Decompression Schedule Calculations	1972-11
28	Xavier Fructus	COMEX project "Sagittaire II" - Preparation	1972-12
30	DCIEM	Blood Bubble interaction in decompression illness - DCIEM conference proceedings - December 1973	1973
31	Alfred A. Bove, John M. Hallenbeck, and David H. Elliott	Changes in blood and plasma volumes in dogs during decompression sickness	1974-01
34	Richard H. Strauss	Bubble formation in gelatin: implications for prevention of decompression sickness	1974
35	Merill P. Spencer, David C. Johanson	Investigations of new principles for human decompression schedules using doppler ultrasonic blood bubble detection	1974
37	James H. Dougherty	The use of hydrogen as an inert gas during diving: Pulmonary function during hydrogen-oxygen breathing at pressures equivalent to 200 feet of sea water.	1974
38	R W. Hamilton et al	Neon Decompression	1974
39	R. W. Hamilton	Decompression procedures for depths in excess of 400 feet	1975
40	Lambertsen (Christian J.)	Relation of isobaric gas counterdiffusion and decompression gas lesion diseases	1975
1976 - 1979			
1	Merrill Spencer	Decompression limits for compressed air determined by ultrasonically detected blood bubbles	1976
2	Hemplemean, Hennessy	An examination of the critical gas volume concept in decompression sickness.	1976
3	James W. Miller, George M Adams, Peter B. Bennett, Richard E. Clarke Robert W. Hamilton, David J. Kenyon, Robert I Wicklund	Vertical Excursions Breathing Air from Nitrogen-Oxygen or Air Saturation Exposures	1976-05
4	Hills (Brian)	A fundamental approach to the prevention of decompression sickness	1976
5	Wayne A. Gerth, Edvard A. Hemmingsen	Gas Supersaturation Thresholds for Spontaneous Cavitation in Water with Gas Equilibration Pressures up to 570 atm	1976
7	Edvard A. Hemmingsen	Effects of Surfactants and Electrolytes on the Nucleation of Bubbles in Gas-Supersaturated Solutions	1977
8	Hills (B. A)	Supersaturation by counterdiffusion and diffusion of gases	1977
9	COMEX SA	COMEX Janus IV phase 2	1977-06
10	B. Gardette, A. Ternisien	Detection ultrasonore des bulles circulantes au cours de decompressions - Bilan 1976 - 1977	1977
11	Louis D Homer, R. Clifton Bailey	An Analogy permitting maximum likelihood estimation by a simple modification of general least squares algorithms.	1977

12	Yount	Skins of varying permeability: A stabilization mechanism for gas cavitation nuclei	1978
14	T.E Berghage, J.Voromasti, E.E.P Barnard	Recompression treatment tables used throughout the world by government and industry	1978
15	Thomas E. Berghage	Decompression theory	1978
16	E. H. Le Messurier, T. N. Smith' W. R. Wood	Diffusion and nucleation of gas in gel and some implications for the development of decompression procedures	1978
18	Kent H Smith, lee Stayton	hyperbaric decompression by means of bubble detection	1978
19	C.J. Lambertsen, J.M. Clark, R. Gelfand	Work capabilities and physiological effect in HeO2 excursions to pressures of 400 - 800 -1200 -1600 feet of sea water.	1978
20	William L. Hunter, Gene B. Pope, Danny A. Arsu	Decompression sickness & Deep air diving	1978
21	W.H. Spaur, E.D. Thalmann' E.T. Flynn, J.L. Zunirick, T.W. Reedy, and J. M. Ringelberg	Development of unlimited duration excursion tables and procedures for helium-oxygen saturation diving	1978-06
22	UMHS	The Seventeenth Undersea Medical Society Workshop: Decompression Theory	1978
24	BA Hills, BD Butler	The kangaroo rat as a model for Type I decompression sickness	1978-12
26	Lambertsen (Christian J.), Bornmann (Robert C.)	Isobaric inert gas counterdiffusion	1979
27	Dueker CW, Lambertsen CJ, Rosowski JJ, Saunders JC	Middle ear gas exchange in isobaric counterdiffusion	1979
29	Brian A, hills	Fundamental biophysical aspects of decompression sickness	1979-06
31	K.E. Kidman, G. Masurel, R. Guillermin	A Doppler ultrasonic Data bank for diver decompression analysis	1979
32	Thomas D. Kunkle	Bubble Nucleation in supersaturated fluids	1979
1980 to 1985			
2	D. E. Yount, D. C. Hoffman	Decompression theory - A dynamic critical volume hypothesis	1980
4	Peter O. Edel	Analysis of decompression tables calculated by non-U. S. Navy methods	1980
5	Yount, C. M. Yeung	Bubble formation in supersaturated gelatin: A further investigation of gas cavitation nuclei	1980
6	P. K. Weathersby, K. G. Mendenhall, E. E. Barnard, L. D. Homer, S. Survanshi, and F. Vieras	Distribution of xenon gas exchange rates in dogs	1981
13	Young, R. Battino, H. L. Clever	The solubility of gas in liquids	1982
16	B.G. D'Aoust, R. White, H. Swanson, R. Dunford	Differences in transient and steady state isobaric counterdiffusion	1982
17	yount	On the evolution, generation, and regeneration of gas cavitation nuclei	1982
21	Edward D. Thalmann	Computer algorithms used in computing the MK15/16 constant 0.7 ata oxygen partial pressure decompression tables.	1983

22	R. Y. Nishi, G. R. Lauckner	Development of the DCIEM decompression model for compressed air diving.	1983
23	Robert H. Logie & Alan Baddeley (Royal Naval personnel research committee)	A Trimix saturation dive to 660 m: Studies of cognitive performance, mood, and sleep quality	1983-04
24	A. A. Buhlmann	Decompression - Decompression Sickness	1983
26	Thalmann (Edward D), Buckingham Spaur	Testing of decompression algorithms for the use in the US Navy underwater decompression computer.	1983
27	Akira Ishiyama	Analysis of gas composition of intravascular bubbles produced by decompression	1983
28	Thalmann (Edward D), Butler	A procedure for doing multilevel dives on air using repetitive groups.	1983
30	The European Undersea Biomedical Society & The Norwegian Petroleum Directorate	Long term neurological consequences of deep diving	1983
36	Richard d. Vann	Decompression Mechanisms and Decompression Schedule Calculation	1984-01
37	R.D. Vann	Decompression from saturation dives	1984-03
39	Department of Anesthesiology and F.G. Hall Laboratory Duke University Medical Center Durham, North Carolina	Decompression from saturation dives - Third annual canadian ocean technology congress - toronto	1984-03
41	Thalmann (Edward D)	Phase II testing of decompression algorithms for the use in the US Navy underwater	1984
42	W. Shilling	Diagnosis and Treatment of Decompression Sickness	1084
45	C.Y. Lin	Circulatory findings during immersion and breath-hold dives in humans	1984
46	C Blood, A. Hoiberg	Diving Accidents: Analysis of underlying variables.	1984
47	yount	A microscopic investigation of bubble formation nuclei	1984
48	Paul K Weathersby, Blaine Hart	Statistically Based Decompression Tables. II. Equal Risk Air Diving Decompression Schedules.	1985
49	Thalmann (Edward D), Butler	Development of a decompression algorithm for constant 0.7 ATA oxygen partial pressure in helium diving.	1985
50	P.K. Weathersby, S.S. Survanshi, L.D. Homer, B.L. Hart, R.y. Nishi, E.T. Flynn, and M.E. Bradley	Statistically based decompression tables - 1 Analysis of standard air dives: 1950-1970	1985
51	R.G. Eckenhoff, and R.D. Vann	Air and Nitrox Saturation Decompression: in a report of 4 schedules and 77 subjects	1985-03
54	C. Blood, A. Hoiberg	Analyses of variables underlying U.S. Navy diving accidents	1985
55	C.G. Bayne, W.S. Hunt, D.C. Johanson, E.T. Flynn, and P.K. Weathersby	Doppler bubble detection and decompression sickness: a prospective clinical trial	1985
56	J. Parmentier, B. Shrivastav, P. B. Bennett	Effects of halothane and hydrostatic pressure on sodium channels in squid axon	1985
57	Home - Undersea & Hyperbaric Medical Society	Light and electron microscopic alterations in spinal cord myelin sheaths after decompression sickness.	1985

60	DR Leitch, JM Hallenbeck	Pressure in the treatment of spinal cord decompression sickness	1985
61	L.D. Homer, P.K. Weathersby	Statistical aspects of the design and testing of decompression tables	1985
62	W.L. Dobb	In vitro efficacy of Otic Domeboro against Pseudomonas aeruginosa	1985
63	C. Edmons, J Boughton	Intellectual deterioration with excessive diving (punch drunk divers)	1985
1986 - 1989			
7	B.C. Eatock, R.Y. Nishi	Procedures for Doppler Ultrasonic Monitoring of Divers for Intravascular Bubbles	1986-05
8	Imbert (Jean pierre), Bontoux (M)	Safety analysis of French 1974 air decompression tables	1986
9	W Sterk	“SOX” Surface decompression Tables in the Eastern Scheldt	1986-08
11	Yount, Hoffman	On the use of a bubble formation model to calculate diving tables	1986
13	Jean-Pierre Imbert, & Michel Bontoux	A method for introducing new decompression procedures	1987
18	R.W Hamilton	A developer’s view of new decompression procedure	1987-07
19	Hyperbaric medical society	Validation of decompression tables - Final concensus only	1987
20	Hyperbaric medical society	Validation of decompression tables - Full Workshop Proceedings	1987
23	E.C. Parker, S.S. Survanshi, P.B. Massell, & P.K. Weathersby	Probabilistic models of the role of oxygen in human decompression sickness	1988
24	R.W. Hamilton, D.J. Kenyon, R.E. Peterson, G.J. Butler, and D.M. Beers	REPEX: Development of Repetitive Excursions, Surfacing Techniques, and Oxygen Procedures for Habitat Diving	1988-05
25	W.R. Hedrick & D.L. Hykes	Doppler Physics and Instrumentation	1988-06
26	Imbert (Jean pierre), & Bontoux (M)	Diving databank – A unique tool for diving procedures	1988
29	COMEX SA	COMEX hydra VIII report	1988-10
30	P. Tikuisis, R.Y. Nishi, P.K. Weatherby	Use of the maximum likelihood method in the analysis of chamber air dives.	1988
32	American academy of underwater sciences	Biomechanics of safe ascent workshop	1989
33	Q. S. Lillo, M. E. MacCallum	Effect of inert gas switching at depth on decompression outcome in rats	1989
35	Francis, Pezeshkpour, Dutka	Arterial gas embolism as a patophysologic mechanism for spinal cord decompression sickness.	1989
38	O. Hyldegaard, J. Madsen	Influence of heliox, oxygen, and N2O-O; breathing on N2 bubbles in adipose tissue	1989
1990 - 1995			
2	JP Imbert, & S Montbarton	Presentation of the comex diving data base	1990

6	J How, A Vijayan, T M Wong	Acute decompression sickness in compressed air workers exposed to pressures below 1 bar in the Singapore mass rapid transit project	1989
7	Thalmann (Edward D), Buckingham , Spaur	Testing of revised unlimitedduration upward excursions during helium-oxygen saturation dives	1990
9	J.Y. Massimelli, M. Comet, B. Gardette	COMEX Report: Facteurs de suceptibility individuelle aux accidents de decompression (Factors of individual susceptibility to decompression accidents)	1990-10
10	R.S. Lillo, M.E. MacCallum	Effect of inert gas switching at depth on decompression outcome in rats	1991-01
13	JP Imbert, X. Fructus, S. Montbarbon	Short and repetitive decompression in air diving procedures: The commercial diving experience	1991-03
14	American Academy of Underwater Sciences	Repetitive diving workshop	1991
15	James M Chimiak	US Navy nitrox diving applications	1991
18	JP Imbert	Decompression tables versus decompression procedures: An analysis of decompression sickness using diving data bases	1991
19	W Sterk	The Netherlands national diving center database	1991-06
20	O. Hyldegaard, M. Møller, J. Madsen	Effect of He-O ₂ , O ₂ , and N ₂ O-O ₂ breathing on injected bubbles in spinal white matter	1991
21	K Todnem, H Nyland, H Skeidsvoll, R Svihus, & 4 scientists	Neurological long term consequences of deep diving.	1991
22	Hills (Brian), James	Microbubble damage to the blood-brain barrier: relevance to decompression sickness.	1991
23	J. Zhang, C.E. Fife, Currie, R.E. Moon, C.A. Piantadosi, and R.D. Vann	Venous gas emboli and complement activation after deep repetitive air diving	1991-11
24	Paul K Weathersby	Statistically-Based Decompression Tables. 6. Repeat Dives on Oxygen/Nitrogen Mixes	1991
25	P. K. Weathersby, S. S. Survanshi, L.D. Homer, E. Parker, and E. D. Thalmann	Predicting the time of occurrence of decompression sickness.	1992
26	H.Y. Tao, H.J. Chen, H. Zhang, J. Guo, and F.K. Rong	Urinary ANE ADH, and electrolyte excretion during saturation-excursion diving to pressures equivalent to 250 and 300 m	1992-05
28	US Air Force systems Command	The proceedings of the 1990 hypobaric decompression sickness workshop	1992-06
31	P.K. Weathersby, S.S. Survanshi, R.Y. Nishi, & E.D.Thalmann	Statistically Based Decompression Tables. 7: Selection and Treatment of Primary Air and N sub 2 O sub 2 Data	1992
34	A Boussuges, p. Ambrosi, G. Habib, D. Cartran	Detection of circulating bubbles with 2D echocardiography and pulsed dopler	1993
35	Ernst B. Völlm	A new decompression model to Increase safety for dive computers	1993
36	judith Aharon-Peretz, YohaiAdir, Carlos R. Cordon, Shahar Kol + 2 authors	Spinal Cord Decompression Sickness in Sport Diving.	1993
37	Hugh D. Van Luaw, Jonny Conkin, Mark E. Burkard	The oxygen window and decompression bubbles: Estimates and significance.	1993
39	B. Gardette, I.Y. Massimelli, M. Comet, C. Gortan,	HYDRA 10 : A 701 MSW ONSHORE RECORD DIVE USING "HYDRELIOX"	1993

40	A L Harabin, S S Survanshi, L D Homer	A model for predicting central nervous system toxicity from hyperbaric oxygen exposure in man: Effect of immersion exercise, and old and new data.	1994
44	O. Hyldegaard, M. Møller, J. Madsen	Protective effect of oxygen and heliox breathing during development of spinal decompression sickness	1994
47	O. Hyldegaard, J. Madsen	Effect of air, heliox, and oxygen breathing on air bubbles in aqueous tissues in the rat	1995
50	A.W. Murrison, E Glasspool, R.J. Pethybridge, T.J.R. Francis, E.M. Sedgwick	Electroencephalographic study of divers with histories of neurological decompression illness	1995-03
51	C. L. Shake, P. K. Weathersby, B. G. Coras, and J. W. Parker	He-Nsub2-Osub2: Isobaric Shift and Saturation Decompression	1995
54	Erik C. Baker	Understanding M-values	1995
55	Bruce R. Wienke, & Timothy R. O'Leary	Mixed gas decompression theory with algorithms and statistics	1995
58	A. Boussuges, P. Blanc, F. Molenat, E. Bergmann, J.M. Sainty	Neurological decompression illness: The value of the hematocrit level Assessment	1995-09
63	A. Boussuges, S. Abdellaoui, B. Gardette, & JM Sainty	Detection of circulating bubbles in breath-hold divers	1995
1996 - 1998			
1	O. Hyldegaard, & J. Madsen	Effect of SF6-O2 (80/20) breathing on air bubbles in rat tissues	1996
2	Paul K Weathersby	Statistically Based Decompression Tables IX: Probabilistic Models of the Role of Oxygen in Human Decompression Sickness	1996
3	Jean Pierre Imbert	Evolution and offshore performances of the Comex Treatment Tables. In Workshop on Decompression Illness Treatment.	1996-06
5	A. Boussuges, P. Blanc, F. Molenat, E. Bergmann, J.M. Sainty	Haemoconcentration in neurological decompression illness	1996-07
7	Paul K Weathersby	Statistically Based Decompression Tables X: Real-Time Decompression Algorithm Using a Probabilistic Model	1996
8	J. C. Le Péchon, P. Barre, J. PBauai, & F. Ollivier	Compressed air work - French tables 1992 - Operational result	1996
10	D. J. Valaik, E. C. Parker, S. S. Survanshi	Calculating Decompression in Naval Special Warfare SEAL Delivery Vehicle Diving Operations Utilizing the Real Time Dive Planner.	1996-11
14	A. Boussuges, P Ambrosi, G Habib, D Cartran, & 2 Scientists	Detection of circulating bubbles with 2D echocardiography and pulsed doppler.	1996
15	Romuald Olszanski, Zbigniew Baj, Andrzej Buczynski, Maciej J. Konarski & 3 scientists	Evaluation of decompression sickness risk in saturated air and nitrox dives judged on the basis of changes in haemostasis.	1997
17	Shield, & lee	The incidence of decompression sickness arising from commercial offshore air-diving operations in the UK sector of the North sea during 1982/83	1997
18	R. S. Lillo, E. C. Parker, and W. R. Porter	Decompression comparison of helium and hydrogen in rats	1997-03
20	Michael Knauth, Stefan Ries, Stefan Pohimann, Tina Kerby, Michael Forsting, Michael Daffertshofer, Michael Hennerici, Klaus Sartor	Cohort study of multiple brain lesions in sport divers: Role of a patent foramen ovale.	1997-04
22	Van Liew, Hugh D., Soumya Raychaudhuri	Stabilized bubbles in the body: pressure-radius relationships and the limits to stabilization.	1997
25	G. Jacobsen, J. E. Jacobsen, R. E. Peterson, J. H. McLellan, S. T. Brooke, T. Nome, A. O. Brubakk	Decompression sickness from saturation diving: a case control study of some diving exposure characteristics	1997-06

36	Richard L. Pyle	The Importance of Deep Safety Stops: Rethinking Ascent Patterns From Decompression Dives	1997-12
43	Philip P Foster, Johnny Conkin, Michael R. Powell, James M. Waligora, & Raj S. Chhikara	Role of metabolic gases in bubble formation during hypobaric exposures	1998
46	P. Gemonpre, P. Dendale, P. Unger, & C. Balestra	Patent foramen ovale and decompression sickness in sports divers	1998
47	W. Sterkl, N. vinré, and R. Takashima	DCI incidence for surD NDC tables in the range of 48 to 51 metres	1998-08
48	Erich W Russi	Diving and the risk of barotrauma.	1998-08
49	E.T. Flynn, E.C. Parker, R. Ball	Risk of decompression sickness in shallow no-stop air diving: An analysis of naval safety center data 1990 - 1994	1998
50	Erik C. Baker	Clearing Up The Confusion About "Deep Stops"	1998
51	Shi Zhnog-yuan	Experiment of nitrox saturation diving with trimix excursion	1998-09
52	A.A. Bove	Risk of decompression sickness with patent foramen ovale	1998-09
53	C. Balestra, P. Germonpre, and A. Marroni	Intrathoracic pressure changes after Valsalva strain and other maneuvers: implications for divers with patent foramen ovale	1998-09
54	Mark Kessler	HeO2 CUMA Repetitive Dive Table Trials - Series 2 and 3	1998
55	Yasuhiro Manabe, Kenichi Sakai, Kenichi Kashiara, & Toshikiyo Shohmori	Presumed venous infarction in spinal decompression sickness	1998
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4	E.D. Thalmann, P.C. Kelleher, S.S. Survanshi, E.C. Parker, & P.K. Weathersby	Statistically-based decompression tables XI: Manned validation of the LE probabilistic model for air and nitrogen-oxygen diving.	1999
5	D.J. Temple, R. Ball, P.K. Weathersby, E.C. Parker, and S.S. Survanshi	The dive profiles and manifestations of decompression sickness cases after air and nitrogen-oxygen dives - Volume 2: complete profiles and graphic representations for DCS events	1999
6	D Carturan, A Boussuges, P Vanuxem, B Gardette & J. Fondarai	Circulating Venous Bubbles in Recreational Diving: Relationships with Age, Weight, Maximal Oxygen Uptake and Body Fat Percentage	1999
8	Robert Ball, Charles E. Lehner, and Erich C. Parker	Predicting risk of decompression sickness in humans from outcomes in sheep	1999-06
9	COMEX SA	Presentation of COMEX project "Ludion"	1999-06
10	D.J. Temple, R. Ball, P.K. Weathersby, E.C. Parker, & S.S. Survanshi	The dive profiles and manifestations of decompression sickness cases after air and nitrogen-oxygen dives - Volume 1: Data set summaries, manifestations, description, and Key files	1999
11	S. A. Sipinen, J. Ahovuuo, and J.-P. Halonen	Electroencephalography and magnetic resonance imaging after diving and decompression incidents: a controlled study	1999-07
12	Boussuges A, Lafay V, Carturan D, Fondarai JA, Sainty JM, & Gardette B	Comparison of continuous wave Doppler and pulsed Doppler guided by 2D echocardiography in the detection of venous gas emboli.	1999
13	D. Carturan, A. Boussuges, F. Molenat, and 3 other scientists	Ascent rate and circulating venous bubbles in recreational diving	1999
14	David E. Yount, Eric B. Maiken, & Erik C. Baker	Implications of the Varying Permeability Model for Reverse Dive Profiles	1999
15	J. F. Himm, & L. D. Homer	A model of extravascular bubble evolution: effect of changes in breathing gas composition	1999

17	D Carturan, A Boussuges, P Vanuxem, A Bar-hen, H Burnet, & B Gardette	Ascent rate, age, maximal oxygen uptake, adiposity, and circulating venous bubbles after diving.	1999
18	David Smart, Sean Rubidge, Peter McCartney, and Corry Van Den Broek	Tasmania's aquaculture industry: A ten-year review of improved diving safety	1999-11
19	UK HSE	UK HSE - Decompression Trials National Hyperbaric Centre, 1999 Offshore technology report - Oto 1999053	1999-11
20	Smithsonian institution	Reverse dive profile workshop	1999
2000 - 2002			
2	David M. Domskey, Charles B. Toner, Shalini Survanshi, Andreas Fahlman, Erich Parker, & Paul Weathersby	Natural history of severe decompression sickness after rapid ascent from air saturation in a porcine model.	2000
5	Shi Zhong-yuan	Research on Nitrogen-Oxygen Saturation Diving with Repetitive Excursions	2000
6	University College London	Brief introduction to bioimpedance	2000
7	R. Srinivasan, Wayne A. Gerth, Michael R. Powell	A mathematical model of diffusion-limited gas bubble dynamics in tissue with varying diffusion region thickness.	2000-06
8	Wienke (B, R.), & O'Learly	Reduced gradient bubble model – Diving algorithm basis and comparisons	2000
9	Peter Wilmshurst, & Philip Bryson	Relationship between the clinical features of neurological decompression illness and its causes.	2000
10	Brian (Johnny E. Jr)	Gas exchange, partial pressure gradients, and the oxygen window	2000
11	R. S. Lillo, & E. C. Parker	Mixed-gas model for predicting decompression sickness in rats	2000
12	A. Hjelde, s. Kotengz, O. Eftedalz, A. O. Brubakk	Surface tension and bubble formation after decompression in the pig	2000
13	Valerie Flook, Ronald Nishi, Aaron Khan	Modelling and Validation of Treatment Tables for Severe Decompression Accidents	2000-10
15	Richard L. Pyle	Insights on Deep Bounce Dive Safety From the Technical Diving community.	2000-11
16	Imbert (Jean pierre)	Decompression safety	2000
17	VM Lee, & AE Hay)	Altitude Decompression Illness - The Operational Risk at Sustained Altitudes up to 35,000 ft	2000
19	O. Hyldegaard, D. Kerem, & Y. Melamed	Effect of combined recompression and air, oxygen, or heliox breathing on air bubbles in rat tissues	2001
21	Annette. Branger, Chris. Lambertsen, & David Eckmann	Cerebral gas embolism absorption during hyperbaric therapy: theory	2001
22	Divers Alert Network, Durham	DAN Nitrox workshop proceeding	2001
24	Markus Schwerzmann, Christian Seiler	Recreational scuba diving, patent foramen ovale and their associated risks	2001-06
27	P. T. Wilmshurst, M. J. Pearson, K. P. Walsh, W. L. Morrison, & P. Bryson	Relationship between right-to-left shunts and cutaneous decompression illness	2001
28	Z. Nachum, A. Shupak, O. Spitzer, Z. Sharoni, & 4 scientists	Inner Ear Decompression Sickness in Sport Compressed-Air Diving	2001

30	Andreas Fahlman, Peter Tikuisis, Jeffrey F. Himm, Paul K. Weathersby, & Susan R. Kayar	On the likelihood of decompression sickness during H2 biochemical decompression in pigs	2001
34	R.G Dunford, R. D. Vann, W. A. Gerth, and 4 scientists	The incidence of venous gas emboli in recreational diving.	2002
35	Ryszard KLos, Ron Nishi, Roman Olszanski	Validation of diving decompression tables	2002-02
37	Steffen Skogland, Kare Segadal, Harald Sundland, & Arvid Hope	Gas bubbles in rats after heliox saturation and different decompression steps and rates	2002-03
38	Brubback, Hemmingsen, Sundnes	Supersaturation and bubble formation in fluids and organisms (Translated in French language)	2002
39	Frederick W. Rudge	Effects of decreased pressure decompression illness	2002
40	Henning Lykke Andersen	Decompression sickness during construction of the Great Belt Tunnel, Denmark	2002
41	R.S. Lillo, J.F. Himm, P.K. Weathersby, D.J. Temple, K.A. Gault, & D.M. Dromsky	Using animal data to improve prediction of human decompression risk following air-saturation dives	2002
42	Ryszard Klos, Ron Nishi, & Roman Olszanski	Validation of Decompression Tables	2002
45	D. Carturan, A. Boussuges, P. Vanuxem, A. Bar-Hen, + 2 scientists	Ascent rate, age, maximal oxygen uptake, adiposity, and circulating venous bubbles after diving.	2002
46	Wayne A. Gerth, Thomas M. Johnson	Development and validation of 1.3 ata PO2-in-He Decompression tables for the MK 16 Mod 1 UBA.	2002-08
51	Y. Arieli, R. Arieli, A. Marx, R. Arieli,	Hyperbaric oxygen may reduce gas bubbles in decompressed prawns by eliminating gas nuclei	2002
55	Bruce R. Wienke, Timothy R. O'Leary	Deep stops and deep helium	2002
56	DJ Doolette, & DF Gorman	Evaluation of decompression safety in an occupational diving group using self reported diving exposure and health status	2002
57	Valerie Flook,	Modifications to heliox tables to reduce extent of bubble formation	2002
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1	Valerie Flook,	Reducing risk for upward excursions	2003
2	Emmanuel Cantais, Pierre Louge, Alain Suppini, Philip P. Foster, Bruno Palmier	Right-to-left shunt and risk of decompression illness with cochleovestibular and cerebral symptoms in divers: Case control study in 101 consecutive dive accidents	2003-01
3	Nadan petri & Dejan Andrie	Differential Diagnostic Problems of Decompression Sickness - Examples from Specialist Physicians' Practices in Diving Medicine	2003-02
4	S. Skogland, L.E.B. Stuhr, H. Sundland, S. Marstein, A. Hope	Increased oxygen before and during decompression reduces bubble formation in rats	2003-02
5	Dejan Andric, Nadan m. Petri, Hrvoje Stipancevic, Lena Vranjkovic Petri, Hasan Kovacevic	Change of occurrence of type 1 and type 2 decompression sickness of divers treated at the Croatian Naval Medical Institute in the period from 1967 to 2000	2003
9	Unimed Scientific Limited for the UK HSE	A comparison of oxygen decompression tables for use in compressed air work	2003
11	The Undersea and Hyperbaric Medical Society	Report of the decompression illness adjunctive therapy committee of the undersea and hyperbaric medical society - Including Proceedings of the Fifty-Third Workshop of the Undersea and Hyperbaric Medical Society	2003
15	David J Doolette, Simon J Mitchell	A biophysical basis for inner ear decompression sickness	2003

20	A. O Brubakk, A. J. Arntzen, B. R. Wienke, & S. Koten	Decompression profile and bubble formation after dives with surface decompression: Experimental support for a dual phase model of decompression.	2003
21	Andrew P Colvin	Human Factors in Decompression Sickness in Compressed Air Workers in the United Kingdom 1986-2000 - A Case-Control Study and Analysis using the HSE Decompression Database.	2003
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6	Sandra Rea Torti, Michael Billinger, Markus Schwerzmann, Rolf Vogel, Rainer Zbinden, Stephan Windecker, Christian Seiler	Risk of decompression illness among 230 divers in relation to the presence and size of patent foramen ovale.	2004-04
8	Jacek Kot, Zdzislaw Sicko, Tadeusz Doboszynski	Delayed Treatment of Bubble-Related Illnesses in Diving – Review of Standards	2004-04
9	Valerie Flook,	Yoyo diving and the risk of decompression illness https://www.hse.gov.uk/research/rrhtm/rr214.htm (Francis)	2004
13	A. Marroni, P. B. bennett, F. J. Cronje, R. Cali-Corleo, & 4 scientists	A deep stop during decompression from 82 fsw (25 m) significantly reduces bubbles and fast tissue gas tensions.	2004
14	Valerie Flook	Excursion tables in saturation diving - decompression implications of current UK practice	2004-06
16	Ursula G. Kyle, Ingvar Bosaeus, Antonio D. De Lorenzo, Paul Deurenberg, Marinos Elia, Jose Manuel Gomez, Berit Lilienthal Heitmann, Luisa Kent-Smith, Jean-Claude Melchior, Matthias Pirlich, Hermann Scharfetter, , Annemie M.W.J. Schols, Claude Pichard	Bioelectrical impedance analysis - part I: review of principles and methods	2004-06
21	W. P. Butler	Caisson disease during the construction of the Eads and Brooklyn Bridges: A review.	2004
23	R.D Vann, W.A Gerth, P.J Denoble, C.F Pieper, & E.D Thalmann	Experimental trials to assess the risks of decompression sickness in flying after diving	2004
25	UK HSE	Excursion tables in saturation diving decompression implications of current UK practice	2004
28	Imbert (Jean pierre), Hugon (J.), & Paris (D.)	The arteial bubble model for decompression tables calculations	2004
29	Charles B. Toner, & Robert Ball	The effect of temperature on decompression and decompression sickness risk: A critical review	2004
30	K. Kohshi, R. M. Wong, H. Abe, T. Katoh, T. Okudera, & Y. Mano	Neurological manifestations in Japanese Ama divers	2004
31	HD Van Liew, & ET Flynn	Graphical analysis: Decompression tables and dive-outcome data	2004
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1	Z. Dujic, I. Palada, A. Obad, D. Duplancic, D. Bakovic, & Z. Valic	Exercise during a 3-min decompression stop reduces postdive venous gas bubbles	2005
3	Glenn H. Taylor	Counterdiffusion Diving: Using Isobaric Mix Switching To Reduce Decompression Time	2005-03
4	Richard D. Vann, Petar J. Denoble, Donna M. Ugucioni, Neal W. Pollock, , John J. Freiburger, Carl F. Pieper, W.A. Gerth, and Robert Forbes	The Risk of Decompression Sickness (DCS) is Influenced by Dive Conditions	2005-03
5	W Padilla, H B Newton, S Barbosa)	Weber's syndrome and sixth nerve palsy secondary to decompression illness: A case report.	2005-03
8	David M. Dromsky, Bruce D. Spiess, & Andreas Fahlman	Treatment of Decompression Sickness in Swine with Intravenous Perfl uorocarbon Emulsion	2005
13	John B. West	Robert Boyle's landmark book of 1660 with the first experiments on rarified air	2005
15	R.W. Bill Hamilton	Improving decompression with custom table design	2005

16	James T. Webb, Andrew A. Pilmanis, ULF I. Balldin, & Joseph R. Fisher	Altitude Decompression Sickness Susceptibility: Influence of Anthropometric and Physiologic Variables	2005
18	R. Klos	Validation of decompression schedules for the Polish Navy	2005
19	JP Imbert	Deep diving: The comex experience	2005
20	Carl Edmonds, Stephanie McInnes and Michael Bennett	Reverse dive profiles: the making of a myth	2005-09
22	Anthony Carter, Reinhold Muller and Angus Thompson	The rate of decompression sickness in scientific diving at the Australian Institute of Marine Science (Townsville) 1996 to 2001	2005-09
30	H.D. Van Liew and E.T. Flynn	Direct ascent from air and N ₂ -O ₂ saturation dives in humans: DCS risk and evidence of a threshold.	2005-11
31	Manfred R. Enstipp, David Grémillet, & Svein-Håkon Lorentsen	Energetic costs of diving and thermal status in European shags (Phalacrocorax aristotelis)	2005
33	Jean-Eric Blatteau, Emmanuel Gempp, Francis-Michel Galland, Jean-Michel Pontier + 2 other scientists	Aerobic exercise 2 hours before a dive to 30 msw decreases bubble formation after decompression	2005
2006			
2	J.-E. Coulange, J.-E. Blatteau, O. Le Penetier, F. Joulia, P. Constantin, A. Desplantes, A. Henckes, V. Lafay, A. Kauert, R. Pignel, B. Barberon, P. Louge, A. Barthélémy	Accidents en plongée subaquatique en milieu hyperbare	2006-01
4	Andreas Fahlman and David M. Dromsky	Dehydration Effects on the Risk of Severe Decompression Sickness in a Swine Model	2006-02
7	Zeljko Dujic, Ivan Palada, Zoran Valic, Ante Obad, & Vladimir Ivancev	Venous bubble count declines during strenuous exercise after an open sea dive to 30 m	2006
8	Zeljko Dujic, Ivan Palada, Darko Duplancic, Ante Obad, & 2 Scientists	Exogenous Nitric Oxide and Bubble Formation in Divers	2006
9	Andreas Fahlman, David M. Dromsky	Dehydration Effects on the Risk of Severe Decompression Sickness in a Swine Model	2006
12	A. Landolfi, Z.J. Yang, F. Savini, and 3 other scientists	Pre-treatment with hyperbaric oxygenation reduces bubble formation and platelet activation	2006
15	Jean-Eric Blatteau, Jean-Baptiste Souraud, Emmanuel Gempp, & Alain Boussuges	Gas nuclei, their origin, and their role in bubble formation	2006
16	A. Møllerløkken, V. J. Berge, A. Jørgensen, U. Wisløff, and A. O. Brubakk	Effect of a short-acting NO donor on bubble formation from a saturation dive in pigs	2006-07
17	Michael Chappell	Modelling and Measurement of Bubbles in Decompression Sickness	2006
20	Sandro Longo	The effects of air bubbles on ultrasound velocity measurements	2006
21	Hugh Dainer, John Nelson, Kathryn Brass, Elizabeth Montcalm-Smith, and Richard Mahon	Short oxygen prebreathing and intravenous perfluorocarbon emulsion reduces morbidity and mortality in a swine saturation model of decompression sickness	2006
23	Jan Risberg	The relative safety of forward and reverse diving profiles	2006
24	I Grover	The SANDHOG criteria and its validation for the diagnosis of DCS arising from bounce diving.	2006
25	H.B. Newton, W. Padilla, J. Burkart, D. K. Pearl	Neurological manifestations of decompression illness in recreational divers - the Cozumel experience	2006-11
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3	R. Ariel, P. Svidovsky, A. Abramovich	Decompression sickness in the rat following a dive on trimix: recompression therapy with oxygen vs. heliox and oxygen	2007
9	Zoran Valic, Ivan Palada, and Zeljko Dujic	Short-acting NO donor and decompression sickness in humans	2007-04
10	Saul Goldman	A new class of biophysical models for predicting the probability of decompression sickness in scuba diving	2007
11	O. Hyldegaard, T. Jensen	Effect of heliox, oxygen and air breathing on helium bubbles after heliox diving	2007
14	C. E. Fife, D. R. Smart, P. J. Sheffield, H. W. Hopf, G. Hawkins, D. Clarke	Transcutaneous Oximetry in Clinical Practice: Consensus statements from an expert panel based on evidence	2007-06
15	Neal W Pollock	Use of ultrasound in decompression research	2007
16	Wayne A. Gerth, David J. Doolette	VVal-18 and VVal-18M Thalmann Algorithm Air Decompression Tables and Procedures	2007
17	Jean-Eric Blatteau, Alain Boussuges, Emmanuel Gempp, Jean-Michel Pontier & 4 other scientists	Haemodynamic changes induced by submaximal exercise before a dive and its consequences on bubble formation	2007
19	Andreas Möllerlökken, Christian Gutvik, Vegard J. Berge, Arve Jørgensen & 2 other scientists	Recompression During Decompression and Effects on Bubble Formation in the Pig	2007
20	Ran Arieli	Heliox, nitrox, and trimix diving; hyperbaric oxygen treatment; and a flaw in Henry's law	2007
22	R B Wienke	Commentary on Viewpoint "Heliox, nitrox, and trimix diving; hyperbaric oxygen treatment; and a flaw in Henry's law"	2007
23	Olav Sande Eftedal	Ultrasonic detection of decompression induced vascular microbubbles	2007-09
25	Agot Irgens, Marit Grønning, Kari Troland, Endre Sundal, Harald Nyland, and Einar Thorsen	Reduced health-related quality of life in former North Sea divers is associated with decompression sickness	2007-09
26	C. A. Duplessis, D. Fothergill, D. Shwaller, & J. Gertner	Prophylactic statins as a possible method to decrease bubble formation in diving	2007
27	O. S. Eftedal, AS. Lydersen, & Alf O. Brubakk	The relationship between venous gas bubbles and adverse effects of decompression after air dives	2007
31	Ksenya Katsenelson, Yehuda Arieli, Amir Abramovich, Moshe Feinsod & Ran Arieli	Hyperbaric oxygen pretreatment reduces the incidence of decompression sickness in rats	2007
32	O. Hyldegaard, J. Madsen	Effect of hypobaric air, oxygen, heliox (50:50), or heliox (80:20) breathing on air bubbles in adipose tissue	2007
33	P.B. Bennett, A. Marroni, F.J. Cronje, R. Cali-Corleo, P. Germonpre, M. Pieri, C. Bonuccelli, M.G. Leonardi, and C. Balestra	Effect of varying deep stop times and shallow stop times on precordial bubbles after dives to 25 msw (82 fsw).	2007-12
2008			
4	Michael Knauth	Long-Term Neurologic Damage and Brain Lesions in Recreational Divers	2008-01
5	Melissa K. Brown, David C. Willms	Heliox therapy	2008
7	Zeljko Dujic, Zoran Valic, Alf O. Brubakk	Beneficial role of exercise on SCUBA diving	2008
8	E Gempp, J E Blatteau, J-M Pontier, C Balestra, & P Louge	Preventive effect of pre-dive hydration on bubble formation in divers	2008
9	H.B. Newton, J. Burkart, D.K. Pearl, W. Padilla	Neurological Decompression Illness and Hematocrit: Analysis of a consecutive series	2008-03

13	Mitchel (simon), Doolette (David J.)	Selective vulnerability of the inner ear to decompression sickness in divers with right-to-left shunt: the role of tissue gas supersaturation.	2008
15	Ian Millar, Peter G Mouldey	Compressed breathing air - The potential for evil from within	2008
17	Martin DJ Sayer, Jim Akroyd and Guy D Williams	Comparative incidences of decompression illness in repetitive, staged mixed-gas decompression diving: Is dive fitness an influencing factor	2008-06
20	DAN	DAN report on decompression illness, diving fatalities and project Dive Exploration: 2006 edition (based on 2004 data)	2008-06
21	T Breskovic, P Denoble, I Palada, A Obad, Z Valic, D Glavas, D Bakovic, and Z Dujic	Venous gas bubble formation and decompression risk after scuba diving in persons with chronic spinal cord injury and able-bodied controls	2008-06
22	Valerie Flook,	Decompression risks of excursions	2008
24	Undersea and Hyperbaric Medical Society	Decompression and the deep stop workshop	2008
27	Keith a. Gault	Potential benefits of navy dive computer use in ship husbandry diving: Analysis of dives conducted at puget sound naval shipyard	2008
28	Nico A.M. Schellart, Jan-Jaap Brandt Corstiu, Peter Germonpré, & Wouter Sterk	Bubble Formation After a 20-m Dive	2008
29	D Levett, & I L Milar	Bubble trouble: a review of diving physiology and disease	2008
30	Emmanuel Gemp, Jean Eric Blatteau, Eric Stephan, Pierre Louge	Relation Between Right-to-Left Shunts and Spinal Cord Decompression Sickness in Divers	2008-09
31	Simon J. Mitchell & David J. Doolette	Selective vulnerability of the inner ear to decompression sickness in divers with right-to-left shunt: the role of tissue gas supersaturation	2008-09
33	Jean- Éric Blatteau, Emmanuel Gemp, Costantino Balestra, Tony Mets, & Peter Germonpre	Predictive Sauna and Venous Gas Bubbles Upon Decompression from 400 kPa	2008
36	T. Randsøe, T. M. Kvist, & O. Hyldegaard	Effect of oxygen and heliox breathing on air bubble in adipose tissue during 25 Kpa altitude exposures	2008
42	Nico A.M. Schellart, Jan-Jaap Brandt Corstius, Peter Germonpré, Wouter Sterk	Bubble formation after a 20-m dive: Deep-stop vs. shallow-stop decompression profiles	2008
44	Leigh A. Madden, & Gerard Laden	Gas bubbles may not be the underlying cause of decompression illness – The at-depth endothelial dysfunction hypothesis.	2008
45	T.P. van Rees Vellinga, W. Sterk, A.G.E.M. de Boer, A.J. van der Beek, A.C. Verhoeven, F.J.H. van Dijk	Doppler ultrasound surveillance in deep tunneling compressed-air work with Trimix breathing: Bounce dive technique compared to saturation-excitation technique.	2008-12
2009			
3	Philip P. Foster, Bruce D. Butler	Decompression to altitude: assumptions, experimental evidence, and future directions	2009
4	Richard D. Vann, Petar J. Denoble, Laurens E. Howle, Paul W. Weber, John J. Freiburger, & Carl F. Pieper	Resolution and Severity in Decompression Illness	2009
5	C. Antonelli, F. Franchi, M. E. Della Marta, A. Carinci, G. Sbrana, P. Tanasi, L. De Fina, M. Brauzzi	Guiding principles in choosing a therapeutic table for DCI hyperbaric therapy	2009-03
8	Jean-Michel Pontier, François Guerrero, Olivier Castagna	Bubble Formation and Endothelial Function Before and After 3 Months of Dive Training	2009
10	Emmanuel Gemp, Jean-Eric Blatteau	Risk factors and treatment outcome in scuba divers with spinal cord decompression sickness	2009
11	Jean-Eric Blatteau, Jean-Michel Pontier	Effect of in-water recompression with oxygen to 6 msw versus normobaric oxygen breathing on bubble formation in divers	2009

13	Frédéric Lemaître, Daniel Carturan, Claire Tourny-Chollet, & Bernard Gardette	Circulating Venous Bubbles in Children After Diving	2009
15	J. Hugon, L. Barthélemy, J.C. Rostain, B. Gardette	The pathway to drive decompression microbubbles from the tissues to the blood and the lymphatic system as a part of this transfer	2009-06
17	BR Bollinger, JC Wilbur, TG Donoghue, SD Phillips, & 4 scientists	Dual-frequency ultrasound detection of stationary microbubbles in tissue.	2009
20	J. C. Wilbur, S. D. Phillips, T. G. Donoghue, D. L. Alvarenga, & 3 scientists	Signals consistent with microbubbles detected in legs of normal human subjects after exercise	2009
21	T. Randsoe, & O. Hyldegaard	Effect of oxygen breathing and perfluorocarbon emulsion treatment on air bubbles in adipose tissue during decompression sickness	2009
22	Peter Germonpré, Jean-Michel Pontier, Emmanuel Gempp, Jean-Eric Blatteau, & 4 other scientists	Pre-Dive Vibration Effect on Bubble Formation After a 30-m Dive Requiring a Decompression Stop	2009
23	Avid J Doolette, Wayne A Gerth, & Keith A Gault	Risk of central nervous system decompression sickness in air diving to no-stop limits	2009
24	Olivier Castagna, Emmanuel Gempp, & Jean-Eric Blatteau	Pre-dive normobaric oxygen reduces bubble formation in scuba divers	2009
25	Lang (Michael A.), Brubakk (Alf. O.)	The future of diving: 100 years of haldane and beyond	2009
26	B.R. Wienke	On Validation of a Popular Sport Diving Decompression Model	2009-09
29	Alf O Brubakk and Andreas Møllerløkken	The role of intra-vascular bubbles and the vascular endothelium in decompression sickness	2009-09
30	Colin M Wilson, John AS Ross and Martin DJ Sayer	Saturation treatment in shore-based chambers for divers with deteriorating cerebro-spinal decompression sickness	2009-09
32	Alf O Brubakk and Andreas Møllerløkken	The role of intra-vascular bubbles and the vascular endothelium in decompression sickness	2009-09
34	Jean-Michel Pontier, Nicolas Vallee, and Lionel Bourdon	Bubble-induced platelet aggregation in a rat model of decompression sickness.	2009-10
35	J H Breedijk, G J G M Van Der Putten, L M Schrier, W Sterk	Evaluation of decompression tables by Doppler technique in caisson work in the Netherlands	2009
36	P David Cooper, Corry Van den Broek, David R Smart, Ron Y Nishi, and David Eastman	Hyperbaric chamber attendant safety I: Doppler analysis of decompression stress in multiplace chamber attendants	2009
37	Martin DJ Sayer, John AS Ross, & Colin M Wilson	Analysis of two datasets of divers with actual or suspected decompression illness	2009
38	Hideki Tamaki, Kiyotaka Kohshi, Shuichi Sajima, Junichiro Takeyama, Takashi Nakamura, Hideo Ando, Tatsuya Ishitake	Repetitive breath-hold diving causes serious brain injury	2009-11
39	John A. S. Ross, Jennifer I. Macdiarmid, Finlay D. Dick and Stephen J. Watt	Hearing symptoms and audiometry in professional divers and offshore workers	2009-11
41	Frederik Kragerud Gøpken, Marit Grønning, Torbjørn Aasen, tein Helge Glad Nordahl	Vestibular effects of diving - a 6-year prospective study	2009
42	Kim-Vdar Rasdal, Astrid Hjede, Andrea Møllerløkken, Nina Lundset, & Alf Ottar Brubakk	Aortic Function in Rats After Decompression Without Ultrasonically Detectable Bubble Formation	2009-12
44	Frederic Lemaître, Andreas Falhman, Bernard Gardette, & Kiyotaka Kohshi	Decompression sickness in breath-hold divers: A review	2009
2010			
1	Tamer Ozyigit, Salih Murat Egi, Petar Denoble, Costantino Balestra, Salih Aydin, Richard Vann, and Alessandro Marroni	Decompression Illness Medically Reported by Hyperbaric Treatment Facilities: Cluster Analysis of 1929 Cases	2010-01

3	Venkata M. Alla, Nagendra Natarajan, Manu Kaushik, Rugmini Warriar, & Chandra K. Nair	Paget-Schroetter Syndrome: Review of Pathogenesis and Treatment of Effort Thrombosis	2010
4	Chong Si Jack, Liang Weihao, Kim Soo Joang, & Kang Wee Lee	Future synergism in diving accident management: The Singapore model	2010
6	Le Feng, Christian R. Gutvik, Tor A. Johansen, Dan Sui	Barrier Function Nonlinear Optimization for Optimal Decompression of Divers.	2010
11	Jean-Eric Blatteau, E. Gempp, O. Simon, M. Coulange, & 12 scientists	Prognostic Factors of Spinal Cord Decompression Sickness in Recreational Diving: Retrospective and Multicentric Analysis of 279 Cases.	2010
12	Vanessa Carli Bones Silla, Elaine Cristina de Oliveira Sans, & Carla Forte Maiolino Molento	An Estimation of the Extent of Animal Use in Research in Brazil, as Determined by Bibliographic Sampling from Journals Published in the State of Paraná	2010
13	Ante Obad, Jasna Marinovic, Marko Ljubkovic, Toni Breskovic, Darko Modun, Mladen Boban, and Zeljko Dujic	Successive deep dives impair endothelial function and enhance oxidative stress in man	2010-07
15	Gezina T.M.L. Oei, Nina C. Weber, Markus W. Hollmann, & Benedikt Preckel	Cellular Effects of Helium in Different Organs	2010
17	V. Lobo, A. Patil, A. Phatak, & N. Chandra	Free radicals, antioxidants and functional foods: Impact on human health	2010
18	Saul Goldman	Free energy wells for small gas bubbles in soft deformable materials	2010
19	Michael H. Bennett, MD, FANZCA, Jan P. Lehm, Simon J. Mitchell, & 2 other scientists	Recompression and Adjunctive Therapy for Decompression Illness: A Systematic Review of Randomized Controlled Trials	2010
20	Mario Alaimo, Giuseppe Aiello, Eduardo Marino, Leila Zummo, & Francesco Cappello	Taravana: Documentation of Bubbles by Computerized Tomography	2010
21	Olivier Castagna, Emmanuel Gempp, & Jean-Eric Blatteau	Preconditioning methods and mechanisms for preventing the risk of decompression sickness in scuba divers: A review	2010
23	Olivier Castagna, Jeanick Brisswalter, Nicolas Vallee, & Jean-Eric Blatteau	Endurance exercise immediately before sea diving reduces bubble formation in scuba divers	2010
24	Wayne A. Gerth	Thalmann Algorithm Decompression Table Generation Software Design Document	2010
29	Marko Ljubkovic, Zeljko Dujic, Andreas Mollerlokken, Darija Bakovic, & 4 scientists	Venous and Arterial Bubbles at Rest after No-Decompression Air Dives	2010
30	Rohit Verma	A case of decompression illness during saturation diving	2010
31	Stephen R. Thom, Ming Yang, Veena M. Bhopale, Shaohui Huang, & Tatyana N. Milovanova.	Microparticles initiate decompression-induced neutrophil activation and subsequent vascular injuries.	2010
32	Ran Arieli, Elran Boaron, Yehuda Arieli, Amir Abramovich, Ksenya Katsenelson	Oxygen pretreatment as protection against decompression sickness in rats: pressure and time necessary for hypothesized denucleation and renucleation	2010-11
33	Marko Ljubkovic, Jasna Marinovic, Ante Obad, and 4 scientits	High incidence of venous and arterial gas emboli at rest after trimix diving without protocol violations	2010
2011			
2	M. Rozloznik, W. Hemelryck, F. Tilmanns, V. Papadopoulou, & 2 other scientists	Effect of pre-dive hydration on venous gas bubble production in divers.	2011
4	R. Arieli, A. Marmur	Decompression sickness bubbles: Are gas micronuclei formed on a flat hydrophobic surface?	2011-02
7	S Lesley Blogg, and Mikael Gennser	The need for optimisation of post-dive ultrasound monitoring to properly evaluate the evolution of venous gas emboli.	2011-03
9	Jean-Eric Blatteau, Emmanuel Gempp, Pascal Constantin and Pierre Louge	Risk factors and clinical outcome in military divers with neurological decompression sickness: influence of time to recompression.	2011-03

11	Christian R Gutvik, Tor Arne Johansen, & Alf O Brubakk	Optimal Decompression of Divers [Applications of Control]	2011
12	A. Møllerløkken, S. E. Gaustad, M. B. Havnes, C. R. Gutvik, & 3 other scientists	Venous gas embolism as a predictive tool for improving CNS decompression safety	2011
13	O. Hyldegaard, D. Kerem, & Y. Melamed	Effect of isobaric breathing gas shifts from air to heliox mixtures on resolution of air bubbles in lipid and aqueous tissues of recompressed rats	2011
14	Doolette (david J.), Gerth (Wayne A.), Gault (Keith a.)	Redistribution of decompression stop time from shallow to deep stops increases incidence of decompression sickness in air decompression dives.	2011
15	Johnny Conkin	Preventing Decompression Sickness Over Three Decades of Extravehicular Activity.	2011-06
18	Valerie Flook,	Predictions from a mathematical model of decompression compared to Doppler scores	2011-06
19	Jean-Eric Blatteau, Julien Hugon, Emmanuel Gempp, Olivier Castagna, & 2 scientists	Oxygen breathing or recompression during decompression from nitrox dives with a rebreather: effects on intravascular bubble burden and ramifications for decompression profiles	2011
20	Marko Ljubkovic, Jaksa Zanchi, Toni Breskovic, Jasna Marinovic, + 2 scientists	Determinants of arterial gas embolism after scuba diving	2011
21	Michael A. Lang	Dive Computer Program Management in Scientific Diving	2011-08
22	Costantino Balestra	Dive Computer Use in Recreational Diving: Insights from the DAN-DSL Database	2011-08
23	S Lesley Blogg, Andreas Møllerløkken	The Use of Venous Gas Emboli to Validate Dive Computers.	2011-08
24	Sergio A. Angelini	Validation of Dive Computer Algorithms	2011-08
25	David J. Doolette, Keith A. Gault, Wayne A. Gerth, F. Greg Murphy	US Navy dive computer validation	2011-08
26	Arne Sieber, Milena Stoianova, Ewald Jobstl, Alaine Azzopardi, Martin DJ Sayer, Matthias F. Wagner	Dive Computers: The Need for Validation and Standards	2011-08
27	Karl E Huggins	Dive computer considerations	2011-08
28	RW Bill Hamilton	Dive computer validation procedures	2011-08
29	Robert Weenink	Advances in diagnosis and treatment of cerebral arterial gas embolism	2011-08
30	Michiel A. J. van Limbeek, and James R. T. Seddon	Surface nanobubbles as a function of gas type.	2011-08
31	Brian Cumming	British Sub-Aqua Club (BSAC) diving incidents report 2010	2011-08
32	Fionn Murtagh, and Pierre Legendre	Ward's Hierarchical Clustering Method: Clustering Criterion and Agglomerative Algorithm.	2011-08
33	Andreas Møllerløkken, Toni Breskovic, Ivan Palada, Zoran Valic, Zeljko Dujic, and Alf O Brubakk)	Observation of increased venous gas emboli after wet dives compared to dry dives	2011
34	Jasna Marinovic, Marko Ljubkovic, Toni Breskovic, and 6 other scientists	Effects of successive air and nitrox dives on human vascular function	2011
37	Ming Yang, Tatyana N. Milovanova, Marina Bogush, Günalp Uzun, Veena M. Bhopale, and Stephen R. Thom	Microparticle enlargement and altered surface proteins after air decompression are associated with inflammatory vascular injuries	2011-09

38	Jean-Eric Blatteau, Emmanuel Gempp, Pascal Constantin, & Pierre Louge	Risk factors and clinical outcome in military divers with neurological decompression sickness: influence of time to recompression	2011
44	S.K. Hooker, A. Fahlman, M.J. Moore, N. Aguilar de Soto, & 24 scientists	Deadly diving? Physiological and behavioural management of decompression stress in diving mammals	2011
2012			
3	N.A.M. Schellart, W. Sterk	Venous gas embolism after an open-water air dive and identical repetitive dive	2012
4	Nicolas Vallee, Cédric Meckler, Jean-Jacques Risso, & Jean-Eric Blatteau	Neuroprotective role of the TREK-1 channel in decompression sickness	2012
8	Stephen R. Thom, Tatyana N. Milovanova, Marina Bogush, Veena M. Bhopale, Ming Yang, Kim Bushmann, Neal W. Pollock, Marko Ljubkovic, Petar Denoble, and Zeljko Dujic	Microparticle production, neutrophil activation, and intravascular bubbles following open-water SCUBA diving	2012-02
9	Doolette (david J.), Gerth (Wayne A.)	VVal-79 Maximum permissible tissue tension table for Thalmann algorithm support of air diving.	2012
13	Masaki Fujioka, Daisuke Niino, Masahiro Ito, & Yohjiro Matsuoka	Fatal Paradoxical Air Embolism Diagnosed by Postmortem Imaging and Autopsy	2012
21	Yara Bernaldo de Quirós, Oscar González-Díaz, Manuel Arbelo, Eva Sierra, Simona Sacchini, Antonio Fernández	Decompression vs. decomposition: distribution, amount, and gas composition of bubbles in stranded marine mammals	2012-06
22	Christoph Klingmann, Nils Rathmann, Daniel Hausmann, Thomas Bruckner, & Rolf Kern	Lower risk of decompression sickness after recommendation of conservative decompression practices in divers with and without vascular right-to-left shunt	2012
23	Michael H Bennett, Simon J Mitchell, Derelle Young, & David King	The use of deep tables in the treatment of decompression illness: The Hyperbaric Technicians and Nurses Association 2011 Workshop	2012
28	Mayuree Sampanthavivat, Wararat Singkhwa, Thanasawat Chaiyakul, Sangdaw Karoonyawanich, and Haruthai Ajpru	Hyperbaric oxygen in the treatment of childhood autism: a randomised controlled trial	2012
30	Nada Bilopavlovic, Jasna Marinovic, Marko Ljubkovic, Ante Obad, & 4 scientists	Effect of repetitive SCUBA diving on humoral markers of endothelial and central nervous system integrity	2012
31	Emmanuel Gempp, Jean Morin, Pierre Louge, & Jean Eric Blatteau	Reliability of Plasma D-Dimers for Predicting Severe Neurological Decompression Sickness in Scuba Divers	2012
32	R. Arieli, & A Marmur	Dynamics of gas micronuclei formed on a flat hydrophobic surface, the predecessors of decompression bubbles.	2012
39	Albrecht Salm	Decompression calculations for trimix dives with PC software: variations in the time-to-surface: where do they come from?	2012-11
40	Wenbing Xu, Wenwu Liu, Guoyang Huang, ZiJiao Zou, Zhiyu Cai, Weigang Xu	Decompression Illness: Clinical Aspects of 5278 Consecutive Cases Treated in a Single Hyperbaric Unit.	2012-11
42	Ingrid Eftedal, Arve Jørgensen, Ragnhild Røsbjorgen, Arnar Flatberg, & Alf O. Brubakk	Early genetic responses in rat vascular tissue after simulated diving	2012
43	Stephen R. Thom, Ming Yang, Veena M. Bhopale, Tatyana N. Milovanova, Marina Bogush, and Donald G. Buerk	Intramicroparticle nitrogen dioxide is a bubble nucleation site leading to decompression-induced neutrophil activation and vascular injury.	2012-12
45	Jean-Eric Blatteau, Sandrine Barre, Aurelie Pascual, Olivier Castagna, & 3 other scientists	Protective Effects of Fluoxetine on Decompression Sickness in Mice	2012
2013			
2	Stephen R. Thom, Tatyana N. Milovanova, Marina Bogush, Ming Yang, & 7 other Scientists	Bubbles, microparticles, and neutrophil activation: changes with exercise level and breathing gas during open-water SCUBA diving	2013
3	Elizabeth B. Hutchinson, Aleksey S. Sobakin, Mary E. Meyerand, Marlowe Eldridge, and Peter Ferrazzano	Diffusion tensor MRI of spinal decompression sickness	2013-02
4	Oliver Sykes, and James E Clark	Patent foramen ovale and scuba diving: a practical guide for physicians on when to refer for screening	2013-02

7	Jean-Eric Blatteau, Alf O. Brubakk, Emmanuel Gempp, Olivier Castagna, & 2 other scientists	Sildenafil Pre-Treatment Promotes Decompression Sickness in Rats	2013
8	David J. Doolette, Wayne A. Gerth	Safe inner ear gas tensions for switch from helium to air breathing during decompression	2013
11	Virginie Papadopolou, Robert J. Eckersley, Costantino Balestra, Thodoris D. Karapantsios, & Meng-Xing Tang	A critical review of physiological bubble formation in hyperbaric decompression	2013
12	Neal W. Pollock, Jaksa Zanchi, Marko Ljubkovic, Petar J. Denoble, Zeljko Dujic, Shabbar I. Ranapurwala	Influence of repeated daily diving on decompression stress	2013-05
15	Virginie Papadopolou, Robert J. Eckersley, Costantino Balestra, Thodoris D. Karapantsios, Meng-Xing Tang	A critical review of physiological bubble formation in hyperbaric decompression	2013-06
16	Dennis Madden, Mislav Lozo, Zeljko Dujic, and Marko Ljubkovic	Exercise after SCUBA diving increases the incidence of arterial gas embolism.	2013-06
17	J. Zanchi, M. Ljubkovic, P. J. Denoble, Z. Dujic, S. Ranapurwala, N. W. Pollock	Influence of Repeated Daily Diving on Decompression Stress	2013-06
21	Thomas Randsoe, & Ole Hyldegaard	Threshold Altitude for Bubble Decay and Stabilization in Rat Adipose Tissue at Hypobaric Exposures	2013
22	Andrea Cortegiani, Grazia Foresta, Giustino Strano, Maria Teresa Strano, & 3 scientists	An Atypical Case of Taravana Syndrome in a Breath-Hold Underwater Fishing Champion: A Case Report	2013
23	Jean-Eric Blatteau, Julien Hugon, Olivier Castagna, Cédric Meckler, & 5 other scientists	Submarine Rescue Decompression Procedure from Hyperbaric Exposures up to 6 Bar of Absolute Pressure in Man: Effects on Bubble Formation and Pulmonary Function	2013
24	Nicolas Vallée, Sandrine Gaillard, André Peinnequin, Jean-Jacques Risso, & Jean-Eric Blatteau	Evidence of cell damages caused by circulating bubbles: high level of free mitochondrial DNA in plasma of rats	2013
25	Ramachandra Srini Srinivasan, Wayne A. Gerth	Mathematical Models of Diffusion-Limited Gas Bubble Evolution in Perfused Tissue.	2013-08
29	Kate Lambrechts, Jean-Michel Pontier, Jean-Michel Pontier, Peter Buzzacott, & 4 scientists	Effect of decompression-induced bubble formation on highly trained divers microvascular function	2013
31	Janice M. Yoshizawa, Christopher A. Schafer, Jason J. Schafer, James J. Farrell, Bruce J. Paster, David T. W. Wong	Salivary Biomarkers: Toward Future Clinical and Diagnostic Utilities.	2013-10
32	E Gempp, P Louge, T Lafolie, S Demaistre, & 2 other scientists	Relation between cervical and thoracic spinal canal stenosis and the development of spinal cord decompression sickness in recreational scuba divers	2013
36	Dorota Kaczerska, Piotr Siermontowski, Romuald Olszański, Karolina Krefft, & 2 scientists	The influence of high-fat diets on the occurrence of decompression stress after air dives	2013
37	Marco B. Hansen, Tejs Jansen, Michael B. Sifakis, Ole Hyldegaard, & Erik C. Jansen	Chamber personnel's use of Nitrox 50 during hyperbaric oxygen treatment: A quality study - Research report	2013
2014			
4	J.G. Swan, J.C. Wilbur, K.L. Moodie, S.A. Kane, & 6 scientists	Microbubbles are detected prior to larger bubbles following decompression	2014
5	Romuald Olszański, Piotr Radziwon, Jolanta Korsak, Piotr Siermontowski, & Mariusz Kozakiewicz	Evaluation of the risk of decompression sickness in divers	2014
6	Damien Fouan, Younes Achaoui, & Serge Mensah	Improvement of micro-bubble sizing using multi-harmonic excitations under 2 the transducer bandwidth constraint.	2014
8	Robert P. Weenink, Markus W. Hollmann, Astrid Zomervrucht, Pieter-Jan A.M. van Ooij, Robert A. van Hulst	A retrospective cohort study of lidocaine in divers with neurological decompression illness	2014-03
9	Costantino Balestra	The lymphatic pathway for microbubbles	2014-03
10	Konstantinos Tasios, Georgios G Sidiras, Vasileios Kalentzos, & Athina Pyrpasopoulou	Cutaneous decompression sickness	2014

11	David J Doolette, Keith A Gault, & Christian R Gutvik	Sample size requirement for comparison of decompression outcomes using ultrasonically detected venous gas emboli (VGE): power calculations using Monte Carlo resampling from real data.	2014
12	Peter Germonpré, Virginie Papadopoulou, Walter Hemelryck, Georges Obeid, & 5 scientists	The use of portable 2D echocardiography and 'frame-based' bubble counting as a tool to evaluate diving decompression stress	2014
13	Philippa Welfare, Mark Little, Peter Pereira, & Jamie Seymour	An in-vitro examination of the effect of vinegar on discharged nematocysts of <i>Chironex fleckeri</i>	2014
15	M. Gronning, J. Risberg, H. Skeidsvoll, G. Moen, L. Aanderud, K. Troland, E. Sundal, E. Thorsen	Electroencephalography and magnetic resonance imaging in neurological decompression sickness.	2014-05
16	Peter Buzzacott, Aleksandra Mazur, Qiong Wang, Kate Lambrechts, Michael Theron, Jacques Mansourati, and François Guerrero	A New Measure of Decompression Sickness in the Rat	2014-05
17	Ross Di Colerto	Specific gravity as a monitoring tool in heat stress management.	2014
19	R. Arieli, A. Marmur	Ex vivo Bubble Production from Ovine Large Blood Vessels: Size upon Detachment and Evidence of "Active Spots"	2014-06
21	Emmanuel Gempp, Pierre Louge, Sébastien De Maistre, Loïc Emile and Jean-Eric Blatteau	Neuron-specific enolase and S100B protein levels in recreational scuba divers with neurological decompression sickness	2014
22	Richard E. Moon, & Simon Mitchell	Hyperbaric oxygen for decompression sickness: 2021 update	2014
23	Zeljko Dujk, Davor Eterovic, Pero Denoble, Goran Krstacic, & Jadranka Tocilj	Lung diffusing capacity in a hyperbaric environment: Assessment by a rebreathing technique	2014
24	Tatuene (Kamtchum J.), Pignel (R), Pollak (P), & Lovblad (K. O.)	Neuroimaging of diving-related decompression illness: Current knowledge and perspectives (<i>Other writers: A. Kleinschmidt, and M.I. Vargas</i>)	2014
26	James Bell, Paul A. Thombs, William J. Davison, Lindell K. Weaver	Decompression tables for inside chamber attendants working at altitude.	2014-08
33	David R Smart, Corry Van den Broek, Ron Nishi, P David Cooper and David Eastman	Field validation of Tasmania's aquaculture industry bounce-diving schedules using Doppler analysis of decompression stress	2014-09
34	Sami F. Khalil, Mas S. Mohktar, & Fatimah Ibrahim	The Theory and Fundamentals of Bioimpedance Analysis in Clinical Status Monitoring and Diagnosis of Diseases	2014
36	Virginie Papadopoulou, Meng-Xing Tang, Costantino Balestra, Robert J. Eckersley, & Thodoris D. Karapantsios	Circulatory bubble dynamics: From physical to biological aspects	2014
37	Rasool Zarezaheh and Mohammad Ali Azarbayjani	The effect of air scuba dives up to a depth of 30 metres on serum cortisol in male divers	2014-10
40	Wienke (B. R.)	Bubble model & decompression computations	2014
41	Danilo Cialoni, Massimo Pieri, Costantino Balestra, & Alessandro Marroni	Flying after diving: In-flight echocardiography after a scuba diving week	2014
42	Lesley Blogg, Mikael Gennser, Andreas Møllerløkken, & Alf O Brubakk	Ultrasound detection of vascular decompression bubbles: the influence of new technology and considerations on bubble load	2014
2015			
1	Saul Goldman, J.M. Solano-Altamirano	Decompression Sickness in Breath-hold diving, and its probable connection to the growth and dissolution of small arterial gas emboli	2015-01
2	Otto F. Barak, Dennis Madden, Andrew T. Lovering, Kate Lambrechts, Marko Ljubkovic, and Zeljko Dujic	Very Few Exercise-Induced Arterialized Gas Bubbles Reach the Cerebral Vasculature.	2015-01
3	Mircea Degeratu, Simona Rus, & Ana Ion	optimization of diving with Nitrox over-oxygenated breathing mixtures to depths of 15 to 50 metres	2015
5	J.-E. Blatteau, C. Peny, F. Lecjercq, C. Robinet, E. Gempp, P. Louge, S. de Maistre, J.-M. Pontier, P. Constantin, M. Hugon	Techniques actuelles de sauvetage des sous-marins. Contexte de mise en oeuvre du Nato Submarine Rescue System.	2015-02

9	Alain Boussuges, & Frauke Tillmans	Bubble measurement techniques	2015
12	Peter Buzzacott, Virginie Papadopoulou, Adrian Baddeley, Nadan M. Petri, Folke Lind	Theoretical tissue compartment inert gas pressures during a deep dive with and without deep decompression stops: a case analysis	2015-03
18	Sigrid Theunissen, Costantino Balestra, Antoine Boutros, David De Bels, + 2 scientists	The effect of pre-dive ingestion of dark chocolate on endothelial function after a scuba dive.	2015
20	Virginie Papadopoulou, Sotiris Evgenidis, Robert J. Eckersley, Thodoris Mesimeris, Costantino Balestra, Margaritis Kostoglou, Meng-Xing Tang, Thodoris D. Karapantsios	Decompression induced bubble dynamics on ex-vivo fat and muscle tissue surfaces with a new experimental set up	2015-05
22	Ran Arieli, Uri Arieli, & Abraham Marmur	Bubbles size on detachment from the luminal aspect of ovine large blood vessels after decompression: The effect of mechanical disturbance.	2015
23	Mircea Degeratu, Simona Rus, & Ana Ion	Optimization of diving with “nitrox” over-oxygenated breathing mixtures to depths of 15 to 40 metres.	2015
25	Tom CPM Kemper, Rienk Rienks, Pieter-Jan AM van Ooij and Rob A van Huls	Cutis marmorata in decompression illness may be cerebrally mediated: a novel hypothesis on the aetiology of cutis marmorata	2015-06
26	Peter Germonpré	Persistent (patent) foramen ovale (PFO): implications for safe diving	2015-06
29	Jacek Kot, Zdzislaw Sicko, Tadeusz Doboszynski	The Extended Oxygen Window Concept for Programming Saturation Decompressions Using Air and Nitrox	2015
30	Simon J Mitchell, David J Doolette	Pathophysiology of inner ear decompression sickness: potential role of the persistent foramen ovale	2015
35	Nick Bushell	Human Decompression Modelling	2015
38	Stephen R. Thom, Michael Bennett, Neil D. Banham, Walter Chin, + 18 scientists	Association of microparticles and neutrophil activation with decompression sickness.	2015
39	Dror Tal, Hofit Shachar-Bener, Dov Hershkovitz, Yehuda Arieli, & Avi Shupak	Evidence for the initiation of decompression sickness by exposure to intense underwater sound	2015
41	C. Balestra, F. Cimino, S. Theunissen, T. Snoeck, + 4 scientists	A red orange extract modulates the vascular response to a recreational dive: a pilot study on the effect of anthocyanins on the physiological consequences of scuba diving.	2015
43	David J. Doolette, Keith A. Gault, & wayne A. Gerth	Decompression from He-N2-O2 (trimix) bounce dives is not more efficient than from He-O2 (heliox) bounce dives	2015
44	Jacek Kot, , Zdzislaw Sicko, & Tadeusz Doboszynski	The Extended Oxygen Window Concept for Programming Saturation Decompressions Using Air and Nitrox	2015
45	T L Grisbrook, P Kenworthy, M Phillips, P M Gittings, F M Wood, and D W Edgar	Alternate electrode placement for whole body and segmental bioimpedance spectroscopy	2015-09
47	Dariusz Józwiak, Piotr Siermontowski, Zbigniew Dąbrowiecki, & Romuald Olszański	Analysis of the risk of diving accidents in military and recreational diving	2015
51	Barbara shykoff	Residual oxygen time model for oxygen partial pressure near 130 kPa (1.3 atm)	2015-11
52	Ran Arieli and Abraham Marmur	Expansion of Bubbles under a Pulsatile Flow Regime in Decompressed Ovine Blood Vessels	2015-11
54	Pashtun Shahim, Per Arnell, Andreas Kvarnström, Anders Rosén, & 4 scientists	Cerebrospinal fluid markers of central nervous system injury in decompression illness – a case-controlled pilot study	2015
58	Barbara shykoff	Development of a pulmonary oxygen toxicity risk calculator for repeated dives with PO2 = 1.3 atm.	2015-12
59	Erkan Sukuroglu, Güliz N. Güncü, Kamer Kilinc, and Feriha Caglayan	Using Salivary Nitrite and Nitrate Levels as a Biomarker for Drug-Induced Gingival Overgrowth	2015-12
2016			

1	Vincent Souday, Nick J. Koning, Bruno Perez, and 6 scientists	Enriched air nitrox breathing reduces venous gas bubbles after simulated SCUBA Diving: A double-blind cross-over randomized trial	2016
2	Nicolas Vallée, Kate Lambrechts, Sébastien De Maistre, Perrine Royal, & 6 Scientists	Fluoxetine Protection in Decompression Sickness in Mice is Enhanced by Blocking TREK-1 Potassium Channel with the “spadin” Antidepressant	2016
6	Andreas Fahlman, Michael J. Moore, Andrew W. Trites, David A. S. Rosen, & 5 Scientists	Dive, food, and exercise effects on blood microparticles in Steller sea lions (<i>Eumetopias jubatus</i>): exploring a biomarker for decompression sickness	2016
12	Paul F. McCulloch, Erik A. Warren and Karyn M. DiNovo	Repetitive Diving in Trained Rats Still Increases Fos Production in Brainstem Neurons after Bilateral Sectioning of the Anterior Ethmoidal Nerve	2016-04
14	Andreas Møllerløkken, Lesley BIOQQ., David J Doolette, Ronald Y Nishi, & Neal W Pollock	Consensus Development Conference - Consensus guidelines for the use of ultrasound for diving research	2016
16	Wienke BR, & O’Leary TR	Diving bubble model data correlations	2016
17	Jacky Lautridou, Vianney Pichereau, Sebastien Artigaud, Peter Buzzacott	Effect of simulated air dive and decompression sickness on the plasma proteome of rats	2016
20	Jacques H. Abraini, Hélène N. David, Nicolas Vallée, & Jean-Jacques Risso	Theoretical considerations on the ultimate depth that could be reached by saturation human divers	2016
26	D. Cialoni, M. Pieri, G. Giunchi, N. Sponsiello, & 4 scientists	Detection of venous gas emboli after repetitive breath-hold dives: case report	2016
27	Constantino Balestra, Peter Germonpré	Correlation between Patent Foramen Ovale, Cerebral “Lesions” and Neuropsychometric Testing in Experienced Sports Divers: Does Diving Damage the Brain?	2016
29	SPUMS & EUBS	Venous gas emboli and decompression sickness	2016
30	Ran Arieli, Soliman Khatib, and Jacob Vaya	Presence of dipalmitoylphosphatidylcholine from the lungs at the active hydrophobic spots in the vasculature where bubbles are formed on Decompression	2016-08
31	Yara Bernaldo de Quirós, Andreas Møllerløkken, Marianne B. Havnes, Alf O. Brubakk, + 2 scientists	Bubbles quantified in vivo by ultrasound relates to amount of gas detected post-mortem in rabbits decompressed from high pressure	2016
33	John P. Florian, Ki H. Chon, Luca Faes, Barbara E. Shykoff	Breathing 100% oxygen during water immersion improves postimmersion cardiovascular responses to orthostatic stress	2016
35	Emmanuel Gemppe, Christophe Peny	Yo-Yo Diving and Risk of Decompression Sickness in Trainee Military Divers	2016-09
39	Nikolaj Hjort Schmidt, Kasper Hansen, Henrik Lauridsen, Annie Vesterby, & 3 scientists	Remote ischaemic conditioning in a rat model subjected to decompression stress	2016
45	Vincent Souday, Nick J. Koning, Bruno Perez	Enriched Air Nitrox Breathing Reduces Venous Gas Bubbles after Simulated SCUBA Diving: A Double-Blind Cross-Over Randomized Trial	2016
47	Sebastian Klapa, Johannes Meyne, Wataru Kahler, Frauke Tillmans, Henning Werr, Andreas Binder, & Andreas Koch	Decompression illness with hypovolemic shock and neurological failure symptoms after two risky dives: a case report	2016-11
48	Eugene V. Golanov, James M. Shiflett, & Gavin W. Britz	Diving response in rats: role of the subthalamic Vasodilator area	2016
49	Costantino Balestra, Sigrid Theunissen, Virginie Papadopoulou, Cedric Le Mener, +3 scientists	Pre-dive whole-body vibration better reduces decompression-induced vascular gas emboli than oxygenation or a combination of both	2016
51	J. W. Smithuis, E. Gips, T. P. van Rees Vellinga, and M. I. Gaakeer	Diving accidents: a cohort study from the Netherlands	2016-12
52	Jasjeet Bhullar, Veena M. Bhopale, Ming Yang, Kinjal Sethuraman, Stephen R. Thom	Microparticle formation by platelets exposed to high gas pressures – an oxidative stress response.	2016-12
53	John Lippmann, David McD Taylor, Christopher Stevenson and Simon Mitchell	The demographics and diving behaviour of DAN Asia-Pacific members with and without pre-existing medical conditions	2016-12
2017			

2	Spisni (Enzo), Marabotti (Claudio), De Fazio (Luigia), Valerii (Maria Chiara) Elena Cavazza, Stefano Brambilla, Klarida Hoxha, Antonio L'Abbate and Pasquale Longobardi	A comparative evaluation of two decompression procedures for technical diving using inflammatory responses: compartmental versus ratio deco	2017
4	Claire Walsh	Validation and development of extravascular bubble models for decompression sickness using collagen hydrogels.	2017-02
6	Ran Arieli & Abraham Marmur	A biophysical vascular bubble model for devising decompression procedures	2017-02
7	Andreas Fahlman	Allometric scaling of decompression sickness risk in terrestrial mammals; cardiac output explains risk of decompression sickness	2017
8	Kate Lambrechts, Costantino Balestra, Michaël Theron, Anne Henckes, & 5 scientists	Venous gas emboli are involved in post-dive macro, but not microvascular Dysfunction	2017
10	Enzo Spisni, Claudio Marabotti, Luigia De Fazio, Maria Chiara Valerii, Elena Cavazza, Stefano Brambilla, Klarida Hoxha, Antonio L'Abbate and Pasquale Longobardi	A comparative evaluation of two decompression procedures for technical diving using inflammatory responses: compartmental versus ratio deco.	2017-03
11	Kun Zhang, Mengmeng Wang, Haowen Wang, Yinuo Liu Peter Buzzacott, & Weigang Xu	Time Course of Endothelial Dysfunction Induced by Decompression Bubbles in Rats	2017-03
12	Laurens E. Howle, Paul W. Weber, Ethan A. Hada, Richard D. Vann, & Petar J. Denoble	The probability and severity of decompression sickness	2017
14	Pierre Lafère, Costantino Balestra, Dirk Caers, & Peter Germonpré	Patent Foramen Ovale (PFO), Personality Traits, and Iterative Decompression Sickness. Retrospective Analysis of 209 Cases	2017
17	Shopov Nikola, VazharovIvaylo	Factors influencing of the decompression risk upon divers	2017
19	Surg Capt D K Ghosha, Surg Cdr C Kodangeb, Surg Cdr C S Mohanty, Surg Cdr Rohit Verma	Decompression Sickness (DCS) and Diving Illnesses Mimicking DCS : A Case Series	2017-05
23	Peter Germonpré, & Costantino Balestra	Preconditioning to reduce decompression stress in scuba divers	2017
25	Fiona C Sharp, Martin DJ Sayer	A technical diving-related burns case: treatment in a remote location	2017-06
26	S. Lesley Blogg, Andreas Møllerlækken, Mikael Gennser	Observed decompression sickness and venous bubbles following 18 msw dive profiles using RN Table 11	2017-06
28	C. Walsh, N. Ovenden, E. Stride, U. Cheema	Quantification of cell-bubble interactions in a 3D engineered tissue phantom.	2017
29	Thijs T. Wingelaar, Pieter-Jan A. M. van Ooij, Rob A. van Hulst	Oxygen toxicity and special operations forces diving: Hidden and dangerous	2017
30	Long Qing, Dinesh K. Ariyadewa, Hongjie Yi, Yewei Wang	Skin Lesions in Swine with Decompression Sickness: Clinical Appearance and Pathogenesis.	2017
34	Ran Arieli	Nanobubbles Form at Active Hydrophobic Spots on the Luminal Aspect of Blood Vessels: Consequences for Decompression Illness in Diving and Possible Implications for Autoimmune Disease—An Overview	2017
37	Danilo Cialoni, Massimo Pieri, Costantino Balestra, & Alessandro Marroni	Dive Risk Factors, Gas Bubble Formation, and Decompression Illness in Recreational SCUBA Diving: Analysis of DAN Europe DSL Data Base	2017
38	Alvhild Alette Bjørkum, Eystein Oveland, Linda Stuhr, Marianne Bjordal Havnes, & 3 scientists	Fast hyperbaric decompression after heliox saturation altered the brain proteome in rats	2017
43	Br Vienne, T O' Leary	On modern dive computers and operation protocols, models, tests, data, risk, and application.	2017
47	Michael FM Perez, Janet V Ongkeko-Perez, April R Serrano, Maravic P Andal, & Maria CC Aldover	Delayed hyperbaric intervention in life-threatening decompression Illness	2017
50	Amy E. King, Gregory Murphy, Laurens E. Howle	Bimodal decompression sickness onset times are not related to dive type or event severity	2017

51	B.R. Wienke, & T.R. O'Leary	Dive computer profile data and risk estimator	2017
52	Lu Shi, Yan-meng Zhang, Katsuura Tetsuo, Zhong-yuan Shi, & 3 scientists	Simulated High Altitude Helium-Oxygen Diving	2017
54	Krzysztof Korzeniewski, & arosław Krzyżak)	Travel medicine for divers	2017
2018			
1	F. Gregory Murphy, Ashleigh J. Swingle, Wayne A. Gerth, & Laurens E. Howle	Iso-Risk Air No Decompression Limits after Scoring Marginal Decompression Sickness Cases as Non-Events	2018
7	Giuseppe Accurso, Andrea Cortegiani, Sabrina Caruso, Oriana Danile, & 6 scientists	Two episodes of Taravana syndrome in a breath-hold diver with hyperhomocysteinemia	2018
12	Ran Arieli	Extravascular Hydrophobic Surfaces, Fat Droplets, and the Connection With Decompression Illness: Spinal, Joint Pain, and Dysbaric Osteonecrosis.	2018-03
16	Wienke (B, R.) & O'Learly	Deep stops and shallow stops – Fact and fancy	2018
18	Antonin Povolny, Hiroshige Kikura, & Tomonori Ihara	Ultrasound Pulse-Echo Coupled with a Tracking Technique for Simultaneous Measurement of Multiple Bubbles	2018
19	Joel D. Turtle, Misty M. Strain, Joshua A. Reynolds, Yung-Jen Huang, Kuan H. Lee, Melissa K. Henwood, Sandra M. Garraway, and James W. Grau	Pain Input After Spinal Cord Injury (SCI) Undermines Long-Term Recovery and Engages Signal Pathways That Promote Cell Death	2018-06
23	Mikael Gennser, S. L. Blogg, Ola Eiken, Igor B. Mekjavic	Indices of Increased Decompression Stress Following Long-Term Bed Rest.	2018
27	Kate Lambrechts, Sébastien de Maistre, Jacques H. Abraini, Jean-Eric Blatteau, Jean-Jacques Risso, and Nicolas Vallée	Tirofiban, a Glycoprotein IIb/IIIa Antagonist, Has a Protective Effect on Decompression Sickness in Rats: Is the Crosstalk Between Platelet and Leukocytes Essential?	2018-07
28	Ahmed Mohammed Aldakhil, Abdullah Faraj Alshammari, & Sattam Saad Alshammari	Dental and Temporomandibular Joint Problems among SCUBA Divers in Jeddah, KSA	2018
29	Pieter Jan AM van Ooij)	Decompression sickness, fatness and active hydrophobic spots	2018
31	Ran Arieli	Taravana, vestibular decompression illness, and autochthonous distal arterial bubbles	2018
33	Michael B Strauss, Lientra Q Lu, Stuart S. Miller	The Gradient Perfusion Model Part 1: Why and at what sites decompression sickness can occur.	2018-08
34	Michael B Strauss, Lientra Q Lu, Stuart S. Miller	The Gradient Perfusion Model Part 2: Substantiation of the GPM with clinical cases.	2018-08
35	Lientra Q Lu, Michael B Strauss, Stuart S. Miller	The Gradient Perfusion Model Part 3: An extraordinary case of decompression sickness.	2018-08
37	Mikael Gennser, S. L. Blogg, Ola Eiken, and Igor B. Mekjavic	Indices of Increased Decompression Stress Following Long-Term Bed Rest	2018-08
38	Stephen R. Thom, Veena M. Bhopale, Kevin Yu, and Ming Yang	Provocative decompression causes diffuse vascular injury in mice mediated by microparticles containing interleukin-1 Beta	2018-08
39	Julien Hugon, Asya Metelkina, Axel Barbaud, Ron Nishi, & 3 scientists	Reliability of venous gas embolism detection in the subclavian area for decompression stress assessment following scuba diving	2018
41	B. R. Wienke, & T. R. O'Leary	On Bubble Regeneration and Broadening with Implications for Decompression Protocols.	2018
44	Asadullah Naqvi, and Derrick Clarence	A case of decompression illness not responding to hyperbaric oxygen	2018-09
45	Ran Arieli	Fatty diet, active hydrophobic spots, and decompression sickness	2018-09

52	Pierre Boudinet	A New Dynamical Theory of Decompression	2018
53	B.R. Wienke	Dive Computer Profile Data and on the Fly and End of Dive Risk Estimators	2018
55	Ran Arieli	Was the appearance of surfactants in air breathing vertebrates ultimately the cause of decompression sickness and autoimmune disease?	2018
2019			
2	David J Doolette	Gas micronuclei that underlie decompression bubbles and decompression sickness have not been identified	2019
4	Danilo Cialoni, Andrea Brizzolari, Michele Samaja, Massimo Pieri, & Alessandro Marroni	Altered Venous Blood Nitric Oxide Levels at Depth and Related Bubble Formation During Scuba Diving	2019
12	Jean-Pierre Imbert, Salih Murat Egi, Peter Germonpre, & Costantino Balestra	Static Metabolic Bubbles as Precursors of Vascular Gas Emboli During Divers' Decompression: A Hypothesis Explaining Bubbling Variability	2019
13	Leonidas Palaodimos, Damianos G. Kokkinidis	Questions on Percutaneous Patent Foramen Ovale Closure for Secondary Stroke Prevention: The Heads of the Lernaean Hydra.	2019-05
15	Stanisław Skrzyński	Poland's path towards decompression realization in underwater works part 2. decompression tables for commercial deep sea diving in Poland	2019
20	Ran Arieli	An alternative mechanism underlying the protection against decompression illness by helium preconditioning	2019-06
22	Alain Boussuges, Guillaume Chaumet, Nicolas Vallée, Jean Jacques Risso, & Jean Michel Pontier	High Bubble Grade After Diving: The Role of the Blood Pressure Regimen	2019
23	Tobias Cibis, Alistair McEwan, Arne Sieber, Bjoern Eskofier, Karl Friedl, & Michael Bennett	Diving Into Research of Biomedical Engineering in Scuba Diving	2019
25	Ashish Tawar, P. Gokulkrishnan	Decompression illness	2019
28	Anne-Virginie Desruelle, Pierre Louge Simone Richard Jean-Eric Blatteau, Sandrine Gaillard, Sébastien De Maistre, Hélène David, Jean-Jacques Risso, and Nicolas Vallée	Demonstration by Infra-Red Imaging of a Temperature Control Defect in a Decompression Sickness Model Testing Minocycline	2019-07
29	Ran Arieli	In vitro evidence of decompression bubble dynamics and gas exchange on the luminal aspect of blood vessels: Implications for size distribution of venous bubbles	2019
34	Ivana Šegrt Ribičić, Maja Valić, Joško Božić, Ante Obad, & 3 scientists	Influence of oxygen enriched gases during decompression on bubble formation and endothelial function in self-contained underwater breathing apparatus diving: a randomized controlled study	2019
35	Ran Arieli	Gas micronuclei underlying decompression bubbles may explain the influence of oxygen enriched gases during decompression on bubble formation and endothelial function in self-contained underwater breathing apparatus diving	2019
37	Zhang (Rongjia), Yu (Yongchao), Manaenko (Anatol), & Bi (Hongda) Ning Zhang, Ling Zhang, Ting Zhang, Zhouheng Ye, and Xuejun Sun	Effect of helium preconditioning on neurological decompression sickness in rats	2019
38	Pierre Letellier, Mireille Turmine	Bubble Solution Description by Non-Extensive Thermodynamics: Pressure Effect	2019-09
41	Simin Berenji Ardestani, Vladimir V. Matchkov, Ingrid Eftedal, & Michael Pedersen	A Single Simulated Heliox Dive Modifies Endothelial Function in the Vascular Wall of ApoE Knockout Male Rats More Than Females	2019
44	Altaf Saadi, Emily A. Ferenczi, and Haatem Reda	Spinal Decompression Sickness in an Experienced Scuba Diver: A Case Report and Review of Literature.	2019-10
45	Alexis Blasselle, Michael Theron, Bernard Gardette, Emmanuel Dugrenot	A new form of admissible pressure for Haldanian decompression models	2019-10
51	Dirk Mayer, & Katja Bettina Ferenz	Perfluorocarbons for the treatment of decompression illness: how to bridge the gap between theory and practice	2019
52	B. R. Wienke, T. R. O' Leary	Downs and Ups of Decompression Diving: a Review	2019

53	Ran Arieli	Gas micronuclei that underlie decompression bubbles and decompression sickness have most probably been identified – in response to the Letter to the editor from Dr David Doolette	2019
56	Barbara E. Shykoff, Rees L. Lee	Risks from Breathing Elevated Oxygen	2019-12
60	Ran Arieli	In vitro evidence of decompression bubble dynamics and gas exchange on the luminal aspect of blood vessels: Implications for size distribution of venous bubbles	2019-12
62	Muhammad Imran Qadir, & Hira Naeem Qureshi)	Is there any Association between Urine Specific Gravity and Stress Eating?	2019
2020 - Part A			
1	Rasads Misirovs, and Shwan Mohamad	Reverse Squeeze Maxillary Sinus Barotrauma	2020-01
7	Kiyotaka Kohshi, Yoshitaka Morimatsu, Hideki Tamaki, Tatsuya Ishitake, Petar J. Denoble	Hyperacute brain magnetic resonance imaging of decompression illness in a commercial breath-hold diver	2020-03
9	Amy Elizabeth King	Multinomial Probabilistic Modeling for Decompression Sickness using Gas Content and Bubble Volume Models	2020
10	Brian T Andrew, David J Doolette	Manned validation of a US Navy Diving Manual, Revision 7, VVal-79 schedule for short bottom time, deep air decompression diving.	2020
11	Johnny Conkin, Ph.D	Probability of Decompression Sickness and Venous Gas Emboli from 49 NASA Hypobaric Chamber Testswith Reference to Exploration Atmosphere	2020-04
12	Gianluca Di Muro, F. Gregory Murphy, Richard D. Vann, Laurens E. Howle	Are interconnected compartmental models more effective at predicting decompression sickness risk?	2020-04
15	Ryszard Klos	Ultrasonic Detection of Intravascular Free Gas Phase in Diving Research	2020-05
18	tecia-Marie P. Fletcher, Natalia Ogrodnik, & Meaghan A. O'Reilly	Enhanced Detection of Bubble Emissions Through the Intact Spine for Monitoring Ultrasound-Mediated Blood-Spinal Cord Barrier Opening	2020
20	Amy E. King, Laurens E. Howle	Tetranomial decompression sickness model using serious, mild, marginal, and non-event outcomes	2020
21	Eduardo García, Simon J Mitchell	Bubbles in the skin microcirculation underlying cutis marmorata in decompression sickness: Preliminary observations	2020-06
23	Peter Germonpré, Paul Van der Eecken, Elke Van Renterghem, Faye-Lisa Germonpré, & Costantino Balestra	First impressions: Use of the Azoth Systems O'Dive subclavian bubble monitor on a liveaboard dive vessel	2020
25	Kåre Segadal, & Andreas Møllerløkken	Emergency decompression from heliox saturation dives	2020
2020 - Part B			
5	Richard Clarke	Monoplace chamber treatment of decompression illness: Review and commentary	2019
7	Frank Hartig, Norbert Reider, Martin Sojer, Alexander Hammer, Thomas Ploner, Claus-Martin Muth, Herbert Tilg, and Andrea Köhler	Livedo Racemosa – The Pathophysiology of Decompression-Associated Cutis Marmorata and Right/Left Shunt	2020-09
8	Kei Jitsuiki, Yoshihiro Kushida, Ryota Nishio, Youichi Yanagawa	Gas in Joints After Diving: Computed Tomography May Be Useful for Diagnosing Decompression Sickness.	2020-09
9	Qiong Wang, François Guerrero, Michaël Theron	Pre-hydration strongly reduces decompression sickness occurrence after a simulated dive in the rat.	2020-09
10	Oliwia Pińkowska	Risk factors of decompression sickness in scuba diving	2020-09
22	Daniel Popa, Anthony Medak, Walter Chin, Oswaldo Huchim-Lara, & Evelyne Fliszar	Dysbaric osteonecrosis (DON) among the artisanal diving fishermen of Yucatán, Mexico.	2020

24	Christopher W Scarff, John Lippmann, & Andrew W Fock	A review of diving practices and outcomes following the diagnosis of a persistent (patent) foramen ovale in compressed air divers with a documented episode of decompression sickness.	2020
25	Abdullah Arjomand, James R. Holm, and Anthony J. Gerbino	Severe Decompression Sickness Associated with Shock and Acute Respiratory Failure	2020-11
29	Huseyin Karakaya, Serkan Aksu, Salih Murat Egi, Salih Aydin, & Atila Uslu	Effects of Hyperbaric Nitrogen Narcosis on Cognitive Performance in Recreational air SCUBA Divers: An Auditory Event-related Brain Potentials Study.	2020
32	Kaiming Liu, Brian Z. Wang, Yishu Hao, Shuijiang Song, & Mengxiong Pan	The Correlation Between Migraine and Patent Foramen Ovale	2020-12
35	Andreas Fichtner, Anne Münch, Denise Preuss, Thomas Pohl, & 3 scientists	Teaching Self-Assessment of Doppler Ultrasound for Bubble Grading in Divers: Learning Curve, Reliability, and Surveying Precision.	2020
36	Antonio Villa, Mara Fiocchi	Cutis marmorata as a manifestation of decompression illness	2020-12
37	Julian Thaler, Rodrigue Pignel, Marie-Anne Magnan, Michel Pellegrini, Pierre Louge	Decompression illness treated at the Geneva hyperbaric facility 2010–2016: A retrospective analysis of local cases.	2020-12
2021 - part A			
3	Andreas Fichtner, Benedikt Brunner, Thomas Pohl, Thomas Grab, Tobias Fieback, Thea Koch	Estimating Inert Gas Bubbling from Simple SCUBA Diving Parameters	2021-01
6	David Q. Le, Paul A. Dayton, Frauke Tillmans, John J. Freiburger, & 3 scientists	Ultrasound in decompression research: Fundamentals, considerations, and future technologies	2021
7	Geoff A.M. Loveman, & Joel J.E. Edney	Predicting the effect of decompression sickness on survival following submarine tower escape	2021-02
10	Jan Risberg	Acclimatization to diving: a systematic review	2021
14	Krzysztof Dziewiatowski, Romuald Olszański, Piotr Siermontowski	A Case of Decompression Sickness Associated with Patent Foramen Ovale in a Dive Medical Officer	2021-03
26	Ran Arieli	Does the most potent lung surfactant dipalmitoylphosphatidylcholine pose a risk for decompression illness in diving mammals?	2021-04
29	Kurt Magri, Ingrid Eftedal, Vanessa Petroni Magri, & 4 other scientists	Acute Effects on the Human Peripheral Blood Transcriptome of Decompression Sickness Secondary to Scuba Diving	2021
40	Kurt Magri, Ingrid Eftedal, Vanessa Petroni Magri, Lyubisa Matity, & 3 other scientists	Acute Effects on the Human Peripheral Blood Transcriptome of Decompression Sickness Secondary to Scuba Diving	2021
42	Kiyotaka Kohshi, Hideki Tamaki, Frédéric Lemaître, Yoshitaka Morimatsu, & 2 scientists	Diving-related disorders in commercial breath-hold divers (Ama) of Japan	2021
2021 - part B			
1	Christian Pristipino, Peter Germonpré, Danilo Toni, Horst Sievert, & 16 scientists	European position paper on the management of patients with patent foramen ovale. Part II - Decompression sickness, migraine, arterial deoxygenation syndromes and select high-risk clinical conditions	2021
3	Kil-Hyung Han, Gwang-Suk Hyun, Yong-Seok Jee, and Jung-Min Park	Effect of Water Amount Intake before Scuba Diving on the Risk of Decompression Sickness.	2021-07
9	Hanneke Pierre Franciscus Xaverius Moonen, and Arthur Raymond Hubert Van Zanten	Bioelectric impedance analysis for body composition measurement and other potential clinical applications in critical illness.	2021-08
16	Andreas Fichtner, Benedikt P. Brunner, Thomas Pohl, Thomas Grab, Tobias Fieback, & Thea Koch	A Doppler ultrasound self-monitoring approach for detection of relevant individual decompression stress in scuba diving.	2021
17	Rickard Ånell, Mikael Grönkvist, Mikael Gennser, & Ola Eiken	High-altitude decompression strain can be reduced by an early excursion to moderate altitude while breathing oxygen.	2021
20	Kil-Hyung Han, Gwang-Suk Hyun, Yong-Seok Jee, & Jung-Min Park	Effect of Water Amount Intake before Scuba Diving on the Risk of Decompression Sickness	2021
29	Kiyotaka Kohshi, Petar J. Denoble, Hideki Tamaki, Yoshitaka Morimatsu & 2 scientists	Decompression Illness in Repetitive Breath-Hold Diving: Why Ischemic Lesions Involve the Brain?	2021

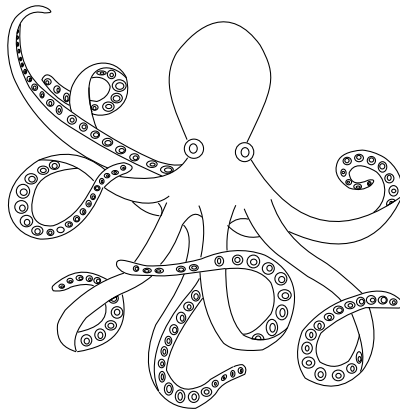
30	Chao Tan, Yuichi Murai, Weiling Liu, Yuji Tasaka, & 2 scientists	Ultrasonic Doppler Technique for Application to Multiphase Flows: A Review	2021
32	Peter Germonpré, Pierre Lafère, William Portier, Faye-Lisa Germonpré, & 2 other scientists	Increased Risk of Decompression Sickness When Diving With a Right-to-Left Shunt: Results of a Prospective Single-Blinded Observational Study (The “Carotid Doppler” Study)	2021
40	Ran Arieli	Endothelial Injury in Diving: Atomic Force-, Electronic-, and Light-Microscopy Study of the Ovine Decompressed Blood Vessels	2021
44	Roxane Monnoyer, Jacky Lautridou, Sanjoy Deb, Astrid Hjelde, & Ingrid Eftedal	Using Salivary Biomarkers for Stress Assessment in Offshore Saturation Diving: A Pilot Study	2021
45	Yiqing Li, Junwu Wu, Leijie Fu, & Jinju Wang	A Fast Bubble Detection Method in Microtubes Based on Pulsed Ultrasound.	2021
49	Oskari H. Lindfors, Richard V. Lundell, Olli J. Arola, Timo P. Hirvonen, Saku T. Sinkkonen, Anne K. Räisänen-Sokolowski	Inner ear decompression sickness in Finland: a retrospective 20-year multicenter study	2021-11
54	Dominique Gelmann, Gregory Jasani, Siamak Moayedi, Douglas Sward	Inner ear decompression sickness in a hyperbaric chamber inside tender: a case report	2021-11
56	Hayden W. Hess, Courtney E. Wheelock, Erika St. James, Jocelyn L. Stooks, Brian M. Clemency, David Hostler	Variability in venous gas emboli following the same dive at 3,658 meters	2021-11
57	Svein E. Gaustad, Timofei V. Kondratiev, Ingrid Eftedal, and Torkjel Tveita	Effects of Cold Decompression on Hemodynamic Function and Decompression Sickness Risk in a Dry Diving Rat Model	2021-11
60	Marguerite St Leger Dowse, Sophie Howell, Gary R Smerdon	Flying after diving: a questionnaire-based evaluation of pre-flight diving behaviour in a recreational diving cohort	2021-12
2022 - part A			
22	Sergio A Angelini, Lorenzo Tonetto, & Michael A Lang	Ceiling-controlled versus staged decompression: comparison between decompression duration and tissue tensions.	2022
27	Kate Lambrechts, Peter Germonpré, Joaquim Vandenheede, Manon Delorme, Pierre Lafère, & Costantino Balestra	Mini Trampoline, a New and Promising Way of SCUBA Diving Preconditioning to Reduce Vascular Gas Emboli?	2022
29	Simon J. Mitchell, Michael H. Bennett, & Richard E. Moon	Decompression Sickness and Arterial Gas Embolism	2022
36	Ran Ariel	The increased protein tau in blood after SCUBA diving can be related to distal arterial bubbles	20122
37	Sérgio Rhein Schirato, Vitor Silva, Kátia Iadocicco, Alessandro Marroni & 3 scientists	Post-decompression bubble and inflammation interactions: a non-extensive dynamical system model	20122
44	Anne-Virginie Desruelle, Sébastien de Maistre, Sandrine Gaillard, Simone Richard, & 7 scientists	Cecal Metabolomic Fingerprint of Unscathed Rats: Does It Reflect the Good Response to a Provocative Decompression?	2022
48	Kamellia Karimpour, Rhiannon J. Brenner, Grant Z. Dong, Jayne Cleve & 8 scientists	Comparison of Newer Hand-Held Ultrasound Devices for Post-Dive Venous gas Emboli Quantification to Standard Echocardiography	2022
56	W. Rainey Johnson, Nicholas G. Roney, Hanbing Zhou, Geoffrey E. Ciarlone, & 6 scientists	Comparison of treatment recompression tables for neurologic decompression illness in swine model.	2022
2022 - part B			
2	David J. Doolette & Simon J. Mitchell	Extended lifetimes of bubbles at hyperbaric pressure may contribute to inner ear decompression sickness during saturation diving	2022-07
4	Costantino Balestra, Awadhesh K. Arya, Clément Leveque, Fabio Virgili, Peter Germonpré, Kate Lambrechts, Pierre Lafère, and Stephen R. Thom	Varying Oxygen Partial Pressure Elicits Blood-Borne Microparticles Expressing Different Cell-Specific Proteins—Toward a Targeted Use of Oxygen?	2022-07
9	Stanisław Skrzyński, & Grzegorz Grzeczka	Studies on saturation diving in Poland and practical application of their findings. Part 2B. Developing a Polish system of saturation diving in the 1980s and 1990s	2021
19	Jean-Pierre Imbert, Jean-Yves Massimelli, Ajit Kulkarni, Lyubisa Matity, & Philip Bryson	A review of accelerated decompression from heliox saturation in commercial diving emergencies.	2022
24	Seher Kurtul, Nejdiye Güngördü	Dysbaric osteonecrosis in diving fisherman: a case report	2022

26	Stian Lande Wekre, Halvor Dagssøn Landsverk, Jacky Lautridou, Astrid Hjelde, Jean Pierre Imbert, Costantino Balestra, and Ingrid Efteda	Hydration status during commercial saturation diving measured by bioimpedance and urine specific gravity	2022
42	Allam Harfoush, Mohammad Ramadan, Hanady Hamdallah	Right cardiac chambers echo- bubble contrast in a patient with decompression sickness: A case report and a literature review.	2022-10
50	Eyal Avivi, Dana Zelnik Yovel, Daniel L. Cohen, and Haim Shirin	Decompression Illness in a Scuba Diver With Significant Esophageal Injury	2022-11
55	Oscar Plogmark, Carl Hjelte, Magnus Ekström, & Oskar Frånberg	Agreement between ultrasonic bubble grades using a handheld self-positioning Doppler product and 2D cardiac ultrasound	2022
56	Muhammad Aulia, Hikmah Romadoni, Dwi Rahmat, & Eka Arie Yuliyani)	Inner ear decompression illness in divers	2022
57	Muhammad Aulia Hikmah Romadoni, Dwi Rahmat, Eka Arie Yuliyani	Inner ear decompression syndrome (IEDCS)	2022-12
58	Sotiris Evgenidis, Thodoris Karapantsios	Pulsatile gas-liquid flow resembling Decompression Sickness: Computational Fluid Dynamics simulation and experimental validation	2022-12
2023 - Part A			
7	Stephen R. Thom, Veena M. Bhopale, Abid R. Bhat, Awadhes K. Arya, Deepa Ruhela, Guanda Qiao, Xin Li, Shiyu Tang, and Su Xu	Neuroinflammation with increased glymphatic flow in a murine model of decompression sickness.	2023-01
10	Ran Arieli	Distal arterial bubble: an alternative mechanism underlying vestibular decompression illness.	2023-01
17	Virginie Papadopoulou, Robert J. Eckersley, Costantino Balestra, Thodoris D. Karapantsios, Meng-Xing Tang	A critical review of physiological bubble formation in hyperbaric decompression	2023-03
18	S Lesley Blogg, Frauke Tillmans, Peter Lindholm	The risk of decompression illness in breath-hold divers: a systematic Review	2023-03
20	Katarzyna Mielniczek, & Grzegorz Rutkowski	Risk Related Incorrect Decompression, Stage Ascent Procedures with the Use of Decompression Tables as a type of Preventive Actions Against the Effects of Decompression	2023-03
31	David Q. LeID, Andrew H. Hoang, Arian Azarang, Rachel M. Lance, & 9 scientists	An open-source framework for synthetic post-dive Doppler ultrasound audio generation.	2023-04
39	Spyros Peppas, Leonidas Palaiodimo, Sanjana Nagraj, Damianos G. Kokkinidis, Nidhish Tiwari, Amrin Kharawala, Mohammad K. Mojaddidi, Sanauallah Mojaddedi, George Ntaios, Robert T. Faillace, and Jonathan M. Tobis	Right-to-Left Shunt in Divers with Neurological Decompression Sickness: A Systematic Review and Meta-Analysis.	2023-05
2023 Part B			
2	JieFu Fan, YangKai Wang, Min Liu, GuangSheng Liu, TianJiao Min, RuiYong Chen, & Ying He	Effect of angiotensin II on irradiation exacerbated decompression sickness	2023-07
7	Sotiris P. Evgenidis, Thodoris D. Karapantsios	3D simulation of pulsatile bubbly flow resembling decompression sickness conditions inside a realistic human artery.	2023-07
8	Philipp Herold, & Daniel Weh	Performance of Continuous Glucose Monitoring Systems under Hyperbaric Conditions an Exploratory Study to Increase Diabetic Divers' Safety	2023-07
14	Stanisław Skrzyński	Problems in Selecting a Decompression Table for Saturation Diving for Commercial Purposes in Poland. Part III C: Technical and Organisational Issues of the Implementation of Saturation Diving in Poland from the 1990s Onward. Part 3	2023-08
17	Nicolas Vallée, Emmanuel Dugrenot, Anne-Virginie Desruelle, Simone Richard, & 6 scientists	Highlighting of the interactions of MYD88 and NFKB1 SNPs in rats resistant to decompression sickness: toward an autoimmune response	2023-08
29	Arian Azarang, S. Lesley Blogg, Joshua Currens, Rachel M. Lance, Richard E. Moon, Peter Lindholm, Virginie Papadopoulou	Development of a graphical user interface for automatic separation of human voice from Doppler ultrasound audio in diving experiments	2023-08
30	Jan Risberg, Pieter-Jan van Ooij, & Olav Sande Eftedal	Decompression procedures for transfer under pressure ('TUP') diving	2023-09
38	Benjamin Simonnet, Romain Roffi, Henri Lehot, Jean Morin, & 7 scientists	Therapeutic management of severe spinal cord decompression sickness in a hyperbaric center	2023-09

39	Owen J. O'Neill, Anthony Haftel, & Heather M. Murphy-Lavoie	Hyperbaric Treatment of Compressed Air Workers, Caissons, Tunneling, Bounce Diving, and Saturation Diving	2023-09
41	Stanisław Skrzyński, Piotr Siermontowski	Problems in Selecting a Decompression Table for Saturation Diving for Commercial Purposes in Poland. Part I	2023-09
42	Sven De Ridder, Nathalie Pattyn, Xavier Neyt, Peter Germonpré	Selecting optimal air diving gradient factors for Belgian military divers: more conservative settings are not necessarily safer	2023-09
43	Jeremy S Mason, Peter Buzzacott, Ian C Gawthorpe, Neil D Banham	A retrospective review of divers treated for inner ear decompression sickness at Fiona Stanley Hospital hyperbaric medicine unit 2014–2020	2023-09
2023 Part C			
8	U.S. Department of Health and Human Services	What is a Doppler ultrasound?	2023-10
13	Desmond M. Connolly, leigh a. Madden, Victoria c. Edwards, timothy J. D'Oyly, & 3 scientists	Early Human Pathophysiological Responses to Exertional Hypobaric Decompression Stress	2023-11
14	Tolga AKI, Neşe ALKAN	Predictors of Competitive Dynamic Apnea Performance in Elite Free Diving Athletes	2023-11
2024 - A			
1	Edward Tom Ashworth, Ryotaro Ogawa, David Robert Vera, Peter Lindholm	Effects of oxygen-prebreathing on tissue nitrogenation in normobaric and hyperbaric conditions	2024-01
3	Jan Risberg, Kare Segadal	Compression and excursion parameters for saturation dives 0-250 msw	2024-01
5	Ivana Segrt Ribicic, Maja Valic, Linda Lusic Kalcina, Josko Bozic, Ante Obad, Duska Glavas, Igor Glavicic, and Zoran Valic	Effects of Oxygen Prebreathing on Bubble Formation, Flow-Mediated Dilatation, and Psychomotor Performance during Trimix Dives	2024-01
7	Jan Risberg	NDTT – Probability of decompression sickness	2024-01
13	Taylor Diederich, Allyson M. Briggs, Adrienne Malik, & Bryan Beaver	Occupational decompression sickness: A case report	2024-02
14	Elsye Fitriari, Ni Komang Sri Dewi Untari, & Nasywa Annisa Fitra	Risk Factors For Decompression Sickness	2024-02
25	Jean-Pierre Imbert, Lyubisa Matity, Jean-Yves Massimelli, & Philip Bryson	Review of saturation decompression procedures used in commercial diving	2024-03
31	Simon J Mitchell	Decompression illness: a comprehensive overview	2024-03
36	Roman Alvarado, Ulrich M. Scheven, Jens-Christian Meiners	Real-time imaging of decompression gas bubble growth in the spinal cord of live rats.	2024-04
43	Sotiris P. Evgenidis, Konstantinos Zacharias, & Virginie Papadopoulou,	In-field use of I-VED electrical impedance sensor for assessing post-dive decompression stress in humans .	2024-04
44	José A. Bragada, Pedro M. Magalhães, Eric São-Pedro, Raul F. Bartolomeu, and Jorge E. Morais	Net Heart Rate for Estimating Oxygen Consumption in Active Adults	2024-04
48	Arnaud Druelle, Jean-Eric Blatteau, Lucile Daubresse Duchadeuil, Jean Morin, Romain Roffi, Pierre-Louis Dufresne, Henri Lehot, and Olivier Castagna	Case report: Reassessing guidelines for safe resumption of diving after spinal decompression sickness: insights from a challenging case	2024-05
50	Jean-Pierre Imbert, Axel Barbaud, Sian Stevens, Craig Miller, Hilary Peace, Helene Rossin, Alain Letourneur, Phil Bryson, Bo Damsgaard, Costantino Balestra	Evaluation of North Sea saturation procedures through divers monitoring	2024-05
2024- B			
8	Lucille Daubresse, Aurélie Portas, Alexandrine Bertaud, Marion Marlinge, Sandrine Gaillard, Jean-Jacques Risso, Céline Ramdani, Jean-Claude Rostain, Nabil Adjirou, Anne-Virginie Desruelle, Jean-Eric Blatteau, Régis Guieu, and Nicolas Vallée	CO2 Breathing Prior to Simulated Diving Increases Decompression Sickness Risk in a Mouse Model: The Microbiota Trail Is Not Forgotten	2024-08

11	Arnaud Druelle, Olivier Castagna, Romain Roffi, Pierre Louge, Anthony Faivre, and Jean-Eric Blatteau	Taravana syndrome and posterior reversible encephalopathy syndrome: a microbubble hypothesis for neurological accidents in breath-hold divers.	2024-04
16	Guanghua Chen, Yongbin Huang, Chunman Huang, Liwei Li, Jingqun Pang, Hongqiang Li, and Wenxi Zhang	Decompression sickness-induced skeletal muscle injury: an animal model and pathological analysis	2024-09
18	Emmanuel Dugrenot, Anthony Guernec, Jérémy Orsat, François Guerrero	A deeper dive into DCS resistant rats miRnome and transcriptome pathway analysis.	2024-09
23	Tom S. Neuman	Arterial Gas Embolism and Decompression Sickness	2024-09
26	Jan Risberg, Helle Midtgaard	Decompression sickness in surface decompression breathing air instead of oxygen	2024-09
27	Arnaud Druelle, Olivier Castagna, Romain Roffi, Pierre Louge, Anthony Faivre, and Jean-Eric Blatteau	Taravana syndrome and posterior reversible encephalopathy syndrome: a microbubble hypothesis for neurological accidents in breath-hold divers	2024-09
36	Emmanuel Dugrenot, Anthony Guernec, Jérémy Orsat, & François Guerrero	Gene expression of Decompression Sickness-resistant rats through a miRnome/transcriptome crossed approach	2024-10
37	Rita I. Sharma, Natalia D. Mankowska, Anna B. Marcinkowska, Pawel J. Winklewski, Jacek Kot	Critical flicker fusion frequency results during oxygen decompression in standard HBOT session -observational study	2024-10
49	Douglas Ebersole	Patent Foramen Ovale (PFO) and Decompression Sickness	2024-12

Gasses



<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
Early times to 1959			
9	Joseph Priestley	Observations on different kinds of air	1772
10	Antoine Lavoisier	Essays on the effects produced by various processes on atmospheric air with a particular view to an investigation of the constitution of the acids	1776
12	John Dalton	Experimental essays - On the constitution of mixed gas	1660
18	Bert (Paul)	la pression barometrique	1878
19	Paul Bert	Barometric pressure	1878
20	John Scott Haldane	The action of carbonic acide on man	1895
22	John Scott Hadane, J. Lorrain smith	The oxygen tension of arterial blood	1896
23	James Lorrain Smith	The pathological effects due to increase of oxygen tension in the air breathed	1899
24	Joseph Barcroft, John Scott Haldane	Method of estimating the oxygen and carbonic acid in small quantities of blood	1902
25	Leonard Hill, & M. Greenwood	The influence of increased barometric pressure in man - the possibility of oxygen bubbles being set free in the body	1907
26	W. A. Osborne	The Haldane-Smith method of estimating the oxygen tension of the arterial blood	1907
31	John W. Bean	Effects of oxygen at increased pressure	1945-01
32	William c. Stadie, Benjamin c. Riggs, Niels Haugaard	Oxygen Poisoning: The effects of high oxygen pressures upon the metabolism of liver, kidney, lung, and muscle tissues	1945
33	Kenneth W. Donald	Oxygen poisoning in man	1945-05
34	F. Dickens	The Toxic Effects of Oxygen on Brain Metabolism and on Tissue Enzymes	1945
36	Seymour S. Kety and Carl F. Schmidt	The Effects of Altered Arterial Tensions of Carbon Dioxide and Oxygen on Cerebral Blood Flow and Cerebral Oxygen Consumption in Normal Young Men	1947-12
41	J.A.P Pare, J.W. Morton, B. Rose	Carbon dioxyde Narcosis and the management of advanced pulmonary insufficiency.	1955-08
1960 - 1975			
14	Fenton Shaffner, & Philip Felig	Change in hepatic structure in rats produced by breathing pure oxygen	1965-12
17	Banks Anderson	Ocular Effects of Changes in Oxygen and Carbon Dioxide Tension	1968-06
18	Charles W., Nichols, MD, C Lambertsen	Transient unilateral loss of vision associated with oxygen at high pressure	1968
21	H. Bardin and C. J. Lambertsen	A Quantitative Method for Calculating Cumulative Pulmonary Oxygen Toxicity Use of the Unit Pulmonary Toxicity Dose (UPTD)	1970-04

23	Enid R. Kafer	Pulmonary oxygen toxicity: A review of the evidence for acute and chronic oxygen toxicity in man	1971
25	W. Brandon Wright	Use of the university of Pennsylvania, institute for environmental medicine - Procedure for calculation of cumulative pulmonary oxygen toxicity	1972
1976 - 1979			
30	Britton Chance, Helmut Sies, & Alberto Boveris	Hydroperoxide Metabolism in Mammalian Organs	1979-07
1980 to 1985			
9	Bruce A. Freeman & James D. Crapo	Hyperoxia Increases Oxygen Radical Production in Rat Lungs and Lung Mitochondria	1981-06
14	H.D. Van Liew, C.V. Paganelli, J.R. Clarke, L.D. Homer, D.D. Hickey, D.C. Marky, R.J. Smith, J..V Salzano, R.E. Moog and B. Stolp, K. Seqadal, R. E. Peterson, G. BoIstad, J. E. Jacobsen, D.D. Hickey, C.E.G. Lundgren, D.R. Pendergast, Ht Swanson, J.T. Doubt and D.B. Evans	Abstract session: Ventilation - Gas exchange - Cardiovascular	1982-06
18	Bruce A. Freeman & James D. Crapo	Biology of Disease - Free Radicals and Tissue Injury	1982-12
19	P. B. Bennett, R. Coggin, and M. McLeod	Effect of compression rate on use of trimix to ameliorate HPNS in man to 686 m (2250 ft)	1982-12
20	R.W. Brauer, P.M. Hogan, M. Hugon, A.G. Macdonald, & K.W. Miller	Patterns of interaction of effects of light metabolically inert gases with those of hydrostatic pressure as such—a review	1982-12
25	J. Dwyer	Estimation of oxygen uptake from heart rate response to undersea work	1983-06
33	R. W. Brauer and W. M. Hinson	Effects of variations in time pattern of nitrogen addition on development of HPNS in mice	1983-12
34	J. D. Geiger, T. K. Akers, and S. S. Parmar	Effects of helium-oxygen and hyperbaric helium-oxygen environment on drug-metabolizing enzyme activity in rat liver	1983-12
59	DR Leitch, JM Hallenbeck	Oxygen in the treatment of spinal cord decompression sickness	1985
1986 - 1989			
2	Butler	Central nervous system oxygen toxicity in closed circuit scuba divers III	1986
3	F.K. Butler	Central nervous system oxygen toxicity in closed circuit scuba divers 3	1986-03
10	Peter Edel	Evaluation of the use of hydrogen-oxygen as a breathing gas in deep-sea diving	1986
12	Andrea Harabin, D Homer, Paul K Weathersb, E T Flynn	Predicting pulmonary O2 toxicity: A new look at the unit pulmonary toxicity dose	1986
21	C.J. Lambertsen, J.M. Clark, R. Gelfand, J.B. Pisarello, & 8 scientists	Definition of Oxygen Tolerance in Man - Predictive Studies V	1987
36	R.W. Hamilton	Tolerating Exposure to High Oxygen Levels: Repex and Other Methods	1987
38	O. Hyldegaard, J. Madsen	Influence of heliox, oxygen, and N20-O; breathing on N2 bubbles in adipose tissue	1989
1990 - 1995			
10	R.S. Lillo, M.E. MacCallum	Effect of inert gas switching at depth on decompression outcome in rats	1991-01

11	Lambertsen C.J., Clark J.M.	Extension of oxygen tolerance in man	1991
29	Tim D. Oury, Ye-Shih Ho, Claude A. , and James D. Crapo	Extracellular superoxide dismutase, nitric oxide, and central nervous system O ₂ toxicity	1992-07
32	A L Harabin	Human central nervous system oxygen toxicity data from 1945 to 1986	1993
43	M.W.J. Cleeter, J.M. Coopefib, V.M. Darley-Usmard, S. Moncada, & A.H.V. Schapira	Reversible inhibition of cytochrome c oxidase, the terminal enzyme of the mitochondrial respiratory chain, by nitric oxide	1994-04
1996 - 1998			
2	Paul K Weathersby	Statistically Based Decompression Tables IX: Probabilistic Models of the Role of Oxygen in Human Decompression Sickness	1996
12	Joseph S. Beckman, & Willem H. Koppenol	Nitric oxide, superoxide, and peroxynitrite: the good, the bad, and the ugly	1996-11
13	R. Arieli, & A. Gutterman	Recovery time constant in central nervous system O ₂ toxicity in the rat	1996
16	Val Vallyathan & Xianglin Shi	The Role of Oxygen Free Radicals in Occupational and Environmental Lung Diseases	1997-02
27	Irwin Fridovich	Superoxide Anion Radical (O ₂ ⁻), Superoxide Dismutases, and Related Matters	1997-07
28	G. Racic, P.J. Denoble, N. Srem, L. Bojic, and B. Bota	Hyperbaric oxygen as a therapy of Bell's palsy	1997
37	Leopold Schmetterer, Oliver Findl, Karin Strenn, Ursula Graselli, Johannes Kastner, Hans-Georg Eichler, and Michael Wolzt	Role of NO in the O ₂ and CO ₂ responsiveness of cerebral and ocular circulation in humans	1997-12
38	Juan J. Poderoso, Jorge G. Peralta, Constanza L. Lisdero, María Cecilia Carreras, Marcelo Radisic, Francisco Schopfer, Enrique Cadenas, and Alberto Boveris	Nitric oxide regulates oxygen uptake and hydrogen peroxide release by the isolated beating rat heart	1998-01
45	Fumio Yamazaki, Keizo Shiraki, Sueko Sagawa, Yutaka Endo, Riko Torii, Hitoshi Yamaguchi, Motohiko Mohri, and Yu-chong Lin	Assessment of cardiac autonomic nervous activities during heliox exposure at 24 atm abs	1998-07
1999			
2	A. Osellund, P. Sundblad, A. K. Demetriades, D. Linnarsson	Arterial baroreflex control during mild-to-moderate nitrous oxide narcosis	1999-02
21	Clark (J M), Lambertsen (C J), Gelfand (R.), Flores (N D), J. B. Pisarello, M. D. Rossman, and J. A. Elias	Effects of prolonged oxygen exposure at 1.5, 2.0, or 2.5 ATA on pulmonary function in men	1999
2000 - 2002			
4	Ikram M. Elayam, Milton J. Axley, Paruchuri V. Prasad, Stephen T. Ahlers, & Charles R. Auker	Effect of Hyperbaric Oxygen Treatment on Nitric Oxide and Oxygen Free Radicals in Rat Brain	2000-04
18	Daniel K. Mulkey, Richard A. Henderson III, James E. Olson, Robert W. Putnam, and Jay B. Dean	Oxygen measurements in brain stem slices exposed to normobaric hyperoxia and hyperbaric oxygen	2000-12
22	Divers Alert Network, Durham	DAN Nitrox workshop proceeding	2001
29	Thomas Heitzer, Titus Schlinzig, Karoline Krohn, Thomas Meinertz, Thomas Münzel	Endothelial Dysfunction, Oxidative Stress, and Risk of Cardiovascular Events in Patients With Coronary Artery Disease	2001-09
32	Anuj Chawla, Ak Lavania	Oxygen Toxicity	2001
33	Wulf Droge	Free Radicals in the Physiological Control of Cell Function	2002-01
48	Russell P. Bowler, James D. Crapo	Oxidative stress in allergic respiratory diseases	2002

51	Y. Arieli, R. Arieli, A. Marx, R. Arieli,	Hyperbaric oxygen may reduce gas bubbles in decompressed prawns by eliminating gas nuclei	2002
53	Ulrik Wisløff, Russell S. Richardson, & Alf O. Brubakk	NOS inhibition increases bubble formation and reduces survival in sedentary but not exercised rats.	2002
54	Barbara Shykoff	Pulmonary Effects of Submerged Breathing of Air or Oxygen	2002-11
2003			
4	S. Skogland, L.E.B. Stuhr, H. Sundland, S. Marstein, A. Hope	Increased oxygen before and during decompression reduces bubble formation in rats	2003-02
10	Jay B. Dean, Daniel K. Mulkey, Alfredo J. Garcia, Robert W. Putnam, and Richard A. Henderson	Neuronal sensitivity to hyperoxia, hypercapnia, and inert gases at hyperbaric pressures	2003
14	Thomas Floyd, James Clark, Robert Gelfand, John A. Detre, Sarah Ratcliffe, Dimitri Guvakov, Christian J. Lambertsen, and Roderic G. Eckenhoff	Independent cerebral vasoconstrictive effects of hyperoxia and accompanying arterial hypoxemia at 1 ATA.	2003
17	Mirit Eynan, Yehuda Arieli, Ran Arieli, Arieth Bomzon	Hyperoxia May Reduce Energetic Efficiency in the Trained Rat	2003
22	Ahmet Korkmaz, Şükrü Öter, Salih Deveci, Taner Özgürtaş, Turgut Topal, Serdar Sadır, and Hayati Bilgiç	Involvement of Nitric Oxide and Hyperbaric Oxygen in the Pathogenesis of Cyclophosphamide-Induced Hemorrhagic Cystitis in Rats	2003-12
2004			
4	Ulrik Wisløff, Russell S. Richardson, and Alf O. Brubakk	Exercise and nitric oxide prevent bubble formation: a novel approach to the prevention of decompression sickness?	2004-03
5	M. Marczak, M. Pokorski	Oxygen breathing and ventilation	2004
10	R. Arieli, O. Ertracht, I. Oster, A. Vitenstein, and Y. Adir	Effects of nitrogen and helium on CNS oxygen toxicity in the rat	2004-05
12	Stephen J. Cringle and Dao-Yi Yu	Intraretinal Oxygenation and Oxygen Consumption in the Rabbit during Systemic Hyperoxia	2004-05
18	N Bitterman	CNS oxygen toxicity	2004
20	A.L Gill & C.N.A. Bell	Hyperbaric oxygen: its uses, mechanisms of action and outcomes	2004-07
22	Makoto Ikeda, Kazohiko Nakabayashi, Masaharu Shinkai, Yukihiko Hara, Takako Kizaki, Shujiho Huji Oh-Ishi, and Hideki Ohno	Supplementation of Antioxidants Prevents Oxidative Stress during A Deep Saturation Dive	2004-08
24	B. Shykoff	Repeated four hour dives with $pO_2 = 1.35$ atm	2004
27	Anatoly A. Starkov, Gary Fiskum, Christos Chinopoulos, Beverly J. Lorenzo, Susan E. Browne, Mulchand S. Patel, and M. Flint Beal	Mitochondrial α -Ketoglutarate Dehydrogenase Complex Generates Reactive Oxygen Species	2004-09
2005			
2	Lambertsen (Christian J.), J.M Clark, 7 A. B. Troxel	Optimization of oxygen tolerance extension in rats by intermittent exposure	2005
12	Georg Kojda, Rainer Hambrecht	Molecular mechanisms of vascular adaptations to exercise. Physical activity as an effective antioxidant therapy?	2005-06
17	Richard A. Neubauer, Virginia Neubauer, & Franz Gerstenbrand	Late Treatment of Severe Brain Injury with Hyperbaric Oxygenation	2005
25	Page R Painter	Allometric scaling of the maximum metabolic rate of mammals: Oxygen transport from the lungs to the heart is a limiting step.	2005
29	Stephen R. Thom, Veena M. Bhopale, Omaid C. Velazquez, Lee J. Goldstein, Lynne H. Thom, and Donald G. Buerk	Stem cell mobilization by hyperbaric oxygen	2005-11

32	B. Shykoff	two consecutive five-day weeks of daily four-hour dives with oxygen partial pressure 1.4 atm	2005
2006			
10	I.T. Demchenko, C.A. Piantadosi	Nitric oxide amplifies the excitatory to inhibitory neurotransmitter imbalance accelerating oxygen seizures	2006-05
13	Bernadette P. Cabigas, Jidong Su, William Hutchins, Yang Shi, Richard B. Schaefer, René F. Recinos, Vani Nilakantan, Eric Kindwall, Jeffrey A. Niezgoda, John E. Baker	Hyperoxic and hyperbaric-induced cardioprotection: Role of nitric oxide synthase 3	2006-06
18	B.R. Wienke, & Tim O'Leary	To Burn or not burn - High oxygen mixtures	2006
22	Daniel Mathieu	Handbook on Hyperbaric Medicine	2006
26	Ante Obad, Ivan Palada, Zoran Valic, Vladimir Ivancev, Darija Bakovic, Ulrik Wisløff, Alf O. Brubakk, and Zeljko Dujic	The effects of acute oral antioxidants on diving-induced alterations in human cardiovascular function	2006-11
27	Ran Arieli, Yehuda Arieli, Yochanan Daskalovic, Mirit Eynan, and Amir Abramovich	CNS oxygen toxicity in closed-circuit diving: Signs and symptoms before loss of consciousness	2006
2007			
2	Pal Pacher, Joseph S. Beckman, & Lucas Liaudet	Nitric Oxide and Peroxynitrite in Health and Disease	2007
4	Guy C. Brown, Vilmante Borutaite	Nitric oxide and mitochondrial respiration in the heart	2007-03
8	Ivan T. Demchenko, Karen E. Welty-Wolf, Barry W. Allen, and Claude A. Piantadosi	Similar but not the same: normobaric and hyperbaric pulmonary oxygen toxicity, the role of nitric oxide	2007-04
21	John Hedley-Whyte	Pulmonary Oxygen Toxicity: Investigation and Mentoring	2007
28	Barbara Shykoff	Three hours dives with exercise while breathing oxygen partial pressure of 1.3 atmospheres	2007
31	Ksenya Katsenelson, Yehuda Arieli, Amir Abramovich, Moshe Feinsod & Ran Arieli	Hyperbaric oxygen pretreatment reduces the incidence of decompression sickness in rats	2007
2008			
2	C. Lavoute, M. Weiss, JM Sainty, JJ Risso, JC Rostain	Post effect of repetitive exposures to pressure nitrogen-induced narcosis on the dopaminergic activity at atmospheric pressure.	2008-01
12	Steve Selvin	Survival Analysis for Epidemiologic and Medical Research	2008
16	Akin Savas Toklu, Sefika Korpınar, Mustafa Erelel, Gunalp Uzun, & Senol Yildiz	Are pulmonary bleb and bullae a contraindication for hyperbaric oxygen treatment?	2008
25	F. K. Butler, C. Hagan, & H. Murphy-Lavoie	Hyperbaric Oxygen Therapy and the Eye	2008
32	Stephen R. Thom	Oxidative stress is fundamental to hyperbaric oxygen therapy	2008
34	Barry W. Allen, Ivan T. Demchenko, and Claude A. Piantadosi	Two faces of nitric oxide: implications for cellular mechanisms of oxygen toxicity	2008-10
36	T. Randsøe, T. M. Kvist, & O. Hyldegaard	Effect of oxygen and heliox breathing on air bubble in adipose tissue during 25 Kpa altitude exposures	2008
40	Yoram Etzion, Amir Mor, & Yoram Grossman	Differential modulation of cerebellar climbing fiber and parallel fiber synaptic responses at high pressure	2008-11
2009			

21	T. Randsoe, & O. Hyldegaard	Effect of oxygen breathing and perfluorocarbon emulsion treatment on air bubbles in adipose tissue during decompression sickness	2009
24	Olivier Castagna, Emmanuel Gempp, & Jean-Eric Blatteau	Pre-dive normobaric oxygen reduces bubble formation in scuba divers	2009
33	Leigh A. Madden, Bryna C. Christmas, Duane Mellor, Rebecca V. Vince, Adrian W. Midgley, Lars R. McNaughton, Stephen L. Atkin, and Gerard Laden	Endothelial Function and Stress Response After Simulated Dives to 18 msw Breathing Air or Oxygen.	2009-10
2010			
5	Gerardo Bosco, Zhong-jin Yang, Guglielmo Di Tano, Enrico M. Camporesi, & 5 other scientists	Effect of in-water oxygen prebreathing at different depths on decompression-induced bubble formation and platelet activation	2010
7	Jan Krog, Else K. Tønnesen, Claus F. Jepsen, Erik Parner, Kåre Segadal, Arvid Hope, Rune J. Ulvik, and Marianne E. Hokland	Natural Killer Cells as Biomarkers of Hyperbaric Stress During a Dry Heliox Saturation Dive	2010-05
14	Mayumi Kajimura, Ryo Fukuda, Ryon M. Bateman, Takehiro Yamamoto, and Makoto Suematsu	Interactions of Multiple Gas-Transducing Systems: Hallmarks and Uncertainties of CO, NO, and H ₂ S Gas Biology	2010-07
16	Dionne F. Peacher, Shelly R. H. Pecorella, John J. Freiburger, Michael J. Natoli, & 8 Scientists	Effects of hyperoxia on ventilation and pulmonary hemodynamics during immersed prone exercise at 4.7 ATA: possible implications for immersion pulmonary edema	2010
17	V. Lobo, A. Patil, A. Phatak, & N. Chandra	Free radicals, antioxidants and functional foods: Impact on human health	2010
22	Ben Aviner, Yehudit Gnatek, Gideron Gradwohl, Yoram Grossman	Hyperbaric pressure effects on voltage-dependent Ca ²⁺ channels: Relevance to HPNS	2010-09
26	Ivan T. Demchenko, Yu Zhilyaev, A. N. Moskvina, Claude A. Piantadosi, and Barry W. Allen	Autonomic activation links CNS oxygen toxicity to acute cardiogenic pulmonary injury	2010-10
35	Peter p. Rainer, Petr Kaufmann, Freyja M. Smalle-Juettner, Guenter J. Krejs	Case report: Hyperbaric oxygen in the treatment of puff adder (Bitis arietans) bite	2010-12
36	Marc M. Berger, Ragnar Huhn, Gezina T. Oei, Andre' Heinen, Andreas Winzer, Inge Bauer, Benedikt Preckel, Nina C. Weber, Wolfgang Schlack, Markus W. Hollmann	Hypoxia Induces Late Preconditioning in the Rat Heart In Vivo	2010-12
2011			
5	Christian Mehl, Frank Hebllich, Rudolf Lenz, Klaus Ludwig and Matthias Kern	The influence of a hyperbaric environment and increased oxygen partial pressure on the corrosion of dental alloys.	2011-03
6	Si Jack Chong, Meng Kwan Tan, Weihao Liang, Soo Joang Kim and Chai Rick Soh	Maintenance of negative-pressure wound therapy while undergoing hyperbaric oxygen therapy.	2011-03
8	Austin Cope, Joan V Eggert and Erin O'Brien	Retinal artery occlusion: visual outcome after treatment with hyperbaric oxygen.	2011-03
19	Jean-Eric Blatteau, Julien Hugon, Emmanuel Gempp, Olivier Castagna, & 2 scientists	Oxygen breathing or recompression during decompression from nitrox dives with a rebreather: effects on intravascular bubble burden and ramifications for decompression profiles	2011
35	Andreas Fahlman, Brian L. Bostrom, Kiran H. Dillon, and David R. Jones	The genetic component of the forced diving bradycardia response in mammals	2011-09
39	Austin Cope, Joan V Eggert, Erin O'Brien	Retinal artery occlusion: Visual outcome after treatment with hyperbaric oxygen	2011
40	S Lesley Blogg, Mikael Gennser	The need for optimisation of post-dive ultrasound monitoring to properly evaluate the evolution of venous gas embol	2011
41	Si Jack Chong, Meng Kwan Tan, Weihao Liang, Soo Joang Kim, and Chai Rick Soh	Maintenance of negative-pressure wound therapy while undergoing hyperbaric oxygen therapy	2011
42	Christian Mehl, Frank Hebllich, Rudolf Lenz, Klaus Ludwig, and Matthias Kern	The influence of a hyperbaric environment and increased oxygen partial pressure on the corrosion of dental alloys	2011
43	Denis A. Tolstun, Khachik K. Muradian, Vladislav V. Bezrukov	Therapeutic hypercapnia. Review	2011

2012			
11	Ivan. T. Demchenko, Alexander N. Moskvina, Alexander I. Krivchenko, Claude A. Piantadosi, & Barry W. Allen	Nitric oxide-mediated central sympathetic excitation promotes CNS and pulmonary O2 toxicity	2012-03
12	Haim Bitterman	Optimization of intermittent oxygen/air exposure protocols prolongs the safe use of hyperoxia	2012
15	C. Balestra, P. Lafere, P. Germonpre	Persistence of critical flicker fusion frequency impairment after a 33 mfw SCUBA dive: evidence of prolonged nitrogen narcosis?	2012-04
25	Assim A. Alfadda, and Reem M. Sallam	Reactive Oxygen Species in Health and Disease	2012-07
27	Mikulas Chavko, Usamah Kawoos, Saleena Adeeb, Jason Lankasky, Charles R. Auken, Richard M. McCarron	Optimization of intermittent hyperbaric oxygen exposures by duration of oxygen cycles	2012-07
35	Amir Mor, Yosef Y. Kuttner, Shiri Levy, Merav Mor, Michael Hollmann, and Yoram Grossman	Pressure-selective modulation of NMDA receptor subtypes may reflect 3D structural differences	2012-09
37	Miroslav Jakovljević, Gaj Vidmar, Igor B. Mekjavić	Psychomotor function during mild narcosis induced by subanesthetic level of nitrous oxide: individual susceptibility beyond gender effect	2012-11
41	Megan Brenner, Deborah Stein, Peter Hu, And 3 other scientists	Association Between Early Hyperoxia and Worse Outcomes After Traumatic Brain Injury	2012
2013			
8	David J. Doolette, Wayne A. Gerth	Safe inner ear gas tensions for switch from helium to air breathing during decompression	2013
9	Alexander D Cornet, Albertus J Kooter, Mike JL Peters, & Yvo M Smulders	The potential harm of oxygen therapy in medical emergencies	2013
18	Sigrid Theunissen, Nicola Sponsiello, Miroslav Rozloznik, Peter Germonpré, François, Guerrero, Danilo Cialoni and Costantino Balestra	Oxidative stress in breath-hold divers after repetitive dives	2013-06
20	Xavier CE Vrijdag, Pieter-Jan AM van Ooi, & Robert A van Hulst	Argon used as dry suit insulation gas for cold-water diving	2013
30	Walter Hemelryck, Miroslav Rozloznik, Peter Germonpré, Costantino Balestra and Pierre Lafère	Functional comparison between critical flicker fusion frequency and simple cognitive tests in subjects breathing air or oxygen in normobaria	2013-09
37	Marco B. Hansen, Tejs Jansen, Michael B. Sifakis, Ole Hyldegaard, & Erik C. Jansen	Chamber personnel's use of Nitrox 50 during hyperbaric oxygen treatment: A quality study - Research report	2013
2014			
14	Ben Aviner, Gideon Gradwohl, Merav Mor Aviner, Shiri Levy, and Yoram Grossman	Selective modulation of cellular voltage-dependent calcium channels by hyperbaric pressure—a suggested HPNS partial mechanism	2014-05
18	Malcolm Hobbs, Philip A. Higham, Wendy Kneller	Memory and Metacognition in Dangerous Situations: Investigating Cognitive Impairment From Gas Narcosis in Undersea Divers	2014-06
22	Richard E. Moon, & Simon Mitchell	Hyperbaric oxygen for decompression sickness: 2021 update	2014
25	Pieter-Jan Van Ooij, R.A. van Hulst, W. Kulik, P. Brinkman, A. Houtkooper, & P.J. Sterk	Hyperbaric oxygen diving affects exhaled molecular profiles in men	2014
27	Stephen R. Thom, Veena M. Bhopale, Ming Yang	Neutrophils Generate Microparticles during Exposure to Inert Gases Due to Cytoskeletal Oxidative Stress.	2014
28	J.C. Rostain, & N. Balon	Recent neurochemical basis of inert gas narcosis and pressure effects	2014
31	Ian C Gawthrop, David A Playford, Benjamin King, Kathryn Brown, Catherine Wilson and Barry McKeown	The cardiac effects of hyperbaric oxygen at 243 kPa using in-chamber echocardiography	2014-09
32	Laura Lamprell, Derelle Young, Venkat Vangaveti, John Orton and Anand Suruliraj	Retrospective review of grommet procedures under general versus local anaesthesia among patients undergoing hyperbaric oxygen Therapy	2014-09

35	Undersea and Hyperbaric Medical Society	Hyperbaric Oxygen Therapy Indications Thirteenth Edition The Hyperbaric Oxygen Therapy Committee Report	2014
38	Jason M. Valadao, John A. Vigilante, Nicholas W. DiGeorge, Sunila E. O'Connor, + 6 scientists	Ketogenic diet for high partial pressure oxygen diving	2014
43	Antonino Baez, Joseph Shiloach, & Tadeusz Doboszynski	Effect of elevated oxygen concentration on bacteria, yeasts, and cells propagated for production of biological compounds	2014
2015			
3	Mircea Degeratu, Simona Rus, & Ana Ion	optimization of diving with Nitrox over-oxygenated breathing mixtures to depths of 15 to 50 metres	2015
6	Malcolm Hobbs, Wendy Kneller	Inert gas narcosis disrupts encoding but not retrieval of long term memory	2015-02
8	James E Clark	Moving in extreme environments: inert gas narcosis and underwater activities	2015-02
11	Bennett MH, Weibel S, Wasiak J, Schnabel A, French C, Kranke P	Hyperbaric oxygen therapy for acute ischaemic stroke (Review)	2015-03
16	S.F. Storti, E. Formaggio, M. Melucci, F. Faralli, L. Ricciardi, G. Menegaz, L. Pastena	Alterations of Source and Connectivity EEG Patterns Under Simulated Deep-Sea Conditions	2015-04
19	Marco Stubbe, Matthias Nissen, Jessica Schroeder, Jan Gimsa	The effect of hyperbaric air on the electric activity of neuronal in vitro networks	2015-05
21	A. Sureda, J. M. Batle, J. A. Tur, A. Pons	Competitive apnea diving sessions induces an adaptative antioxidant response in mononucleated blood cells	2015-05
23	Mircea Degeratu, Simona Rus, & Ana Ion	Optimization of diving with "nitrox" over-oxygenated breathing mixtures to depths of 15 to 40 metres.	2015
36	F. Jay Haran, Amelia Lovelace	Effects of Inspired CO2 and Breathing Resistance on Neurocognitive and Postural Stability in U.S. Navy Divers	2015-08
42	Barbara E. Shykoff	Residual oxygen time model for oxygen partial pressure near 130 kPa (1.3 atm)	2015
50	Trientje B Santema, Robert M Stoekenbroek, Koen C van Steekelenburg, Rob A van Hulst, Mark JW Koelemay, and Dirk T Ubbink	Economic outcomes in clinical studies assessing hyperbaric oxygen in the treatment of acute and chronic wounds	2015
55	Christopher Sames, Desmond F Gorman, Peter Sandiford, & Lifeng Zhou	Comparison of Australian and New Zealand referral rates for hyperbaric oxygen in oro-facial osteoradionecrosis: evidence-based, funding constraint or clinician whim?	2015
2016			
5	Ozturk Handan, Aktas Samil	Hyperbaric oxygen and topical oxygen are different treatments	2016
21	S. K. Deb, P. A. Swinton, & E. Dolan	Nutritional considerations during prolonged exposure to a confined, hyperbaric, hyperoxic environment: recommendations for saturation divers.	2016
25	Wen-wu Liu, Cui-hong Han, Pei-xi Zhang, Juan Zheng, Kan Liu, Xue-jun Sun	Nitric oxide and hyperoxic acute lung injury	2016-06
33	John P. Florian, Ki H. Chon, Luca Faes, Barbara E. Shykoff	Breathing 100% oxygen during water immersion improves postimmersion cardiovascular responses to orthostatic stress	2016
34	J. J. Freiberger, B. J. Derrick, M. J. Natoli, I. Akushevich, E. A. Schinazi, C. Parker, B. W. Stolp, P. B. Bennett, R. D. Vann, S. A. S. Dunworth, and R. E. Moon	Assessment of the interaction of hyperbaric N2, CO2, and O2 on psychomotor performance in divers	2016-09
37	Susannah Sherlock, Kenneth Thistlethwaite, Mohsina Khatun, Christopher Perry, and Alexis Tabah	Hyperbaric oxygen therapy in the treatment of sudden sensorineural hearing loss: a retrospective analysis of outcomes.	2016
41	Münire Kübra Özgök-Kangal, Iclal Karatop-Cesur, Gökhan Akcalı, Senol Yildiz, and Günalp Uzun	Requests for emergency hyperbaric oxygen treatment for carbon monoxide poisoning in Ankara, Turkey	2016

45	Vincent Souday, Nick J. Koning, Bruno Perez	Enriched Air Nitrox Breathing Reduces Venous Gas Bubbles after Simulated SCUBA Diving: A Double-Blind Cross-Over Randomized Trial	2016
2017			
15	Daniel Mathieu, Alessandro Marroni, Jacek Kot	Tenth European Consensus Conference on Hyperbaric Medicine: recommendations for accepted and non-accepted clinical indications and practice of hyperbaric oxygen treatment	2016
16	Anne-Kathrin Brebeck, Andreas Deussen, Henning Schmitz-Peiffer, Ursula Range, & 3 scientists	Effects of oxygen-enriched air on cognitive performance during SCUBA-diving – an open-water study	2017
21	Barbara Shykoff	UPTD calculations should not be used	2017
24	Fabian Steinberg, and Michael Doppelmayr	Executive Functions of Divers Are Selectively Impaired at 20-Meter Water Depth	2017-06
35	Peter Germonpré, Costantino Balestra, Walter Hemelryck, Peter Buzzacott, & Pierre Lafère	Objective vs. Subjective Evaluation of Cognitive Performance During 0.4-MPa Dives Breathing Air or Nitrox	2017
36	Dor Vadas, Leonid Kalichman, Amir Hadanny, & Shai Efrati	Hyperbaric Oxygen Environment Can Enhance Brain Activity and Multitasking Performance.	2017
44	Mark J Elder, John A Rawstron, Michael Davis	Hyperbaric oxygen in the treatment of acute retinal artery occlusion	2017
48	Jordan M Warchol, Jeffrey S Cooper, Thomas S Diesing	Hyperbaric oxygen-associated seizure leading to stroke	2017
2018			
3	Alf O Brubakk, Randi Eidsmo Reinertsen, V. Flook, & S. Koteng	Effect of oxygen tension and rate of pressure reduction during decompression on central gas bubbles	2018
4	Gerardo Bosco, Alex Rizzato, Silvia Quartesan, Enrico Camporesi & 6 scientists	Effects of the Ketogenic diet in overweight divers breathing Enriched Air Nitrox	2018
6	Thiago Felipe dos Santos Barros, Renata Gregorio Paulos, Fernanda do Carmo, Iwase Gustavo Bispo dos Santos, & 2 scientists	Effect of Hyperbaric Oxygen therapy on nerve regeneration in rats	2018
8	Fernando A. Moraga, Iván López, Alicia Morales, Daniel Soza, and Jessica Noack	The Effect of Oxygen Enrichment on Cardiorespiratory and Neuropsychological Responses in Workers With Chronic intermittent Exposure to High Altitude (ALMA, 5,050 m)	2018-03
15	Isaac Peña-Villalobos, Ignacio Casanova-Maldonado, Pablo Lois, & Catalina Prieto	Hyperbaric Oxygen Increases Stem Cell Proliferation, Angiogenesis and Wound-Healing Ability of WJ-MSCs in Diabetic Mice	2018
26	Joe KS Leung, Rex PK Lam	Hyperbaric oxygen therapy: its use in medical emergencies and its development in Hong Kong	2018
30	Barbara E. Shykoff, & John P. Florian	Pulmonary effects of repeated six-hour normoxic and hyperoxic dives	2018
43	V A Simon, V A Gerasimov, D K Kostrin, L M Selivanov and A A Uhov	One-channel EEG monitor for tracking the depth of narcosis	2018-09
47	Ruoli Chen, U Hin Lai, Lingling Zhu, Ayesha Singh, Muhammad Ahmed, and Nicholas R. Forsyth	Reactive Oxygen Species Formation in the Brain at Different Oxygen Levels: The Role of Hypoxia Inducible Factors	2018-10
2019			
5	Thijs T. Wingelaar, Pieter-Jan A. M. van Ooij, Paul Brinkman, & Rob A. van Hulst	Pulmonary Oxygen Toxicity in Navy Divers: A Crossover Study Using Exhaled Breath Analysis After a One-Hour Air or Oxygen Dive at Nine Meters of Sea Water	2019
7	Geoffrey E. Ciarlone, Christopher M. Hinojo, Nicole M. Stavitzski, Jay B. Dean	CNS function and dysfunction during exposure to hyperbaric oxygen in operational and clinical settings	2019-03
17	T. T. Wingelaar, P. Brinkman, P. J. A. M. van Ooij, R. Hoencamp & 3 scientists	Markers of Pulmonary Oxygen Toxicity in Hyperbaric Oxygen Therapy Using Exhaled Breath Analysis	2019
18	Ali Erdal Gunes, Samil Aktas	Effects of Hyperbaric Oxygen Therapy	2019

27	Amir Hadanny, Tal Zubari, Liat Tamir-Adler, Yair Bechor, & 6 scientists	Hyperbaric oxygen therapy effects on pulmonary functions: a prospective cohort study	2019
30	Ran Arieli	Pulmonary oxygen toxicity in saturation dives with PO ₂ close to the lower end of the toxic range - A quantitative approach	2019
32	Christopher M. Myers, Jeong-Su Kim, Kevin K. McCully, & John P. Florian	Effects of repeated, long-duration hyperoxic water immersions on neuromuscular endurance in well-trained males	2019
34	Ivana Šegrt Ribić, Maja Valić, Joško Božić, Ante Obad, & 3 scientists	Influence of oxygen enriched gases during decompression on bubble formation and endothelial function in self-contained underwater breathing apparatus diving: a randomized controlled study	2019
36	Ran Arieli	Calculated risk of pulmonary and central nervous system oxygen toxicity: A toxicity index derived from the power equation	2019
39	Kaitlin N. Allen, & José Pablo Vázquez-Medina	Natural Tolerance to Ischemia and Hypoxemia in Diving Mammals: A Review	2019-09
47	Denis A. Tolstun, Anna Knyazer, Tetiana V. Tushynska, Tatyana A. Dubiley, & 3 scientists	Metabolic remodelling of mice by hypoxic-hypercapnic environment: imitating the naked mole-rat	2018
48	Jonathan L. Halbach, James M. Prieto, Andrew W. Wang, & 10 other scientists	Early hyperbaric oxygen therapy improves survival in a model of severe sepsis	2019
50	Olivier Castagna, Cedric Bergmann, & Jean Eric Blatteau	Is a 12-h Nitrox dive hazardous for pulmonary function?	2019
54	Ran Arieli	Oxygen toxicity and diving headache	2019-12
55	Bin Peng, Du-Du Hao, Xia Li, Guo-Hua Wang, Zong-Yu Guan, Zheng-Lin Jiang	Inhibition of NR2B-containing NMDA receptors during nitrogen narcosis.	2019-12
2020 - Part A			
3	Ben Aviner, Ran Arieli, & Alexandra Yalov	Power Equation for Predicting the Risk of Central Nervous System Oxygen Toxicity at Rest	2020
13	Tahreem Fatima	Chronicles of hyperbaric oxygen treatment	2020
14	Juan C Dapena, Corine A Lansdorp, & Simon J Mitchell	Persistent extravascular bubbles on radiologic imaging after recompression treatment for decompression sickness: A case report.	2020
17	Sergey S. Petrikov, Anatoly K. Evseev, Olga A. Levina, Aslan K. Shabanov, & 10 Scientists	Hyperbaric Oxygen Therapy in Patients with COVID-19	2020
24	Babak Hajhosseini, Britta A. Kuehlmann, Clark A. Bonham, Kathryn J. Kamperman, & Geoffrey C. Gurtner	Hyperbaric Oxygen Therapy: Descriptive Review of the Technology and Current Application in Chronic Wounds	2020
2020 - Part B			
6	Simona Mrakic-Sposta, Alessandra Vezzoli, Federica D'Alessandro, Matteo Paganini, & 3 scientists	Change in Oxidative Stress Biomarkers During 30 Days in Saturation Dive: A Pilot Study	2020
17	Xuehua Liu, Fang Liang, Jing Zhang, Zhuo Li, Jing Yang, and Nan Kang	Hyperbaric Oxygen Treatment Improves Intestinal Barrier Function After Spinal Cord Injury in Rats	2020-10
20	Ran Arieli, Ben Aviner	Acclimatization and Deacclimatization to Oxygen: Determining Exposure Limits to Avoid CNS O ₂ Toxicity in Active Diving	2020
23	Maja Schlittler, Hannes Gatterer, Rachel Turner, Ivo B. Regli, & 10 scientists	Regulation of plasma volume in male lowlanders during 4 days of exposure to hypobaric hypoxia equivalent to 3500 m altitude	2020
27	Xavier CE Vrijdag, Hanna van Waart, Jamie W Sleight, Costantino Balestra, & Simon J Mitchell	Investigating critical flicker fusion frequency for monitoring gas narcosis in divers	2020
33	Catherine Ashton, Neil Banham, Merrilee Needham	Acute spontaneous spinal cord infarction: Utilisation of hyperbaric oxygen treatment, cerebrospinal fluid drainage and pentoxifylline	2020-12
2021 - part A			

1	Danilo Cialoni, Andrea Brizzolari, Michele Samaja, Gerardo Bosco, Matteo Paganini, Massimo Pieri, Valentina Lancellotti, & Alessandro Marroni	Nitric Oxide and Oxidative Stress Changes at Depth in Breath-Hold Diving	2021-01
23	Xavier CE Vrijdag, Hanna van Waart, Jamie W Sleigh, Simon J Mitchell	Reply: Commentary on using critical flicker fusion frequency to measure gas narcosis	2021-04
24	Celia Andrés Juan, José Manuel Pérez de la Lastra, Francisco J. Plou, and Eduardo Pérez-Lebeña	The Chemistry of Reactive Oxygen Species (ROS) Revisited: Outlining Their Role in Biological Macromolecules (DNA, Lipids and Proteins) and Induced Pathologies	2021-04
25	Jianping Liu, Miaomiao Wu, Run Zhang, Zhi Ping Xu	Oxygen-derived free radicals: Production, biological importance, bioimaging, and analytical detection with responsive luminescent nanoprobes.	2021-04
28	Jianping Liu, Miaomiao Wu, Run Zhang, Zhi Ping Xu	Oxygen-derived free radicals: Production, biological importance, bioimaging, and analytical detection with responsive luminescent nanoprobes	2021-04
32	Suman Sen, & Sheuli Sen	Therapeutic effects of hyperbaric oxygen: integrated review	2021
39	Ethar Mohamedalfatih Fadol, Hayat Mohamed Suliman, Bashier Osman, Safa A. Abdalla, & 3 scientists	Therapeutic outcomes evaluation of adjuvant hyperbaric oxygen therapy for non-healing diabetic foot ulcers among sudanese patients	2021
41	Anna Marcinkowska, Natalia Mankowska, Jacek Kot, & Pawel Winklewski	Impact of Hyperbaric Oxygen Therapy on Cognitive Functions: a Systematic Review	2021
43	Jacek Kot, Pawel J Winklewski	Commentary on using critical flicker fusion frequency to measure gas narcosis	2021-06
47	Fang Liang, Nan Kang, Pinpin, Xuehua Liu, Ge Li, Jing Yang	Effect of Hyperbaric Oxygen Therapy on Polarization Phenotype of Rat Microglia After Traumatic Brain Injury	2021-06
49	Fabian Möller, Elena Jacobi, Uwe Hoffmann, Thomas Muth, & Thomas Muth	Oxygen-enriched Air Decreases Ventilation during High-intensity Fin-swimming Underwater	2021
2021 - part B			
8	Wen-Jie Wang, Jia-Sheng Ding, Qing Sun, Xiang Xu, & Gang Chen	Role of hyperbaric oxygen in glioma: a narrative review	2021
12	Miguel A. Ortega, Oscar Fraile-Martinez, Cielo García-Montero, Enrique Callejón-Peláez, Miguel A. Sáez, Miguel A. Álvarez-Mon, Natalio García-Hondurilla, Jorge Monserrat, Melchor Álvarez-Mon, Julia Bujan, and María Luisa Canals	A General Overview on the Hyperbaric Oxygen Therapy: Applications, Mechanisms and Translational Opportunities	2021-08
13	Danilo Cialoni, Andrea Brizzolari, Michele Samaja, Gerardo Bosco, & 4 scientists	Endothelial Nitric Oxide Production and Antioxidant Response in Breath-Hold Diving: Genetic Predisposition or Environment Related?	2021
19	Selahattin ÇAKIROĞLU, Ertuğrul KERİMOĞLU, Bengüsu MİRASOĞLU	Hyperbaric Oxygen Therapy In Patients With Dysbaric Osteonecrosis	2021
23	Alexander Patrician, Frank Pernett, Angelica Lodin-Sundström, & Erika Schagatay	Association Between Arterial Oxygen Saturation and Lung Ultrasound B-Lines After Competitive Deep Breath-Hold Diving	2021
37	Barbara Nieradko-Iwanicka, Daria Przybylska, Piotr Siermontowski, Cezary J. Kowalski, & 2 scientists	Possible applications of hyperbaric oxygen therapy-narrative review	2021
46	Esen Yonca Bassoy, Michael Walch, and Denis Martinvalet	Reactive Oxygen Species: Do They Play a Role in Adaptive Immunity?	2021-11
51	Chen Chen, Heng Hu, Rui-yong Chen	Varied effects exerted on sudden sensorineural hearing loss through HBO2 therapeutic pressure.	2021-11
52	Nicole Lifson, George Salloum, Philip Kurochkin, Michael Bivona, Han Y. Yin, Samuel Alpert	Treatment outcomes on neovascularization after CRAO treated with hyperbaric oxygen.	2021-11
53	Sangchun Choi, Hyuk-Hoon Kim, Seong Beom Oh, Yoon Seok Jung	Repetitive hyperbaric oxygen therapy for paroxysmal sympathetic hyperactivity after acute carbon monoxide poisoning.	2021-11
55	Paul Cianci, Ronald M. Sato, Julia Faulkner	Hyperbaric oxygen for thermal burns	2021-11
58	Rutger C Laliu, Ida Akkerman, Peter-Jan AM van Ooij, Annieke A Boersma-Voogd, & Rob A van Hulst	Nutritional status of patients referred for hyperbaric oxygen treatment; a retrospective and descriptive cross-sectional study	2021

61	Yan Tian, Yafang Zhang, Yu Wang, Yunxi Chen, & 4 scientists	Hydrogen, a Novel Therapeutic Molecule, Regulates Oxidative Stress, Inflammation, and Apoptosis	2021
2022 - part A			
2	Denis Martinvalet, and Michael Walch	Editorial: The Role of Reactive Oxygen Species in Protective Immunity	2022-01
3	Zachary M. Harris, Ying Sun, John Joerns, Brian Clark, & 13 scientists	Epidermal Growth Factor Receptor Inhibition Is Protective in Hyperoxia-Induced Lung Injury	2022
6	Bilsev Ince, Majid Ismayilzada, Abdullah Arslan, Mehmet Dadaci	Does hyperbaric oxygen therapy facilitate peripheral nerve recovery in upper extremity injuries? A prospective study of 74 patients.	2021-11
7	Robert P. Ostrowski, Emanuela Pucko and Ewa Matyja	Proteasome and Neuroprotective Effect of Hyperbaric Oxygen Preconditioning in Experimental Global Cerebral Ischemia in Rats	2022-02
12	Xavier C. E. Vrijdag, Hanna van Waart, Rebecca M. Pullon, Chris Sames, Simon J. Mitchell, and Jamie W. Sleigh	EEG functional connectivity is sensitive for nitrogen narcosis at 608 kPa	2022-03
16	Hugo F. Posada-Quintero, Carol S. Landon, Nicole M. Stavitzski, Jay B. Dean, & Ki H. Chon	Seizures Caused by Exposure to Hyperbaric Oxygen in Rats Can Be Predicted by Early Changes in Electrodermal Activity	2022
17	Khodor Haidar Hassan, Joelle Azzi, Gian Marco Oppo, Hadi Raef Rida, & 7 scientists	Application of hyperbaric oxygen therapy in osteoporosis	2022
20	Linjie Wei, Chi Lin, Xingsen Xue, & Shiju Jila	The Effect of Hemoglobin Concentration on Hyperbaric Oxygen and Non-hyperbaric Oxygen in the Treatment of Hypertensive Intracerebral Hemorrhage After Operation at the High Altitude	2022
21	Enrico Marchetti, Daniela Pigni, Mariangela Spagnoli, Giovanna Tranfo, & 7 scientists	Hyperbaric Exposure of Scuba Divers Affects the Urinary Excretion of Nucleic Acid Oxidation Products and Hypoxanthine	2022
24	Ian L Millar, Folke G Lind, Karl-Åke Jansson, Michal Hájek, & 11 scientists	Hyperbaric Oxygen for Lower Limb Trauma (HOLLT): an international multi-centre randomised clinical trial	2022
25	Agilent - https://www.agilent.com/en	An Introduction to Reactive Oxygen Species	2022
30	Paul G. Harch	Systematic Review and Dosage Analysis: Hyperbaric Oxygen Therapy Efficacy in Mild Traumatic Brain Injury Persistent Post concussion Syndrome.	2022
31	Véronique Billat, Luc Poinard, Florent Palacin, Jean Renaud Pycke, and Michael Maron	VOxygen Uptake Measurements and Rate of Perceived Exertion During a Marathon	2022-05
39	Xavier C. E. Vrijdag, Hanna van Waart, Chris Sames, Simon J. Mitchell, Jamie W. Sleigh	Does hyperbaric oxygen cause narcosis or hyperexcitability? A quantitative EEG analysis	2022
43	Feiko J. M. de Jong, Thijs T. Wingelaar, Paul Brinkman, Pieter-Jan A. M. van Ooij & 3 other scientists	Pulmonary Oxygen Toxicity Through Exhaled Breath Markers After Hyperbaric Oxygen Treatment Table 6	2022
49	Gordon Slater, Martin O'Malley, Tayla Slater, & Tandose Sambo	Hyperbaric Oxygen Therapy: An Overview	2022
51	Connor TA Brenna, Shawn Khan, George Djaiani, Jay C Buckley Jr. , & Rita Katznelson	The role of routine pulmonary imaging before hyperbaric oxygen treatment	2022
58	Nan-Chieh Huang, Yu-Lung Wu, & Ren-Fang Chao	Visualization and Bibliometric Analysis of Research Trends on Hyperbaric Oxygen Therapy	2022
2022 - part B			
3	Joseph C. Maroon	The effect of hyperbaric oxygen therapy on cognition, performance, proteomics, and telomere length—The difference between zero and one: A case report	2022-07
4	Costantino Balestra, Awadhesh K. Arya, Clément Leveque, Fabio Virgili, Peter Germonpré, Kate Lambrechts, Pierre Lafère, and Stephen R. Thom	Varying Oxygen Partial Pressure Elicits Blood-Borne Microparticles Expressing Different Cell-Specific Proteins—Toward a Targeted Use of Oxygen?	2022-07
5	Clara Gaiolima, João Castedo, Mafalda Cruz, Margarida Candeias, & Óscar Camacho	The role of hyperbaric oxygen therapy in the treatment of radiation Lesions	2022

10	Yuwen Chen, Liang Wang, Wenjun You, Fei Huang, Yingzi Jiang, Li Sun, Siye Wang, Su Liu	Hyperbaric oxygen therapy promotes consciousness, cognitive function, and prognosis recovery in patients following traumatic brain injury through various pathways	2022-08
13	D. Limanan, F. Ferdinal	Oxygen, ROS/RNS, Hypoxia and Hypoxia Inducible Factors	2022
14	Miguel Alvarez Villela, Sophia A. Dunworth, Bryan D. Kraft, & Nicole P. Harlan	Effects of high-intensity interval training with hyperbaric oxygen	2022
15	Alain Boussuges, Jeremy Bourenne, Farid Eloufir, Julien Fromonot, & 5 scientists	Contribution of Adenosine in the Physiological Changes and Injuries Secondary to Exposure to Extreme Oxygen Pressure in Healthy Subjects.	2022
21	Emmanuel Gouin, Costantino Balestra, Jeremy Orsat, Emmanuel Dugrenot, and Erwan L'Her	Pulmonary Effects of One Week of Repeated Recreational Closed-Circuit Rebreather Dives in Cold Water.	2022
30	Jan Risberg, & Pieter-Jan van Ooij	Hyperoxic exposure monitoring in diving: A farewell to the UPTD	2022
33	Connor TA Brenna, Shawn Khan, Rita Katznelson, & Richard Brull	The role of hyperbaric oxygen therapy in the management of perioperative peripheral nerve injury: a scoping review of the literature.	2022
34	Beibei Dong, Yuanyuan Bai, Qi Jia, Xinyue Zhang, Shiquan Wang, & Zongping Fang	Screening Serum Biomarkers for Rats Preconditioned with Hyperbaric Oxygen: Potential of Predicting Prognosis for Stroke	2022
38	Yun Mukmin Akba, Ani Melani Maskoen, Endah Mardiaty, Ganesha Wandaw, & Arlette Suzy Setiawan	Potential Use of Hyperbaric Oxygen Therapy in Orthodontic Treatment: A Systematic Review of Animal Studies	2022
40	Kara D. Wyatt, Neha N. Goel, and Jessica S. Whittle	Recent advances in the use of high flow nasal oxygen therapies	2022-10
41	Rutger van der Schrier, Monique van Velzen, Margot Roozekrans, Elise Sarton, Erik Olofsen, Marieke Niesters, Chantal Smulders, and Albert Dahan	Carbon dioxide tolerability and toxicity in rat and man: A translational study	2022-10
43	Kaitlin J. Mayne, Jennifer S. Lees, & William G. Herrington	Bioimpedance in CKD: an untapped resource?	2022-10
45	Vincenzo Zanon, Silvia Magri, Giulia Bonera, & Enrico Camporesi	Complete Recovery of an Iatrogenic Venous Gaseous Embolism (VGE) Clinical Presentation Thanks to a Timely Hyperbaric Oxygen Therapy (HBOT) Treatment.	2022
48	Clément Leveque, Simona Mrakic-Spota, Pierre Lafère, Alessandra Vezzoli, & 9 other scientists	Oxidative Stress Response's Kinetics after 60 Minutes at Different (30% or 100%) Normobaric Hyperoxia Exposures.	2022
59	Gerrit A. Martens, Lars P. Folkow, Thorsten Burmester, and Cornelia Geßner	Elevated antioxidant defence in the brain of deep-diving pinnipeds	2022-12
2023 - Part A			
1	Metelkina Asya & Barbaud Axel	Commentary: Comparison of newer hand-held ultrasound devices for post-dive venous gas emboli quantification to standard echocardiography	2023-01
3	Gen-Min Lin, Kun-Zhe Tsai, Xuemei Sui, and Carl J. Lavie	Estimated power output for a distance run and maximal oxygen uptake in young adults	2023-01
4	Marta Ruiz-Mambrilla, Antonio Dueñas-Ruiz, José L. Pérez-Castrillón, Iciar Usategui-Martín, Antonio Dueñas-Laita	Speech therapy and hyperbaric oxygen for aphasia after carbon monoxide intoxication	2023-01
5	Jan Risberg, Pieter-Jan van Ooij, Lyubisa Matity	From UPTD to ESOT: Monitoring hyperoxic exposure in surface-oriented diving	2023-01
9	Desi Rahmah Sari, Ismi Dian Meiliana, Dewangga Sakti Satria Kinasih, Hamidah Kurniasari, Purwo Sri Rejeki	Hyperbaric Oxygen Therapy as an Adjuvant Treatment in Hydrochloric Acid Poisoning: A Literature Review	2023-01
11	Yu-Yao Zhang, Yi-Jun Zhou, Yuan-Yuan Jia, Tian-Tian Wang, & Dian-Huai Meng	Adverse Effects of Hyperbaric Oxygen Therapy: a systematic review and meta-analysis	2023-01
12	Chunqin Liu, Mingyi Qin, Xiaojuan Hou, & Yu Li, Zongze He	Hyperbaric oxygen therapy for patients with hypertension after microsurgery of total avulsion of auricle: a case report.	2023-01
14	Simona Mrakic-Spota, Maristella Gussoni, Mauro Marzorati, Simone Porcelli, & 5 scientists	The "ON-OFF" Switching Response of Reactive Oxygen Species in Acute Normobaric Hypoxia: Preliminary Outcome.	2023-02

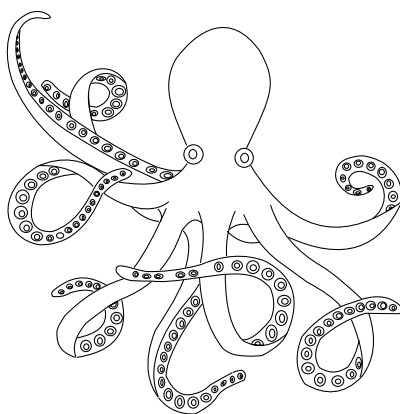
15	Mariana Ríos-Gómez, Viviana Gómez-Ortega, Cesar Cardona, Jose A. De la Hoz-Valle	Hyperbaric Oxygen Therapy in Plastic, Aesthetic, and Reconstructive Surgery: Systematic Review.	2023-02
30	Phillip G. Durham, Awaneesh Upadhyay, Angel Navarro-Becerra, Richard E. Moon, & 3 scientists	Effect of Anesthetic Carrier Gas on In Vivo Circulation Times of Intravenously Administered Phospholipid Oxygen Microbubbles in Rats.	2023-04
36	Mehdi Abakka, MJ Mekkaoui, M. Bouffetal, RA Bassir, & 2 scientists	Contribution of Hyperbaric Oxygen Therapy in the Management of Gas Gangrene, Necrotizing Fasciitis and Suppuration of the Limbs	2023-04
40	Bingyan Ren, Hanbin Ye Wenyan Shan, Xuelei Tao, & Zi Ye	Effect of Hyperbaric Oxygen Intervention on Oxidative Stress and Expression of Nerve Growth Factor in Patients with Craniocerebral Injury	2023-05
42	Ahmet Burak Simsek, Hazım Alper Gursu, Emine Azak, Yasemin Ozdemir Sahan, & 3 scientists	Evaluation of the cardiac functions with tissue doppler before and after hyperbaric oxygen therapy of patients with carbon monoxide poisoning.	2023-05
43	Gonzalo Monge-Martínez, Matías Otto-Yáñez, Nicole Norambuena, Verónica Martínez. & 2 scientists	Safety of Hyperbaric Oxygenation Treatment and Evaluation of Associated Clinical Parameters: A Single-Institutional Prospective Cohort Study.	2023-05
44	Katarzyna Latusek, Adrianna Słotwińska-Pawlaczyk, Aleksandra Warakomska, Magdalena Kubicka-Musiał, & 2 scientists	Pilot Study: The Effectiveness of Hyperbaric Oxygen Therapy in the Treatment of Periodontitis in Patients with Type 2 Diabetes	2023-05
45	Connor T. A. Brenna, Shawn Khan, Rita Katznelson, & Katherine Marseu	Successful treatment of neurologic injury after complex spinal surgery with hyperbaric oxygen therapy: a case report	2023-05
48	Clément Leveque, Simona Mrakic Sposta, Sigrid Theunissen, Peter Germonpré, & 7 scientists	Oxidative Stress Response Kinetics after 60 Minutes at Different Levels (10% or 15%) of Normobaric Hypoxia Exposure.	2023-06
51	Ahmad Fawzy, Ismiralda Oke Putranti, & Erni Setiyawati	The Potential Role of Hyperbaric Oxygen Therapy in Psoriasis Treatment: A Review of PI3K/AKT/FOXO Signaling Cascade and Interleukin-1β	2023-06
56	Feiko J. M. de Jong, Thijs T. Wingelaar, & Rob A. van Hulst	Pulmonary oxygen toxicity in occupational diving	2023-06
2023 Part B			
4	Javed Iqbal, Abdullah Naeem, Kainat Jahangir, Yumna Ali, & 5 scientists	Hyperbaric Oxygen and Outcomes Following the Brain Injury: A Systematic Review	2023-07
6	Beibei Dong, Yuanyuan Bai, Qi Jia, Lin Su, & 3 scientists	Screening Serum Biomarkers for Rats Preconditioned with Hyperbaric Oxygen: Potential of Predicting Prognosis for Stroke	2023-07
10	Ran Arieli	The pulmonary oxygen toxicity index	2023-07
11	Piotr H. Skarzynski, Aleksandra Kolodziejak, Elżbieta Gos, & Magdalena B. Skarzyska	Hyperbaric oxygen therapy as an adjunct to corticosteroid treatment in sudden sensorineural hearing loss: a retrospective study.	2023-07
12	Javed Iqbal, Abdullah Naeem, Kainat Jahangir, Yumna Ali, & 5 scientists	Hyperbaric Oxygen and Outcomes Following the Brain Injury: A Systematic Review.	2023-07
13	Arman Vahabi, Merve Mert, Huseyin Aytac Erdem, Ilgin Yildirim Simsir, & 2 scientists	Safe Use of Hyperbaric Oxygen Therapy in the Treatment of Diabetic Foot Ulcers: A Multidisciplinary Approach to Minimize Adverse Effects	2023-07
16	Meng-Meng Shi, Yun-Tian Chen, Xiao-Dan Wang, Yun-Feng Zhang, Ting Cheng, Hui Chen, Feng Sun, Hong Bao, Rong Chen, Wei-Ning Xiong, Yuan-Lin Song, Qing-Yun Li, and Jie-Ming Qu	The efficacy of hydrogen/oxygen therapy favored the recovery of omicron SARS-CoV-2 variant infection: results of a multicenter, randomized, controlled trial.	2023-08
19	Lin ZC, Bennett MH, Hawkins GC, Azzopardi CP, Feldmeier J, & 2 scientists	Hyperbaric oxygen therapy for late radiation tissue injury - Review	2023-08
24	Costantino Balestra, Simona Mrakic-Sposta, & Fabio Virgili	Oxygen Variations—Insights into Hypoxia, Hyperoxia and Hyperbaric Hyperoxia—Is the Dose the Clue?	2023-08
26	Clément Leveque, Simona Mrakic Sposta, Sigrid Theunissen, Peter Germonpré, & 7 scientists	Oxidative Stress Response Kinetics after 60 Minutes at Different (1.4 ATA and 2.5 ATA) Hyperbaric Hyperoxia Exposures	2023-08
31	Nicole YE Wong, Hanna van Waart, Jamie W Sleight, Simon J Mitchell, & 2 scientists	A systematic review of electroencephalography in acute cerebral hypoxia: clinical and diving implications	2023-09
32	Pei Wang, Xiao-Yan Wang, Chang-Feng Man, Dan-Dan Gong, and Yu Fan	Advances in hyperbaric oxygen to promote immunotherapy through modulation of the tumor microenvironment	2023-09

33	Kartini	Factors Affecting Oxygen Availability	2023-09
34	Kevin L. Webb, Michael J. Joyner, Chad C. Wiggins, Timothy W. Secomb, Tuhin K. Roy	The dependence of maximum oxygen uptake and utilization ($\dot{V}O_{2\max}$) on hemoglobin-oxygen affinity and altitude	2023-09
36	Figen Aydin	Hyperbaric oxygen treatment in children: experience in 329 patients	2023-09
2023 Part C			
1	Eric Chappel	Physical Properties of Helium and Application in Respiratory Care	2023-10
3	Mohamed S. Imam, Ahmed Khalid Almutairi, Abdullah Mutrik Alhajri, Mishary Mosleh Alharby, Mohammed H. Alanazi, Ahmad G. Alotaibi, Mohamed E. A. Abdelrahim	Effect of hyperbaric oxygen treatment on diabetic foot ulcers: A meta-analysis	2023-10
4	Hisnindarsyah, Ahyar Wahyudi	Effect of Hyperbaric Oxygen Therapy on Enhancing Fertility (Literature Review)	2023-10
5	Diana Paskaleva, Vasilka Gyurova-Kancheva, Slavka Kacarova, Bozhidar Pilichev , & 3 scientists	Hyperbaric oxygen therapy (HBOT) as the treatment of prolonged hypoxemia due to covid 19	2023-10
7	Simone Schiavo, Connor T. A. Brenna, Lisa Albertini, George Djaiani, & 2 scientists	Safety of hyperbaric oxygen therapy in patients with heart failure: A retrospective review	2023-10
11	Tatyana Kuropatkina, Dmitrii Atiakshin, Fedor Sychev, Marina Artemieva, Tatyana Samoilenko, Olga Gerasimova, Viktoriya Shishkina, Khaydar Gufranov, Natalia Medvedeva, Tyler W. LeBaron, and Oleg Medvedev	Hydrogen Inhalation Reduces Lung Inflammation and Blood Pressure in the Experimental Model of Pulmonary Hypertension in Rats	2023-11
12	Maria Pia Francescato, Valentina Cettolo	The algorithm used for the calculation of gas exchange affects the estimation of $\dot{V}O_2$ uptake kinetics at the onset of moderate-intensity exercise	2023-11
15	Alice Bliznyuk, and Yoram Grossman	Role of NMDA Receptor in High-Pressure Neurological Syndrome and Hyperbaric Oxygen Toxicity	2023-12
16	Pauliina A Ahti, Jan Wikgren	Rapture of the deep: gas narcosis may impair decision-making in scuba divers	2023-12
17	Hai-Rong Chen, Shi-Juan Lu, Qi Wang, Ming-Lan Li, Xun-Chun Chen, Bi-Yun Pan	Application of hyperbaric oxygen therapy in diabetic foot ulcers: A meta-analysis	2023-12
18	Harry B. Rossiter & David C. Poole	Measuring pulmonary oxygen uptake kinetics: Contemporary perspectives	2023-12
19	Chang Tang, Lanting Wang, Zihua Chen, Jin Yang, Haiqing Gao, Chenggong Guan, Qiaozhi Gu, Shan He, Fanping Yang, Shengan Chen, Li Ma, Zhen Zhang, Ying Zhao, Lin Tang, Yu Xu, Yue Hu, Xiaoqun Luo	Efficacy and Safety of Hydrogen Therapy in Patients with Early-Stage Interstitial Lung Disease: A Single-Center, Randomized, Parallel-Group Controlled Trial	2023-12
20	Feiko JM de Jong, Paul Brinkman, Thijs T Wingelaar, Pieter-Jan AM van Ooij, Robert A van Hulst	Pulmonary oxygen toxicity breath markers after heliox diving to 81 metres	2023-12
2024 - A			
1	Edward Tom Ashworth, Ryotaro Ogawa, David Robert Vera, Peter Lindholm	Effects of oxygen-prebreathing on tissue nitrogenation in normobaric and hyperbaric conditions	2024-01
4	Maaïke I. Moes, Antonis Elia, Mikael Gennser, and Michail E. Keramidas	Combined effects of mild hypothermia and nitrous-oxide-induced narcosis on manual and cognitive performance	2024-01
8	Harry B. Rossiter, David C. Poole	Further perspectives on measuring pulmonary oxygen uptake kinetics	2024-02
9	Dominik André-Lévigne, Rodrigue Pignel, Sylvain Boet, Vincent Jaquet, Daniel F. Kalbermatten, & Srinivas Madduri	Role of Oxygen and Its Radicals in Peripheral Nerve Regeneration: From Hypoxia to Physoxia to Hyperoxia	2024-02
15	Eralp Bulutlar, Ali Yılmaz, Gizem Berfin Uluutku Bulutlar, Yavuz Aslan, Hale Nur Bozdağ, Zafer Küçükodacı	Effect of hyperbaric oxygen treatment on ischaemia-reperfusion injury in rats detorsioned after experimental ovarian torsion.	2024-03

16	Hira Khan, Mohammad Sindeed Islam, Manvinder Kaur, Joseph K Burns, Cole Etherington, Pierre-Marc Dion, Sarah Alsayadi, Sylvain Boet	Efficacy of searching in biomedical databases beyond MEDLINE in identifying randomised controlled trials on hyperbaric oxygen treatment	2024-03
18	Kubra Ozgok Kangal, Bengusu Mirasoglu	Hyperbaric oxygen treatment for infants: retrospective analysis of 54 patients treated in two tertiary care centres	2024-03
19	Richard J Harris, Craig J Challen, Simon J Mitchell	The first deep rebreather dive using hydrogen: case report	2024-03
20	Paul G. Harch, and Stacey Rhodes	Acute and chronic central nervous system oxidative stress/toxicity during hyperbaric oxygen treatment of subacute and chronic neurological conditions	2024-03
21	John Benjamin Slade, Nathan Kwan, Peter Lennox and Russell Gray	Hyperbaric oxygen therapy for thalamic pain syndrome: case report	2024-03
22	Michele Salvagno, Elda Diletta Sterchele, Mario Zaccarelli, Simona Mrakic-Sposta, Ian James Welsby, Costantino Balestra, and Fabio Silvio Taccone	Oxidative Stress and Cerebral Vascular Tone: The Role of Reactive Oxygen and Nitrogen Species.	2024-03
26	Felix R. M. Beinlich, Antonios Asiminas, Verena Untiet, Zuzanna Bojarowska, & 7 scientists	Oxygen imaging of hypoxic pockets in the mouse cerebral cortex	2024-03
27	Alessandra Vezzoli, Simona Mrakic-Sposta, Andrea Brizzolari, Costantino Balestra, & 3 scientists	Oxy-Inflammation in Humans during Underwater Activities	2024-03
28	Anna Taboni, Nazzareno Fagoni, Timothée Fontollet, Giovanni Vinetti, Guido Ferretti	Baroreflex dynamics during the rest to exercise transient in acute normobaric hypoxia in humans	2024-03
35	Cammi K. Borden, Daniel G. McHail, and Kara J. Blacker	The time course of hypoxia effects using an aviation survival trainer	2024-04
40	Md-Billal Hossain, Kia Golzari, Youngsun Kong, Bruce J. Derrick, Richard E. Moon, Michael J. Natoli, M. Claire Ellis, Christopher Winstead-Derlega, Sara I. Gonzalez, Christopher M. Allen, Mathew S. Makowski, Brian M. Keuski, John J. Freiburger, Hugo F. Posada-Quintero, Ki H. Chon	Prediction of central nervous system oxygen toxicity symptoms using electrodermal activity and machine learning	2024-04
45	Nikolaus C. Netzer, Heidelinde Jaekel, Roland Popp, Johanna M. Gostner, & 9 scientists	Oxidative Stress Reaction to Hypobaric–Hyperoxic Civilian Flight Conditions	2024-04
46	Maya V. Voronina, Anastasia S. Frolova, Ekaterina P. Kolesova, Nikita A. Kuldyushev, Alessandro Parodi, and Andrey A. Zamyatin	The Intricate Balance between Life and Death: ROS, Cathepsins, and Their Interplay in Cell Death and Autophagy	2024-04
53	John RB Currie, Ian C Gawthrope, Neil D Banham	The use of hyperbaric oxygen for avascular necrosis of the femoral head and femoral condyle: a single centre's experience over 30 years	2024-06
54	William Emmerton, Neil D Banham, Ian C Gawthrope	Survey comparing the treatment of central retinal artery occlusion with hyperbaric oxygen in Australia and New Zealand with the recommended guidelines as outlined by the Undersea and Hyperbaric Medical Society	2024-06
59	Sven Dreyer, Johannes Schneppendahl, Martin Hoffmanns, Thomas Muth, and Jochen D. Schipke	Narcotic Nitrogen Effects Persist after a Simulated Deep Dive	2024-06
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3	Anders Kjellberg, Johan Douglas, Michael T. Pawlik, Adrian Hassler, Sarah Al-Ezerjawi, Emil Bostrom, Lina Abdel-Halim, Lovisa Liwenborg, Anna-Dora Jonasdottir-Njastad, Jan Kowalski, Sergiu-Bogdan Catrina, Kenny A. Rodriguez-Wallberg, Peter Lindholm	Five sessions of hyperbaric oxygen for critically ill patients with COVID-19-induced ARDS: A randomised, open label, phase II trial	2024-07
12	Kübra Canarslan Demir, Burak Turgut, Gözde B Sariyerli Dursun, Fatma S Konyalioglu, Taylan Zaman	The role of hyperbaric oxygen treatment in the management of Spondylodiscitiss	2024-09
13	Ivan Gur, Yehuda Arieli, Yinnon Matsliah	Methylphenidate and the risk of acute central nervous system oxygen toxicity: a rodent model and observational data in human divers	2024-09
34	Nozomu Kageyama, and Takehito Sawamura	Effect of hyperbaric exposure on cognitive performance: an investigation conducting numerical Stroop tasks during a simulated 440 m sea water saturation diving	2024-10
37	Rita I. Sharma, Natalia D. Mankowska, Anna B. Marcinkowska, Pawel J. Winkowski, Jacek Kot	Critical flicker fusion frequency results during oxygen decompression in standard HBOT session -observational study	2024-10

44	Michael Theron, Alexis Blasselle, Lisa Nedellec, Pascal Ballet, Emmanuel Dugrenot, Bernard Gardette, François Guerrero, Anne Henckes, and Jean-Pierre Pennec	N2 exchanges in hyperbaric environments: toward a model based on physiological gas transport (O2 and CO2)	2024-11
46	Cameron M. Suraci, Michael L. Morrison and Mark B. Roth	Oxygen is toxic in the cold in <i>C. elegans</i>	2024-12
2025			
1	Indunil Karunarathna, Sanjeeva Dias, R Ranwala, Sau Bandara, Sanjaya Godage, PN Rodrigo, Asoka Jayawardana, U Vidanagama, Cam Fernando, Upul Ekanayake, T Hapuarachchi, Prasanna Gunasena, P Aluthge, Nihal Perera, Senaka Gunathilake, Kapila De Alvis, Kapila Gunawardana, Samadi Rajapaksha, A Warnakulasooriya, P Athulgama	Cellular Mechanisms of Oxygen Transport Hemoglobin Dynamics in Respiratory medicine	2025-01
3	Nijaya Mohanto, Himansu Monda, Young-Joon Park, and Jun-Pil Jee	Therapeutic delivery of oxygen using artificial oxygen carriers demonstrates the possibility of treating a wide range of diseases	2025-01
5	Francisco DeAsis-Fernandez, Alvaro Reina-Varona, Evangelos Papotsidakis, Juan Lafuente, and Jose Fierro-Marrero	Effects of Hook Maneuver on Oxygen Saturation Recovery After -40 m Apnea Dive—A Randomized Crossover Trial	2025-01
8	E. Gouin, F. Guerrero, J-É. Blatteau	An Overview of Rebreather Trimix Diving Practices in France and Self-reported Accidentology.	2025-02
9	Andy Adler, Tarek el Harake, Martina Mosing, Andreas Fahlman	In-water Electrical Impedance Tomography: EIT and the Sea	2025-02
10	Linda M. Reynard I, Jennifer N. Leichter, Daniela E. Winkler, Marcus Clauss, and Thomas Tütken	Hydrogen and oxygen isotopes in vertebrate tissues vary by diet type	2025-02
16	Minghan Shi, & Birubi Biman	Heliox in the management of respiratory failure in a Morquio A syndrome patient with trachea narrowing.	2025-04

Thermal



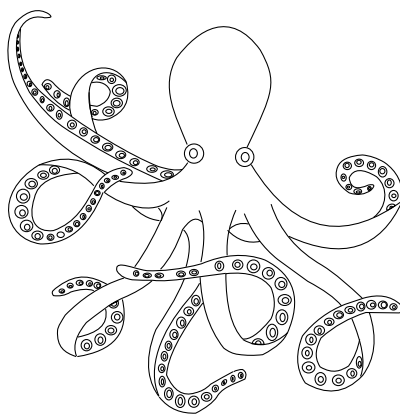
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36	Leslie A. Guildner	Thermal Conductivity of Gases. III. Some Values of the Thermal conductivities of Argon, Helium, and Nitrogen from 0°C to 75°C at Pressures of 1 X 10 ⁵ to 2.5 X 10 ⁷ Pascals	1974
1976 - 1979			
28	M.G. Hayward, W.R. Keatinge	Progressive symptomless hypothermia in water: possible cause of diving accidents	1979-05
1980 to 1985			
1	W.R Keatinge, M.G Hayward, N.K.I McIver	Hypothermia during saturation diving in the North Sea	1980-02
3	C.A. Plantadosi	Respiratory Heat Loss Limits in Helium-Oxygen Saturation Diving	1980-06
12	American academy of underwater sciences	Proceeding of special session on cold water diving	1981
15	A. O. Brubakk, S. Tonjum, B. Holand, R. E. Peterson, R.W. Hamilton, E. Morild, and J. Onarheim	Heat loss and tolerance time during cold exposure in heliox atmosphere at 16 ATA	1982-06
44	Weinberg, Akerman, Bradley	Proposed thermal limits for divers	1984
1986 - 1989			
22	Micheal Tipton, Frank Golden	The influence of regional insulation on the initial responses to cold immersion	1988-01
40	Michael J. Tipton, Michael J. Vincent	Protection provided against the initial responses to cold immersion by a partial coverage wet suit	1989-09
41	Weinberg, Hesslink, Doubt, Ahler	Effects of serial wet-dry-wet cold exposures: Thermal balance, physical activity, and cognitive	1989
1990 - 1995			
1	Thalmann (Edward D), Weinberg	Effects of hand and foot heating on diver thermal balance	1990
12	Mike Tipton	Laboratory-based Evaluation of the Protection Provided Against Cold Water by Two Helicopter Passenger Suits	1991-02
17	American academy of underwater sciences	Proceedings of AAUS polar diving workshop	1991
42	J.B. Mekjavic, T. Passias, C.J. Sundberg, & O. Eiken	Perception of Thermal comfort during narcosis	1994-03
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6	Michel B. Ducharme, Christopher J. Brooks	The effects of wave conditions on dry immersion suit isolation: A comparison between humans and manikin	1996
44	Muhammad M. Hammani, Abderrezak Bouchama, Essam Shail, Hassan Y. Aboul-Enein, Sultan Al-Sedaury	Lymphocyte subsets and adhesion molecules expression in heatstroke and heat stress	1998-05
2000 - 2002			
20	Igor B. Mekjavic, Frank St. C. Golden, C. M. Eglin and Michael J. Tipton	Thermal status of saturation divers during operational dives in the North Sea	2001-02
23	Arvid Hope, Leif Aanderud, & Asbjorn Aakvaag	Dehydration and body fluid-regulating hormones during sweating in warm (38°C) fresh- and seawater immersion	2001-05
43	Kevin g. Kergel	Heat shock proteins: modifying factors in physiological stress responses and acquired thermotolerance	2002

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16	Kun-Lun Huang, Chin-Pyng Wu, Yin-Li Chen, Bor-Hwang Kang & Yu-Chong Lin	Heat stress attenuates air bubble-induced acute lung injury: a novel mechanism of diving acclimatization	2003
18	M. B. Harris, M. A. Blackstone, Hong Ju, V. J. Venema, & R. C. Venema	Heat-induced increases in endothelial NO synthase expression and activity and endothelial NO release	2003
2004			
2	C.M. Maresh, C.L. Gabaree-Boulant, L. E. Armstrong, D.A. Judelson, J.R. Hoffman, J.W. Castellani, R.W. Kenefick, M.F. Bergeron, and D. J. Casa	Effect of hydration status on thirst, drinking, and related hormonal responses during low-intensity exercise in the heat	2004-02
29	Charles B. Toner, & Robert Ball	The effect of temperature on decompression and decompression sickness risk: A critical review	2004
2005			
34	John W. Castellani, Andrew J. Young, Michael N. Sawka	The Effects of Exhaustive Exercise on Thermoregulatory Fatigue During Cold Exposure	2005-12
2006			
1	Zhongjie Sun	Genetic AVP deficiency abolishes cold-induced diuresis but does not attenuate cold-induced hypertension	2006-01
14	Igor B. Mekjavic & Ola Eiken	Contribution of thermal and nonthermal factors to the regulation of body temperature in humans	2006-06
2007			
6	Bardy, Mollendorf, Pendergast	Active heating /cooling requirements for divers	2007
13	Andrew J. Young & John W. Castellani	Exertional fatigue and cold exposure: mechanisms of hiker's hypothermia	2007-06
2008			
35	Tiina M. Makinen, Raija Juvonen, Jari Jokelainen, & Terttu H. Harju Ari	Cold temperature and low humidity are associated with increased occurrence of respiratory tract infections	2008
41	D.R. Pendergast, & C.E.G. Lundgren	The underwater environment: cardiopulmonary, thermal, and energetic demands	2008-11
2010			
9	Naoshi Kakitsuba	Thermal Problems in Hyperbaric Environments	2010-06
10	John W. Castellani, Michael N. Sawka, David W. DeGroot, Andrew J. Young	Cold thermoregulatory responses following exertional fatigue	2010-06
25	Klaus Richter, Martin Haslbeck, and Johannes Buchner	The Heat Shock Response: Life on the Verge of Death	2010-10
2013			
19	Sigrid Theunissen, Julie Schumacker, Francois Guerrero, Frauke Tillmans, + 6 scientists	Dark chocolate reduces endothelial dysfunction after successive breath-hold dives in cool water	2013
2014			
7	Anthony R. Bain, Shawnda A. Morrison, and Philip N. Ainslie	Cerebral oxygenation and hyperthermia	2014-03
30	Hajar Elmarzouki, Youssef Aboussaleh, Soner Bitiktas, Cem Suer, A. Seda Artis, Nazan Dolu, and Ahmed Ahami	Effects of cold exposure on behavioral and electrophysiological parameters related with hippocampal function in rats	2014-09
2015			
32	Joo-Young Lee, Hyo-Hyon Lee, Siyeon Kim, Young-Joon Jang	Diving bradycardia of elderly Korean women divers in cold seawater: a field report	2015-07

49	John W. Castellani, & Michael J. Tipton	Cold Stress Effects on Exposure Tolerance and Exercise Performance	2015-10
2016			
3	John W. Castellani, Andrew J. Young	Human physiological responses to cold exposure: Acute responses and acclimatization to prolonged exposure	2016-02
2018			
17	Martin J. Barwood, Jo Corbett, Heather Massey, Terry McMorris, & 2 scientists	Acute Anxiety Predicts Components of the Cold Shock Response on Cold Water Immersion: Toward an Integrated Psychophysiological Model of Acute Cold Water Survival	2018
22	Blair D. Johnson, Morgan C. O'Leary, Muhamed McBryde, James R. Sackett, & 2 other scientists	Face cooling exposes cardiac parasympathetic and sympathetic dysfunction in recently concussed college athletes	2018
2019			
6	David P. Looney, Edwin T. Long, Adam W. Potter, Xiaojiang Xu, Karl E. Friedl, Reed W. Hoyt, Christopher R. Chalmers, Mark J. Buller, and John P. Florian	Divers risk accelerated fatigue and core temperature rise during fully-immersed exercise in warmer water temperature extremes	2019-03
8	David P. Looney, Edwin T. Long, Adam W. Potter, Xiaojiang Xu, Karl E. Friedl, Reed W. Hoyt, Christopher R. Chalmers, Mark J. Buller & John P. Florian	Divers risk accelerated fatigue and core temperature rise during fully-immersed exercise in warmer water temperature extremes	2019-03
2020 - Part A			
2	Richard V. Lundell, Anne K. Räisänen-Sokolowski, Tomi K. Wuorimaa, Tommi Ojanen, & Tommi Ojanen	Diving in the Arctic: Cold Water Immersion's Effects on Heart Rate Variability in Navy Divers	2020
2020 - Part B			
12	Arina B. Favilla and Daniel P. Costa	Thermoregulatory Strategies of Diving Air-Breathing Marine Vertebrates: A Review	2020-09
2021 - part A			
27	Julien D. Periard, Thijs M. H. Eijssvogels, and Hein A. M. Daanen	Exercise Under Heat Stress: Thermoregulation, Hydration, Performance Implications, and Mitigation Strategies	2021-04
2021 - part B			
24	Carmen de Labra, Jose L. Pardo-Vazquez, Javier Cudeiro, and Casto Rivadulla	Hyperthermia-Induced Changes in EEG of Anesthetized Mice Subjected to Passive Heat Exposure	2021-09
25	Hajar El Marzouki, Youssef Aboussaleh, Mohamed Najimi, Fatiha Chigr, and Ahmed Ahami	Effect of Cold Stress on Neurobehavioral and Physiological Parameters in Rats	2021-09
34	Svein E. Gaustad, Timofei V. Kondratiev, Ingrid Eftedal, & Torkjel Tveita	Effects of Cold Decompression on Hemodynamic Function and Decompression Sickness Risk in a Dry Diving Rat Model	2021
2022 - part B			
7	Karen R. Kelly, Laura J. Arrington, Jake R. Bernards, & Andrew E. Jensen	Prolonged Extreme Cold Water Diving and the Acute Stress Response During Military Dive Training	2021
16	JS Kelly, & JP Delaney	A short, sharp (cold) shock: Healthy or harmful?	2022
2023 - Part A			
19	Wendy Sullivan-Kwantes & Peter Tikuisis	Extremity cooling during an arctic diving training exercise	2023-03
29	Richard Viking Lundell & Tommi Ojanen	A systematic review of HRV during diving in very cold water	2023-04
2023 Part B			
3	Basheer Abdullah Marzoog	Cell Physiological Behavior in the Context of Local Hypothermia	2023-07
2023 Part C			
6	Anders Lund Selli, Mohammadreza Ghasemi, Taylor Watters, Francis Burton, & 2 scientists	Proarrhythmic changes in human cardiomyocytes during hypothermia by milrinone and isoprenaline, but not levosimendan: an experimental in vitro study	2023-10

24	Martin J. Barwood, Clare Eglin, Samuel P. Hills, Nicola Johnston, Heather Massey, Terry McMorris, Michael J. Tipton, Hitoshi Wakabayashi, Lisa Webster	Habituation of the cold shock response: A systematic review and meta-analysis	2023-12
2024 - A			
4	Maaïke I. Moes, Antonis Elia, Mikael Gennser, and Michail E. Keramidas	Combined effects of mild hypothermia and nitrous-oxide-induced narcosis on manual and cognitive performance	2024-01
2024- B			
2	Jawad Mirza, Firdos Kanwal, Umair Ahmad Salaria, Salman Ghafoor, Imran Aziz, Ahmad Atieh, Ahmad Almogren, Anwar Ul Haq, and Benish Kanwal	Underwater temperature and pressure monitoring for deep-sea SCUBA divers	2024-07
17	Sonja Verena Schmidt, Jannik Hinzmann, Anna Stammer, Paula Wilhelms zu Bickern, Elisabete Macedo Santos, Marcus Lehnhardt, and Christoph Wallner	Surviving a classic heat stroke/hyperthermia > 42 °C – a case report	2024-09
21	Muina Abolore Idris, Christine Markham, Kristina D. Mena, and William B. Perkison	Examining Management and Employees' Perceptions of Occupational Heat Exposure and the Effectiveness of a Heat Stress Prevention Intervention on Safety and Well-Being among Natural Gas Construction Workers: A Qualitative Field-Based Study	2024-09
22	Luigi Fattorini, Angelo Rodio, Tommaso Di Libero, Cristian Ieno, Giovanna Tranfo, Daniela Pigni, Alessandro Pinto, and Enrico Marchetti	Hyperbaric effects on heart rate in professional SCUBA divers in thermal water	2024-09
24	Neal W. Pollock	Thermal Management and Diving Safety	2024-09
29	Youngsun Kong, Md Billal Hossain, Riley McNaboe, Hugo F. Posada-Quintero, Matthew Daley, Krystina Diaz, Ki H. Chon I and Jeffrey Bolkhovsky	Sex differences in autonomic functions and cognitive performance during cold-air exposure and cold-water partial immersion	2024-10
2025			
7	Hitoshi Wakabayashi, Hiroyuki Sakaue & Takayuki Nishimura	Recent updates on cold adaptation in population and laboratory studies, including cross-adaptation with nonthermal factors	2025-02
15	Jia-Hao Li, Jia-Li Liu, Jian-Wen Song, Wei-Liang Deng, Xin-Zhi Cao, Zhong-Wen Wu, Ding-Hao Chen, Hui Wang, Song Yu, and Qi Wang	Metabolomic analysis of fatal hypothermia using ultra-high-performance liquid chromatography–mass spectrometry	2025-04

Various



<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
Early times to 1959			
1	Robert Boyle	New experiments physico-mechanicall touching The spring of the air and its effects. (made for the most part , in a new pneumatical engine)	1660
2	Robert Boyle	The Septical Chymist	1661
3	Robert Boyle	Experiments and considerations touching colours	1664
4	Boyle (Robert)	The Origin of forms and Qualities (according to the corpuscular philosophy) illustrated by considerations and experiments - 1. The Theoretical Part	1666
6	Isaac newton	Philosophical transactions	1670
37	Abraham Ward	Sequential Analysis	1948
38	Word Medical Association	Word Medical Association: International code of medical ethics - Declaration of Geneva.	1949-10
44	Wills MacLachlan	Electrical shock	1959-02
1960 - 1975			
2	W.R. Lee	A clinical study of electrical accidents	1961-05
20		Panel On Science and Technology eleventh meeting - The management of information & knowledge -	1970-01
32	Bennett, Hunter (P. B.)	The causes mechanisms and prevention of the high pressure syndrome	1974
1976 - 1979			
23	T. Balazs & V. J. Ferrans	Cardiac Lesions Induced by Chemicals	1978-10
25	Cioms	CIOMS: Medical experimentation and the protection of human right	1978-12
1980 to 1985			
8	A.J. Susanna, J.A.S. Ross & H.J. Manson	Althesin, Ketamine, and Methohexitone at Pressure: Duration of Action of a Single I.V. Dose	1981-05
40	P. Naquet, C. Lemaitre, J. C. Rostain	High pressure nervous syndrome: psychometric and clinico-electrophysiological correlations	1984
1986 - 1989			
1	U.S. Congress	Alternatives to Animal Use in Research, Testing, and Education	1986
31	Z. Torok	Diving: occupation or physiological experiment?	1989
37	Yu-Chong Lin	Applied Physiology of Diving	1988
1990 - 1995			
3	Norihiro Miyamoto, Nobuo Matsui, Itaru Inque, Hisao Seo, Kazuhiko Nakabayashi, and Hironori Oiwa	Hyperbaric Diuresis is Associated with Decreased Antidiuretic Hormone and Increased Atrial Natriuretic Polypeptide in Humans	1990-08

8	K Todnem, H Nyland, B K Kambestad, J A Aarli	Influence of occupational diving upon the nervous system: an epidemiological study	1990-10
26	H.Y. Tao, H.J. Chen, H. Zhang, J. Guo, and F.K. Rong	Urinary ANE ADH, and electrolyte excretion during saturation-exursion diving to pressures equivalent to 250 and 300 m	1992-05
48	M J Tipton	Immersion fatalities: Hazardous responses and dangerous discrepancies	1995-02
49	J.H Abraini, M. Ansscau. E. Martinez, H. Burner, J. Wauthy, and C. Lemaire	Development of anxiety symptoms during a deep diving experiment	1995-02
57	UMHS	Are asthmatics fit to dive? (<i>The Undersea and Hyperbaric Medical Society Workshop</i>)	1995
1996 - 1998			
6	Michel B. Ducharme, Christopher J. Brooks	The effects of wave conditions on dry immersion suit isolation: A comparison between humans and manikin	1996
21	Council of Europe	Convention for the Protection of Human Rights and Dignity of the Human Being with regard to the Application of Biology and Medicine: Convention on Human Rights and Biomedicine (Convention of Oviedo)	1997-04
23	K. C. Rostain, M. C. Gardette-Chauffour, R. Naquet	EEG and sleep disturbances during dives at 450 msw in helium-nitrogen-oxygen mixture	1997
30	Charles Y. Cheung, David J. Green, Gerald J. Litt, and James A. Laugharn, Jr	High-pressure-mediated dissociation of immune complexes demonstrated in model systems	1997-09
31	Catrine Ahlén, Ole Jan Iversen, Jan Risberg, Gunnar Volden, Harald Aarset	Diver's hand: a skin disorder common in occupational saturation diving	1997-10
32	Athena Voultsios, David J. Kennaway, and Drew Dawsont	Salivary Melatonin as a Circadian Phase Marker: Validation and Comparison to Plasma Melatonin	1997-10
33	N.A.M. Schellart, M. Pollen, & A. Van Der Kley	Effect of dysoxia and moderate air-hyperbarism on red-green color sensitivity	1997
34	K.F. Koltyn , W.P. Morgan	Influence of wet suit wear on anxiety responses to underwater exercise	1997
35	A. Nohara, T. Yusa	Reversibility in blood-brain barrier, microcirculation, and histology in rat brain after decompression	1997
1999			
1	G. H. Wiest, G. Lehnert, W. M. Bruck, M. Meyer & 2 scientists	A heated humidifier reduces upper airway dryness during continuous positive airway pressure therapy	1999
3	Robert L. Spitzer, Michael Terman, Janet B.W. Williams, Juan Su Terman, Ulrik F. Malt, Forbes Singer, and Alfred J. Lewy	Jet Lag: Clinical Features, Validation of a New Syndrome-Specific Scale, and Lack of Response to Melatonin in a Randomized, Double-Blind Trial	1999-03
7	Yoojin Seo, Kazuya Matsumoto, Youngman Park, Motohiko Mohri, & Shigeaki Matsumoka	Sleep patterns during 20-m nitrox saturation dives	1999
22	R.J. Aitken, D. Buckingham, D. Richardson, J.C. Gardiner, and D.S. Irvine	Impact of a deep saturation dive on semen quality	1999-12
23	Kerry Strong Russel, M. Page Haynes, Teresa Caulin-Glaser, James Rosneck, William C. Sessa, & Jeffrey R. Bender	Estrogen Stimulates Heat Shock Protein 90 Binding to Endothelial Nitric Oxide Synthase in Human Vascular Endothelial Cells	1999-12
2000 - 2002			
1	Kwangwook Cho, A. Ennaceur, Jon C. Cole, & Chang Kook Suh	Chronic Jet Lag Produces Cognitive Deficits	2000-01
25	Hidetoshi Nagashima, Kazuya Matsumoto, Yoojin Seo, Motohiko Mohri, Nobuo Naraki, and Shigeaki Matsuoka	Sleep patterns during 30-m nitrox saturation dives and in a confined atmospheric environment	2001-06
36	John D. Kalbfleisch, & Ross L. Prentice)	The Statistical Analysis of Failure Time Data	2002

44	A Onoo, M Kiyosawa, H Takase, & Y Mano	Development of myopia as a hazard for workers in pneumatic caissons	2002
47	Keith T. Palmer, Jason Poole, Jon G. Ayres, Jonathan Mann, P. Sherwood Burge, and David Coggon	Exposure to Metal Fume and Infectious Pneumonia	2002-08
49	M El-Zein, J-L Malo, C Infante-Rivard, D Gautrin	Prevalence and association of welding related systemic and respiratory symptoms in welders	2002-09
50	A. B. Reddy, M. D. Field, E. S. Maywood, and M. H. Hastings	Differential Resynchronisation of Circadian Clock Gene Expression within the Suprachiasmatic Nuclei of Mice Subjected to Experimental Jet Lag	2002-09
2004			
7	Jane D. McNeilly, Mathew R. Heal, Iain J. Beverland, Alan Howe, Mark D. Gibson, Leon R. Hibbs, William MacNee, & Ken Donaldson	Soluble transition metals cause the pro-inflammatory effects of welding fumes in vitro	2004-04
11	Tamiyasu Shimamiya, Nobuyuki Terada, Yoshimitsu Hiejima, Sonoe Wakabayashi, Hirotake Kasai, and Motohiko Mohri	Effects of 10-day confinement on the immune system and psychological aspects in humans	2004-05
15	UK - HSE	Co-ordinated investigation into the possible long term health effects of diving at work Examination of the long term health impact of diving: The ELTHI diving study - Research report 230	2004-06
16	Ursula G. Kyle, Ingvar Bosaeus, Antonio D. De Lorenzo, Paul Deurenberg, Marinos Elia, Jose Manuel Gomez, Berit Lilienthal Heitmann, Luisa Kent-Smith, Jean-Claude Melchior, Matthias Pirlich, Hermann Scharfetter, , Annemie M.W.J. Schols, Claude Pichard	Bioelectrical impedance analysis - part I: review of principles and methods	2004-06
17	Marco Ferrari, Leonardo Mottola, and Valentina Quaresima	Principles, Techniques, and Limitations of Near Infrared Spectroscopy	2004-06
19	SM Smith, JE Davis-Street, JV Feserman, MD Smith, BL Rice, SR Zwart	Nutritional Assessment During a 14-d Saturation Dive: The NASA Extreme Environment Mission Operation V Project	2004-07
26	Ursula G. Kyle, Ingvar Bosaeus, Antonio D. De Lorenzo, Paul Deurenberg, Marinos Elia, Jose Manuel Gomez, Berit Lilienthal Heitmann, Luisa Kent-Smith, Jean-Claude Melchior, Matthias Pirlich, Hermann Scharfetter, , Annemie M.W.J. Schols, Claude Pichard	Bioelectrical impedance analysis - part II: utilization in clinical practice	2004-09
2005			
6	Earl S. Ford, Harold W. Kohl, Ali H. Mokdad, & Umed A. Ajani	Sedentary Behavior, Physical Activity, and the Metabolic Syndrome among U.S. Adults	2005-03
10	World Health organization	World Health organization - Handbook for good clinical research (GCP)	2005-05
21	Paul J Fenner	Venomous Jellyfish of the world	2005-09
24	Martin Sayer	The international safety record for scientific diving	2005-09
26	James M. Antonini, Annette B. Santamaria, Neil T. Jenkins, Elisa Albin, Roberto Lucchini	Fate of manganese associated with the inhalation of welding fumes: Potential neurological effects	2005-10
2006			
5	Smithsonian Institution, Washington DC	Proceeding of advanced scientific diving workshop	2006
6	Jean-Claude Rostain & Norbert Balon	La plongée: pression barométrique et mécanismes neurochimiques	2006-03
2007			
1	Alison C. Ma, & Neal W. Pollock	Physical Fitness of Scientific Divers: Standards and Shortcomings.	2007
7	United States Congress	Nazi War Crimes and Japanese Imperial Government Records Interagency Working Group - Final Report to the United States Congress	2007-04

44	A Onoo, M Kiyosawa, H Takase, & Y Mano	Development of myopia as a hazard for workers in pneumatic caissons	2002
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15	UK - HSE	Co-ordinated investigation into the possible long term health effects of diving at work Examination of the long term health impact of diving: The ELTHI diving study - Research report 230	2004-06
16	Ursula G. Kyle, Ingvar Bosaeus, Antonio D. De Lorenzo, Paul Deurenberg, Marinos Elia, Jose Manuel Gomez, Berit Lilienthal Heitmann, Luisa Kent-Smith, Jean-Claude Melchior, Matthias Pirlich, Hermann Scharfetter, , Annemie M.W.J. Schols, Claude Pichard	Bioelectrical impedance analysis - part I: review of principles and methods	2004-06
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26	Ursula G. Kyle, Ingvar Bosaeus, Antonio D. De Lorenzo, Paul Deurenberg, Marinos Elia, Jose Manuel Gomez, Berit Lilienthal Heitmann, Luisa Kent-Smith, Jean-Claude Melchior, Matthias Pirlich, Hermann Scharfetter, , Annemie M.W.J. Schols, Claude Pichard	Bioelectrical impedance analysis - part II: utilization in clinical practice	2004-09
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6	Earl S. Ford, Harold W. Kohl, Ali H. Mokdad, & Umed A. Ajani	Sedentary Behavior, Physical Activity, and the Metabolic Syndrome among U.S. Adults	2005-03
10	World Health organization	World Health organization - Handbook for good clinical research (GCP)	2005-05
21	Paul J Fenner	Venomous Jellyfish of the world	2005-09
24	Martin Sayer	The international safety record for scientific diving	2005-09
26	James M. Antonini, Annette B. Santamaria, Neil T. Jenkins, Elisa Albin, Roberto Lucchini	Fate of manganese associated with the inhalation of welding fumes: Potential neurological effects	2005-10
2006			
5	Smithsonian Institution, Washington DC	Proceeding of advanced scientific diving workshop	2006
6	Jean-Claude Rostain & Norbert Balon	La plongée: pression barométrique et mécanismes neurochimiques	2006-03
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1	Alison C. Ma, & Neal W. Pollock	Physical Fitness of Scientific Divers: Standards and Shortcomings.	2007
7	United States Congress	Nazi War Crimes and Japanese Imperial Government Records Interagency Working Group - Final Report to the United States Congress	2007-04

20	Marc Daleck, Otmar Bock, & Benjamin Schulze	Cognitive impairment during 5 m water immersion	2012
24	Peter L. Buzzacott	The Epidemiology of Injury in Scuba Diving	2012-07
26	Manav V Vyas, Amit X Garg, Arthur V Iansavichus, John Costella, Allan Donner, Lars E Laugsand, Imre Janszky, Marko Mrkobrada, Grace Parraga, Daniel G Hackam	Shift work and vascular events: systematic review and meta-analysis	2012-07
33	Paul Schaffer, & Reginald F. Baugh	Acute Otitis Externa: An Update	2012
44	Michael H Bennett	The Undersea and Hyperbaric Medical Society. A report on the annual scientific meeting 2012, Phoenix, AZ, USA June 21 – 23	2012-12
2013			
8	David J. Doolette, Wayne A. Gerth	Safe inner ear gas tensions for switch from helium to air breathing during decompression	2013
27	Ingrid Eftedal, Marko Ljubkovic, Arnar Flatberg, Arve Jørgensen, Alf O. Brubakk, and Zeljko Dujic	Acute and potentially persistent effects of scuba diving on the blood transcriptome of experienced divers	2013-08
31	Janice M. Yoshizawa, Christopher A. Schafer, Jason J. Schafer, James J. Farrell, Bruce J. Paster, David T. W. Wong	Salivary Biomarkers: Toward Future Clinical and Diagnostic Utilities.	2013-10
38	Young Il Lee, and Byeong Jin Ye	Underwater and Hyperbaric Medicine as a Branch of Occupational and Environmental Medicine	2013-12
2014			
3	Ryu Matsuo, Masahiro Kamouchi, Shuji Arakawa, Yoshihiko Furuta, Yuka Kanazawa, Takanari Kitazono	Magnetic Resonance Imaging in Breath-Hold Divers with Cerebral Decompression Sickness	2014-01
2015			
5	J.-E. Blatteau, C. Peny, F. Lecercq, C. Robinet, E. Gempp, P. Louge, S. de Maistre, J.-M. Pontier, P. Constantin, M. Hugon	Techniques actuelles de sauvetage des sous-marins. Contexte de mise en oeuvre du Nato Submarine Rescue System.	2015-02
7	Anahita Fathi-Azarbayjani, Abolghasem Jouyban	Surface tension in human pathophysiology and its application as a medical diagnostic tool	2015-02
13	Lars Eichhorn, Dieter Leyk	Diving Medicine in Clinical Practice	2015
15	Ximena P. Vergara, Heidi J. Fischer, Michael Yost, Michael Silva, David A. Lombardi, and Leeka Kheifets	Job Exposure Matrix for Electric Shock Risks with Their Uncertainties	2015-04
45	T L Grisbrook, P Kenworthy, M Phillips, P M Gittings, F M Wood, and D W Edgar	Alternate electrode placement for whole body and segmental bioimpedance spectroscopy	2015-09
48	Nico AM Schellart, & Jean-Claude Le Péchon	Correction for adiabatic effects in the calculated instantaneous gas consumption of scuba dives	2015
50	Trientje B Santema, Robert M Stoekenbroek, Koen C van Steekelenburg, Rob A van Hulst, Mark JW Koelemay, and Dirk T Ubbink	Economic outcomes in clinical studies assessing hyperbaric oxygen in the treatment of acute and chronic wounds	2015
53	Simin Berenji Ardestani, Peter Buzzacott, & Ingrid Eftedal	The aging diver: endothelial biochemistry and its potential implications for cardiovascular health.	2015
56	Kasper Hansen, Esben SS Hansen, Lars P Tolbod, Martin C Kristensen, & 3 scientists	A CT-, PET- and MR-imaging-compatible hyperbaric pressure chamber for baromedical research	2015
57	Andrew Ng, & Carl Edmonds	Immersion pulmonary oedema and Takotsubo cardiomyopathy	2015
2016			
10	Ben Aviner, Gideon Gradwohl, Alice Bliznyuk, Yoram Grossman	Selective pressure modulation of synaptic voltage-dependent calcium channels — involvement in HPNS mechanism	2016

11	Tiffany A. Glazer, and Steven A. Telian	Otologic Hazards Related to Scuba Diving	2016-04
15	Mark D. Wilkinson, et Alia	The Fair Guiding Principles for scientific data management and stewardship.	2016
20	Jacques H. Abraini, Hélène N. David, Nicolas Vallée, & Jean-Jacques Risso	Theoretical considerations on the ultimate depth that could be reached by saturation human divers	2016
32	Thomas I. Talpalar, Adolfo E. Talpalar	High Pressure and [Ca ²⁺] Produce an Inverse Modulation of Synaptic Input Strength and Network Excitability in the Rat Dentate Gyrus	2016
36	Julie Vinkel, Peter Bak, Ole Hyldegaard	Danish diving-related fatalities 1999–2012	2016
38	Akeesh Mungur, Guy Cochard, Yves Ozier, & Pierre Lafère	The effect of general anaesthesia and neuromuscular blockade on Eustachian tube compliance: a prospective study.	2016
40	Gabriele Margiotta, Matteo Benvenuti, Enrico Bellini, Emiliano Iacovissi, Silvia Bencini, Mario Gabbrielli	Fatal scuba diving accident. A case report	2016-10
42	Xiao C. Zhang, Antoinette Golden, & David S. Bullard	Neurologic Deep Dive: A Simulation Case of Diagnosing and Treating Decompression Sickness for Emergency Medicine Residents	2016
43	Rebecca Johnson	A day in the life of a diabetic diver: the Undersea and Hyperbaric Medical Society/Divers Alert Network protocol for diving with diabetes in action	2016
44	Rebecca Johnson	Insulin-dependent diabetes mellitus and recreational scuba diving in Australia	2016
53	John Lippmann, David McD Taylor, Christopher Stevenson and Simon Mitchell	The demographics and diving behaviour of DAN Asia-Pacific members with and without pre-existing medical conditions	2016-12
2017			
1	Geoff A.M. Loveman	Physical and physiological aspects of submarine tower escape	2011-01
5	Yun Jung Oh, Ji Yong Jung, Sung Soo Kim, Kyong-Suk Chae, Jiwon Rhu, & Chungsik Lee	The association of kidney function with repetitive breath-hold diving activities of female divers from Korea, Haenyeo	2017-02
32	Emmanuel Gemppe, Marianne Lyard, Pierre Louge	Reliability of Right-to-Left Shunt screening in the prevention of Scuba diving related-decompression sickness.	2017-08
33	Ed O'Brien, Giorgio Caramanna	Human Factor in Scientific Diving: an Experimental Approach	2017-08
53	Frédéric Beneton, Guillaume Michoud, Mathieu Coulangue, Nicolas Laine, Céline Ramdani, Marc Borgnetta, Patricia Breton, Régis Guieu, J. C. Rostain, and Marion Troussellard	Recreational Diving Practice for Stress Management: An Exploratory Trial	2017-12
2018			
19	Joel D. Turtle, Misty M. Strain, Joshua A. Reynolds, Yung-Jen Huang, Kuan H. Lee, Melissa K. Henwood, Sandra M. Garraway, and James W. Grau	Pain Input After Spinal Cord Injury (SCI) Undermines Long-Term Recovery and Engages Signal Pathways That Promote Cell Death	2018-06
20	Karl Shreeves, Peter Buzzacott, Al Hornsby, Mark Caney	Violations of safe diving practices among 122 diver fatalities	2018-06
24	R. Buzzacott, D. Schiller, J. Crain, & P. Denoble	Epidemiology of morbidity and mortality in US and Canadian recreational scuba diving	2018
32	Sarah Chabal, Rebecca Welles, Lt.Cmdr. F. Jay Haran, Rachel Markwald	Effects of sleep and fatigue on teams in a submarine environment	2018-08
42	Shilpi Pandey, Ninad Mehendale, and Debjani Paul	Single-Cell Separation	2018-09
54	Alice Bliznyuk, Hava Golan, & Yoram Grossman	Marine Mammals' NMDA Receptor Structure: Possible Adaptation to High Pressure Environment	2018

2019			
1	Justin M. Hintze, Lina Geyer, Conall W. Fitzgerald, Cristina Simoes Franklin, Fergal Glynn, Laura Viani, Peter Walshe	The Impact of Repetitive Hyperbaric Exposure during SCUBA Diving on Cochlear Implants	2019-01
10	Jean-Pierre Imbert, Costantino Balestra, Fatima Zohra Kiboub, Oyvind Loennechen, & Ingrid Eftedal	Commercial Divers' Subjective Evaluation of Saturation	2019
11	Monika Patel, Arun Dehadaray	Povidone-iodine and glycerine for treatment of acute otitis externa	2019
13	Leonidas Palaodimos, Damianos G. Kokkinidis	Questions on Percutaneous Patent Foramen Ovale Closure for Secondary Stroke Prevention: The Heads of the Lernaean Hydra.	2019-05
14	Danica C. Slavish, & Yvette Z. Szabo	The effect of acute stress on salivary markers of inflammation: a systematic review protocol	2019-05
26	Erik Hoencamp, Thijs TCF van Dongen, Pieter-Jan AM van Ooij, Thijs T Wingelaar, & 4 scientists	Systematic review on the effects of medication under hyperbaric conditions: consequences for the diver	2019
31	Alice Bliznyuk, Yoram Grossman, Yevgeny Moskovitz	The effect of high pressure on the NMDA receptor: molecular dynamics simulations	2019
42	Alice Bliznyuk, Hava Golan, & Yoram Grossman	High Pressure Stress Response: Involvement of NMDA Receptor Subtypes and Molecular Markers	2019
43	Simin Berenji Ardestani, Costantino Balestra, Elena V. Bouzinova, yvind Loennechen, & Michael Pedersen	Evaluation of Divers' Neuropsychometric Effectiveness and High-Pressure Neurological Syndrome via Computerized Test Battery Package and Questionnaires in Operational Setting	2019
59	Marguerite St Leger Dowse, Ben Whalley, Matthew K Waterman, Robert M Conway, Gary R Smerdon	Diving and mental health: the potential benefits and risks from a survey of recreational scuba divers	2019-12
2020 - Part A			
5	Qiang Yao, Feng Xu, and Jiabao Lin	A Qualitative Study on Pre-performance Routines of Diving: Evidence From Elite Chinese Diving Athletes	2020-02
8	European Committee for Hyperbaric Medicine (ECHM):	EUBS & ECHM position statement on the advisability of recreational and professional diving and performing diving medical examinations during the Coronavirus disease (COVID-19) outbreak	2020-03
19	Mary Mallappallil, Jacob Sabu, Angelika Gruessner, & Moro Salifu	A review of big data and medical research	2020
2020 - Part B			
18	Arnau Carreño, Mireia Gascon, Cristina Vert, and Josep Lloret	The Beneficial Effects of Short-Term Exposure to Scuba Diving on Human Mental Health	2020-10
30	Peter Wilmshurst, Margaret Clamp	Impaired consciousness when scuba diving associated with vasovagal syncope	2020-12
2021 - part A			
2	Inbar Kirshenboim, Ben Aviner, Eyal Itskovits, Alon Zaslave, and Limor Broday	Dopamine-dependent biphasic behaviour under ' deep diving ' conditions in <i>Caenorhabditis elegans</i> .	2021-01
4	Gianpiero Italiano, Laura Fusini, Valentina Mantegazza, Gloria Tamborini, & 6 Scientists	Novelties in 3D Transthoracic Echocardiography	2021
5	Alexander Patrician, Christopher Gasho, Boris Spajic, Hannah G. Caldwell, Darija Bakovic -Kramaric, Otto Barak, Ivan Drvis , Zeljko Dujic, and Philip N. Ainslie	Case Studies in Physiology: Breath-hold diving beyond 100 meters - cardiopulmonary responses in world-champion divers	2021-02
8	Kirsi O. Lorentz, Bianca Casa	External auditory exostoses, repetitive aquatic activity and increasing social complexity in Chalcolithic Cyprus: Specialists of the sea?	2021-02
9	Cassandra L. Williams, and Paul J. Ponganis	Diving physiology of marine mammals and birds: the development of biologging techniques	2021-02
11	Jarosław Krzyżak, & Krzysztof Korzeniewski	Medical assessment of fitness to dive. Parts 1 & 2	2021

19	Gabriel-Petric Bala, Ruxandra-Mioara Răjnovanu, Emanuela Tudorache, Radu Motisan, & Cristian Oancea	Air pollution exposure - the invisible risk factor for respiratory diseases	2021
22	Tobias Justesen, Josefine Freyberg & Anders N. Ø. Schult	Database selection and data gathering methods in systematic reviews of qualitative research regarding diabetes mellitus - an explorative study	2021-04
44	John Lippmann	Fatalities involving divers using surface-supplied breathing apparatus in Australia, 1965 to 2019	2021-06
45	Kiyotaka Kohshi, Hideki Tamaki, Frédéric Lemaître, Yoshitaka Morimatsu, Petar J Denoble, Tatsuya Ishitake	Diving-related disorders in commercial breath-hold divers (Ama) of Japan	2021-06
46	Yang Saeng Park, John R. Claybaugh, Keizo Shiraki, and Motohiko Mohri	Renal Function in Hyperbaric Environment	2021-06
2021 - part B			
2	C.J. Edge, and P.T. Wilmshurst	The pathophysiologies of diving diseases	2021-07
9	Hanneke Pierre Franciscus Xaverius Moonen, and Arthur Raymond Hubert Van Zanten	Bioelectric impedance analysis for body composition measurement and other potential clinical applications in critical illness.	2021-08
21	Karin Biering, Anette Kærgaard, Ole Carstensen, & Kent Jacob Nielsen	Incidence and immediate consequences of electrical shocks among Danish electricians: a cohort study	2021
26	Fichtner A, Chekhanova A, Wuensche A, Starkloff HJ, Fieback T, Koch T.	Fluid Loss under Pressure – Inter- and Intraindividual Variability and Relation to Diving Parameters in SCUBA Divers	2021-09
38	Micaela Tobler, Christos T. Nakas, Matthias P. Hilty, Andreas Huber, & 2 scientists	Plasmatic hemostasis at very high altitude - a thromboelastometric approach	2021
46	Esen Yonca Bassoy, Michael Walch, and Denis Martinvalet	Reactive Oxygen Species: Do They Play a Role in Adaptive Immunity?	2021-11
47	Nico A.M. Schellart	Swim performance with and without snorkel and the underlying energetic differences	2021-11
48	Ting Khee Ho, Mohd Najib Md Razi, Natasya Ahmad Tarib	Effect of types of resin cements on the bond strength of fiber post under simulated dives	2021-11
50	Daniel Popa, Lynn Waterhouse, Jay Duchnick, Tom Neuman, Peter Witucki	Performance of the Uni-Vent Eagle™ Model 754 ventilator under hyperbaric conditions.	2021-11
59	Hussam Haider Salman, Adnan khudhier yaqoop, & Rafid Y. Jabbar Almaidi	The benefit of tympanometry for certain ear diseases	2021
61	Yan Tian, Yafang Zhang, Yu Wang, Yunxi Chen, & 4 scientists	Hydrogen, a Novel Therapeutic Molecule, Regulates Oxidative Stress, Inflammation, and Apoptosis	2021
2022 - part A			
1	Santiago Veiga, Robin Pla, Xiao Qiu, David Boudet, and alexandre Guimard	Effects of Extended Underwater Sections on the Physiological and Biomechanical Parameters of Competitive Swimmers	2022-01
2	Denis Martinvalet, and Michael Walch	Editorial: The Role of Reactive Oxygen Species in Protective Immunity	2022-01
8	Mirela Zec, Vesna Antičević, Linda Lušić Kalcina, Zoran Valić, Joško Božić	Psychophysiological stress response in SCUBA divers: The contribution of negative automatic thoughts and negative emotions	2022-02
19	Hamed Taherdoost	Designing a Questionnaire for a Research Paper: A Comprehensive Guide to Design and Develop an Effective Questionnaire	2022-04
31	Véronique Billat, Luc Poinard, Florent Palacin, Jean Renaud Pycke, and Michael Maron	VOxygen Uptake Measurements and Rate of Perceived Exertion During a Marathon	2022-05
32	Paul-Alexandre Moyaux, Gabriel Fernandez de Grado, Anne-Marie Musset, Damien Offner	Orofacial problems in scuba diving: prevalence and prevention—a large-scale survey among civilian divers in France	2022-05
45	Giuliana Spadaro, Ilaria Tiddi, Simon Columbus, Shuxian Jin, & 3 scientists	The Cooperation Databank: Machine-Readable Science Accelerates Research Synthesis	2022

46	Alan G. Fraser, Mark J. Monaghan, Antonius F.W. van der Steen, George R. Sutherland	A concise history of echocardiography: timeline, pioneers, and landmark publications	2022
2022 - part B			
6	Nadiawati Abdul Razak, & Victor Feizal Knight	Naval scuba-diving injuries and associated underwater hazards in Malaysia	2021
26	Stian Lande Wekre, Halvor Dagsson Landsverk, Jacky Lautridou, Astrid Hjelde, Jean Pierre Imbert, Costantino Balestra, and Ingrid Efteda	Hydration status during commercial saturation diving measured by bioimpedance and urine specific gravity	2022
27	Giuliana Spadaro, Ilaria Tiddi, Simon Columbus, Shuxian Jin, & 3 scientists	The Cooperation Databank: Machine-Readable Science Accelerates Research Synthesis	2022
2023 - Part A			
13	Leigh C. Ward, & Steven Brantlov	Bioimpedance basics and phase angle fundamentals	2023-02
16	Stanisław Skrzyński	Polish Studies on Saturation Diving and Practical Application of Their Findings. Part IIIB: Technical and Organizational Issues of the Implementation of Saturation Diving in Poland from the 1990s Onwards. Part 2	2023-02
21	Eva Maria Martin, Sven Rupprecht, Simon Schrenk, Fabian Kattlun, & 8 scientists	A hypoarousal model of neurological post-COVID syndrome: the relation between mental fatigue, the level of central nervous activation and cognitive processing speed	2023-03
26	Thomas Muth, Jochen D. Schipke, Anne-Kathrin Brebeck, and Sven Dreyer	Assessing Critical Flicker Fusion Frequency: Which Confounders? A Narrative Review	2023-04
28	Stanisław Skrzyński	Polish Studies on Saturation Diving and Practical Application of Their Findings. Part III: Technical and Organisational Issues of the implementation of Saturation Diving in Poland from the 1990s Onwards. Part 1	2023-04
32	Gregory H. Grossman, Marianne K. Henderson	Readiness for Artificial Intelligence in Biobanking	2023-04
37	Mika Onitsuka, Shinya Tada, Yoko Nozawa, Youichi Yanagawa	A Diving Accident Checklist in Izu Peninsula can be Associated with Some Pitfalls	2023-04
47	Pamela Tozzo, Arianna Delicati, Beatrice Marcante, Luciana Caenazzo	Digital Biobanking and Big Data as a New Research Tool: A Position Paper	2023-06
54	John Lippmann, Christopher Lawrence, Andrew Fock	Compressed gas diving fatalities in Australian waters 2014 to 2018	2023-06
55	Petroleum safety authority	Report from the petroleum safety authority diving database DSYS 2022	2023-06
57	Jan-Peter Schaap, Margy E Zuluaga Fernandez, Antoinette Houtkooper, Edwin L Endert, Pieter-Jan AM van Ooij	How fit are military hyperbaric personnel after an asymptomatic or mild symptomatic COVID-19 infection? A retrospective study	2023-06
2023 Part B			
1	Damian M. Bailey, Anthony R. Bain, Ryan L. Hoiland, Otto F. Barak, & 9 scientists	Systemic hypoxemia catalyzes cerebral oxidative-nitrosative stress during extreme apnea in humans: implications for cerebral bioenergetic function	2023-07
15	Hazem M. Sherif, Younis M. Albalooshi, Ahmad Al Hashemi, Islam Feteaha, Farha H. Ismail, Mamdouh Kamal Zaki	The use of dive computers in forensic investigations of fatal breath-hold diving accidents: a case study	2023-08
22	Marten Silvanus	Surviving Underwater - Physiological limitations and technical possibilities	2023-08
27	Christopher R. Kovacs	Scuba diving and the stress response: considerations and recommendations for professional and recreational divers	2023-08
37	Abraham L Querido, Chiel F Ebbelaar, & Thijs T Wingelaar	Diving with psychotropic medication: review of the literature and clinical Considerations	2023-09
40	Antoinette Houtkooper, Thijs T Wingelaar, Edwin L Endert, Pieter-Jan AM van Ooij	Self-reported vitality and health status are higher in Dutch submariners than in the general population	2023-09

44	Neal W Pollock, John Lippmann, John Pearn, John Hayman	Arterial dissection in scuba divers: a potential adverse manifestation of the physiological effects of immersion	2023-09
2023 Part C			
2	Shixin Lin	The Principle of Human Electric Shock and Several Main Types of Electric Shock	2023-10
10	Rakesh Sahu, Kamal Shah, Rishabha Malviya, Deepika Paliwal, Sakshi Sagar, Sudarshan Singh, Bhupendra G. Prajapati, and Sankha Bhattacharya	E-Cigarettes and Associated Health Risks: An Update on Cancer Potential.	2023-05
21	Pauline Lallement, Alain Boussuges, Paul Habert, Julien Bermudez, & 4 Scientists	Evaluation of computed tomography in the diagnosis of ultrasound-proven diaphragm dysfunction	2023-12
22	Stephane Perrey, Valentina Quaresima, Marco Ferrari	Muscle Oximetry in Sports Science: An Updated Systematic Review	2023-12
2024 - A			
2	Yunheng Yao, Michael A. DiNenna, Lili Chen, Shirong Jin, Sixian He & Jinshen He	Hypothesized mechanisms of death in swimming: a systematic review	2024-01
6	Antonis Elia, Matthew J. Barlow, Matthew J. Lees, Georgios Petri, & Michail E. Keramidas	Stress biomarker changes following a series of repeated static and dynamic apneas in non-divers	2024-01
11	Marc Roig, & Jacopo Cristini	Does dopamine mediate the effects of exercise on cognition?	2024-02
12	Costantino Balestra, Sara Baldelli, Fabio Virgili, Michele Salvagno, Simona Mrakic-Spota, & Deborah Fratantonio	Pulsed Hyperoxia Acts on Plasmatic Advanced Glycation End Products and Advanced Oxidation Protein Products and Modulates Mitochondrial Biogenesis in Human Peripheral Blood Mononuclear	2024-02
17	Victoria Bion, Dylan Jape, Rachel Niesen, Margaret Angliss, Frank Bruscino-Raiola, Biswadev Mitra, Bridget Devaney	Cells: A Pilot Study on the "Normobaric Oxygen Paradox" Validation of necrotising infection clinical composite endpoint in a retrospective cohort of patients with necrotising soft tissue infections	2024-03
23	Vishal Mago	Safety of Hyperbaric Medicine in Clinical Scenarios	2024-03
30	Benjamin L Turner, Pieter-Jan AM van Ooij, Thijs T Wingelaar, Rob A van Hulst, Edwin L Endert, Paul Clarijs, Rigo Hoencamp	Chain of events analysis in diving accidents treated by the Royal Netherlands Navy 1966–2023	2024-03
32	Haiyi Zong, Wen Yi, Maxwell Fordjour Antwi-Afari, Yantao Yu	Fatigue in construction workers: A systematic review of causes, evaluation methods, and interventions	2024-03
33	Dimitra Ioanna Lampropoulou, Dimitrios Papageorgiou, Evangelia Pliakou	Diving Medicine: An Exciting Journey Through Time and Future Prospects	2024-03
37	Javier García-Torres, Juan J. Segura-Egea	Barodontalgia and its implications for Navy divers and dentists: A narrative review.	2024-04
38	Steve Sheppard	North Sea Divers Age Survey	2024-04
42	Costantino Balestra, Clément Lévêque, Simona Mrakic-Spota, Alessandra Vezzoli, Pierre Wauthy, Peter Germonpré, Frauke Tillmans, François Guerrero, & Pierre Lafère	Physiology of deep closed circuit rebreather mixed gas diving: vascular gas emboli and biological changes during a week-long liveaboard safari	2024-04
47	Lidia Maeso, Pablo Edmundo Antezana, Ailen Gala Hvozda Arana, Pablo Andrés Evelson, & 2 scientists	Progress in the Use of Hydrogels for Antioxidant Delivery in Skin Wounds	2024-04
49	Elaine Yu, DO, Juan M. Valdivia-Valdivia, Fernando Silva, and Peter Lindholm	Breath-Hold Diving Injuries - A Primer for Medical Providers	2024-05
52	Elizabeth J Elliott, Karl Price, Bernard Peters	Formulating policies and procedures for managing diving related deaths: a whole of state engagement from frontline and hospital services in Tasmania	2024-06
55	Arne Melessen, Thijs T Wingelaar, Pieter-Jan AM van Ooij	Clinical utility of dipstick urinalysis in assessing fitness to dive in military divers, submariners, and hyperbaric personnel	2024-06
56	Janne Bouten, Louise Declercq, Jan Boone, Franck Brocherie, Jan G. Bourgois	Apnoea as a novel method to improve exercise performance: A current state of the literature	2024-06

58	Gerard Laden, Bruce Mathew	Drinker driver flyer diver	2024-06
2024- B			
3	Anders Kjellberg, Johan Douglas, Michael T. Pawlik, Adrian Hassler, Sarah Al-Ezerjawi, Emil Bostrom, Lina Abdel-Halim, Lovisa Liwenborg, Anna-Dora Jonasdottir-Njastad, Jan Kowalski, Sergiu-Bogdan Catrina, Kenny A. Rodriguez-Wallberg, Peter Lindholm	Five sessions of hyperbaric oxygen for critically ill patients with COVID-19-induced ARDS: A randomised, open label, phase II trial	2024-07
6	Tatjana Baldovin, Francesco Bassan, Chiara Bertoncetto, Alessandra Buja, Silvia Cocchio, Marco Fonzo, and Vincenzo Baldo	Shaping the future of healthcare: Improving quality and safety through integrating simulation into Public Health education	2024-07
14	Charlotte Sadler, Anna Lussier, Ian Grover, Karen Van Hoesen, Peter Lindholm	Medical examination of divers after COVID-19 infection: a prospective, observational study using published (original and revised) guidelines for evaluation	2024-09
19	Emmanuel Gouin, David PM Monnot, Thierry Michot, François Guerrero, Jean-Eric Blatteau	Diving Practices in Technical Divers' Community and Behaviour towards Self-reported Unusual Symptoms	2024-09
20	Rhiannon J. Brenner, Kiran A. Balan, Marie P. L. Andersen, Emmanuel Dugrenot, Xavier C. E. Vrijdag, Hanna Van Waart & Frauke Tillmans	A review of nutritional recommendations for scuba divers	2024-09
30	Philipp I. Vysikaylo	Shock Waves of the Electric Field—Part 2: Experimental Studies of Vysikayl's Jumps and Plasma Nozzles in Plasma With Current	2024-10
33	National academies	National academies; Future Topical Updates to the Guide for the Care and Use of Laboratory Animals - Proceedings of a Workshop	2024-10
38	World Medical Association	WMA Declaration of Helsinki – Ethical Principles for Medical Research Involving Human Participants	2024-10
39	Haixin Tong, Xiangjun Zeng, Kun Yu, and Zehua Zhou	Dynamic Impedance Model of Low-Voltage Electric Shock in Animals Considering the Influence of Water Electrolysis	2024-11
40	Suma Gangidi, Mukul Govande, Kyle McCollum, and Raphael C. Lee	Electrical shock injuries: an analysis of voltage, frequency, and contact mode determinants	2024-11
41	Abiodun Ayodeji Ojetoye, Kehinde Monsuru Adeleke, Samson Ayorinde Akangbe, Matthew Afolabi Oke, Abimbola Oluwatayo Orisawayi	Assessment of Incidents and Immediate Consequences of Electric Shocks among Nigerians	2024-11
42	Irena Sionek-Wrega, Jakub Wrega	Oral Health Complications of SCUBA Diving	2024-11
50	Paul Beatty, William Evans, Sara Gravelyn, Marshall Tumperi, Druso Daubon, and Austin Veith	Physiological monitoring to prevent diving disorders	2024-12
2025			
2	Jing Wang, Yun Yu	Machine learning approach to student performance prediction of online learning.	2025-01
4	John M. Lippmann	Snorkelling and Breath-Hold Diving Fatalities in Australia—A Review of 317 Deaths	2025-01
5	Francisco DeAsis-Fernandez, Alvaro Reina-Varona, Evangelos Papotsidakis, Juan Lafuente, and Jose Fierro-Marrero	Effects of Hook Maneuver on Oxygen Saturation Recovery After –40 m Apnea Dive—A Randomized Crossover Trial	2025-01
9	Andy Adler, Tarek el Harake, Martina Mosing, Andreas Fahlman	In-water Electrical Impedance Tomography: EIT and the Sea	2025-02
11	Max Kailler Smith, Rebecca Weller, Tony Duong, Rebecca McClintock, Matthew Peterson, Nathaniel Barr, Douglas M. Jones, and Timothy L. Dunn	Divergent thinking in groups during cold-water immersion is impaired by cold stress not the cold shock response	2025-02
12	Anna Nowakowska, Małgorzata Marchelek-My'sliwiec, Marta Skórka-Majewicz, Wojciech 'Zwierello, Konrad Grzeszczak, and Izabela Gutowska	The Impact of Recreational Diving to a Depth of 40 m on Selected Intracellular DAMPs	2025-03
13	Shanmuganathi Ayyankalai, Srinivasaragavan Subburaj, Prasanna Kumari Nataraj	Measuring the research productivity on environmental toxicology: A scientometric study	2025-03

14	Anna Nowakowska, Małgorzata Marchelek-Mysliwiec, Marta Skórka-Majewicz, Wojciech 'Zwierello, Konrad Grzeszczak, and Izabela Gutowska	The Impact of Recreational Diving to a Depth of 40 m on Selected Intracellular DAMPs	2025-03
17	Sandra Arhesa, Amung Ma'mun, Boyke Mulyana, Nina Sutresna, Silvia Agustin	Case study on the diving ability of the Bajo tribe in Indonesia	2025-04
18	Ahmet Sedat Dündü, Mucahit Oruç, Osman Celbiş, Emine Türkmen Şamdancı, Ayşe Nur Akatlı, Hasan Okumuş, Çağatay Taşkapın, Onural Özhan, Hakan Parlakpınar	An experimental rat model of electric shock injury with isolated electric shock and water conduction: the histopathological changes on the skin and internal organs and the effect on biochemical Parameters.	2025-04
19	I.C.N Fung, L.G.M. Mulders, R. Weiss, I.A.M van Thiel, K.J. Beek, I. Admiraal, C. Verseijden, J. Verhoeff, M. Zwart, M.L. Ridderikhof, J. Tielbeek, J. Stoker, R.A. van Hulst, C.J. Buskens, M.E. Wildenberg, K.B. Geese, A.Y.F. Li Yim, W.J. de Jonge, G.R. D'Haens	An EPHA2-centered gene regulatory network associates with hyperbaric oxygen treatment response in perianal fistulizing Crohn's disease patients	2025-05
20	Lubna A. Alolaiwi, Fawziah A. Alzahrani, and Sulaiman A. AlShammari	Diving into discomfort: orofacial pain dynamic—A systematic Review.	2025-05
21	Emmanuel Gouin, Emmanuel Dugrenot, Bernard Gardette	Extremely deep bounce dives: planning and physiological challenges based on the experiences of a sample of French-speaking technical Divers	2025-06
22	Emmanuel Gouin, David PM Monnot, Thierry Michot, François Guerrero, Jean-Éric Blatteau	Diving practices in technical divers' community and behaviour towards self-reported unusual symptoms	2025-06
23	Sophie Peter	Mechanisms of Drowning in Children: Influence of Cold Shock Response on Repolarization Patterns and Arrhythmia Burden in Healthy Children.	2025-06
24	John M. Lippmann	A Temporal Comparison of 50 Years of Australian Scuba Diving Fatalities	2025-07
27	Lechuang Chen and Qing H. Meng	Advancing Laboratory Diagnostics for Future Pandemics: Challenges and Innovations	2025-11

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