

Diving & ROV specialists



Index for document research

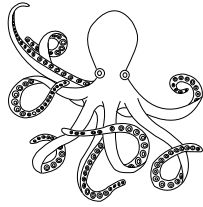
**Scientific papers and books
stored in the website database**



September 2024



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Diving & ROV Specialists

52/2 moo 3 tambon Tarpo 65000 Phitsanulok - Thailand

Tel: +66 857 277 123 - E mail: info@ccoLtd.co.th

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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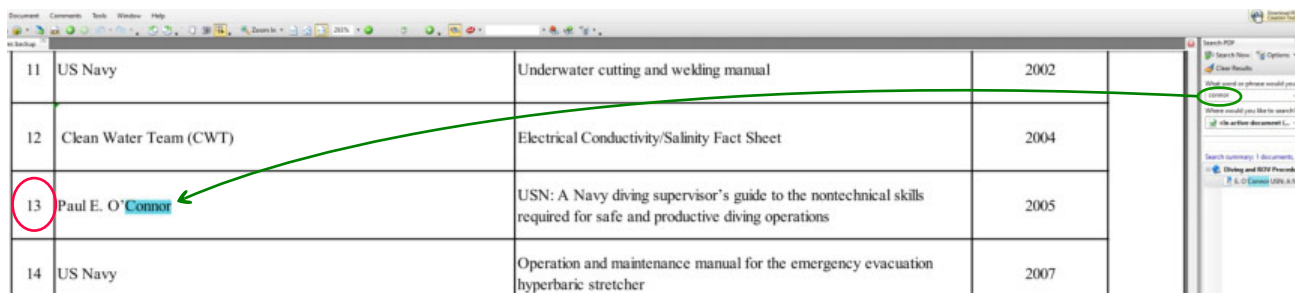
Important note:

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.

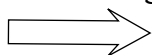
To locate a document within the chronological presentation of the database:

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

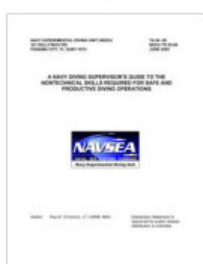
- Documents years 2019 to today

- Documents years 1980 to 2018

Historical

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

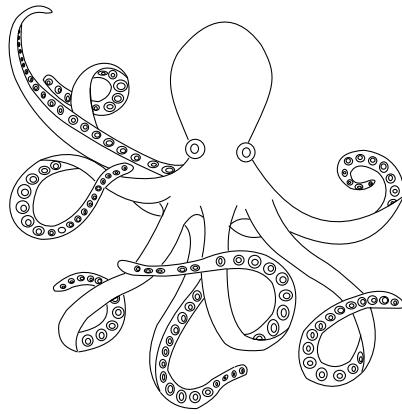


Author: Paul E O'Connor

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

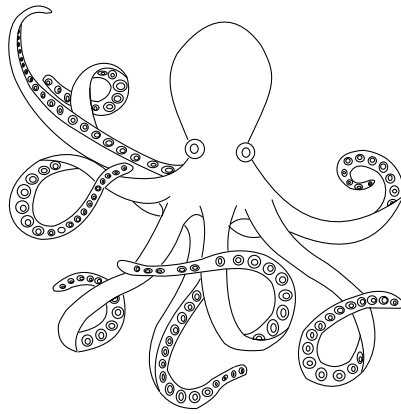


<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
Early times to 1959			
8	Edme Mariotte	Oeuvres de Marriotte	1740
1960 - 1979			
23	Joseph C. Farmer jr	Labyrinthine dysfunction during diving	1974
45	Banks Anderson, Joseph C. Farmer	Hyperoxic Myopia	1978-06
1980 to 1985			
27	Brumon Kiernikowicz, Stefan Teresinky	Cerebral gas embolism in the course of mildly symptomatic pulmonary barotrauma in a scuba diver	1984
36	O.I. Molvaer, E.H. Lehmann	Hearing acuity in professional divers	1985
37	C. Edmons	Hearing loss with frequent diving (deaf divers)	1985
1990 - 1995			
46	Lawrence W. Raymond	Pulmonary Barotrauma and Related Events in Divers	1995
2000 - 2002			
26	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
44	S.E. Mawle, & C.A. Jackson	An investigation of ear trauma in divers, including ear barotrauma and ear infection	2002
2009 - 2010			
27	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
2015			
21	Martyna Krukowska, Katarzyna Jańczuk, Anna Ślifirczyk, & Marta Kowalenko	Pulmonary barotrauma in divers vs procedures initiated by medical personnel.	2015
2016			
14	Bengüsü Mirasoglu, Aslıcan Cakkalkurt, Maide Cimsit	Symptomatic middle ear and cranial sinus Barotraumas as a complication of hyperbaric oxygen treatment	2016
17	Ruben Vandenbulcke, Bartel van Holsbeeck, Ilse Crevits, & Jesse Marrannes	Frontal Sinus Barotrauma	2016
2017			
17	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			
30	Pierre Lafère, Peter Germonpré, François Guerrero, Alessandro Marroni, & Costantino Balestra	Decreased Incidence of Pulmonary Barotrauma After discontinuation of Emergency Free Ascent Training	2018
2020			
19	Brunon Kierznikowicz, Władysław Wolański, & Romuald Olszański	Pulmonary barotrauma during hypoxia in a diver while underwater	2020

20	Jakub Tlapák, Boris Oniščenko, Petr Došel, Pavel Požár, & 2 scientists	Rare pulmonary barotrauma after explosive decompression: a case report	2020
23	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			
15	Oskari H Lindfors, Anne K Räisänen-Sokolowski, Jari Suvilehto, & Saku T Sinkkonen	Middle ear barotrauma in diving	2021
25	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
27	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			
8	Alessandro Belletti, Giovanni Landoni, & Alberto Zangrillo	Pneumothorax and barotrauma in invasively ventilated patients with COVID-19	2021
16	Oskari H Lindfors, Anne K Räisänen-Sokolowski, Jari Suvilehto, & Saku T Sinkkonen	Sinus barotrauma in diving	2021
2022 - part A			
6	Maria Ludovica Carerj, Giuseppe Bucolo, Silvio Mazziotti, Alfredo Blandino, & 3 scientists	Pulmonary Barotrauma in patient suffering from COVID-19	2022
8	Dhan Bahadur Shrestha, Yub Raj Sedhai, Pravash Budhathoki, Ayush Adhikari, & 7 scientists	Pulmonary barotrauma in COVID-19: A systematic review and meta-analysis.	2022
9	Dr. med. Jens Strohäker, Dr. med. Malte Bongers, Dr. med. & Malte Bongers	A Rare Case of Barotrauma Caused by Coughing	2021
15	Diving and Hyperbaric Medicine	Diving after COVID-19: an update to fitness to dive assessment and medical guidance.	2022
31	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
37	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			
7	Pierre Lafère, Peter Germonpré, & Costantino Balestra	Pulmonary Barotrauma in Divers During Emergency Free Ascent Training: Review of 124 Cases	2021
34	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
38	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
41	Secil Ozkan Ata, Nazim Ata, & Rifat Ugurlutan	Hyperbaric Pressure Effect on Dental Luting Cements	2022
46	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			
29	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			
16	Yulianus Sudarman, & H. Melangka	Knowledge and Attitudes Relating to Barotrauma Incidents, Fishermen Communities in Buko Village, Banggai District, Central Sulawesi Islands.	2023-08

30	Kubra Canarslan-Demir, Kubra Ozgok-Kangal, Samet Kilic, Hakan Genc	Does diving deteriorate hearing functions?	2023-09
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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 - 1979			
35	Murray Epstein	Cardiovascular and Renal Effects of Head-Out Water Immersion in Man	1976-11
1986 - 1989			
17	SR Muza, AJ Young, MN Sawka, E Bogart, & KB Pandolf	Respiratory and cardiovascular responses to cold stress following repeated cold water immersion	1988
1990 - 1995			
4	Einar Thorsen, Kaire Segadal, Brit Kambestad, Amund Gulsvik	Divers' lung function: small airways disease?	1990-08
26	E. Thorsen, K. Segadal, B.K. Kambestad	Mechanisms of reduced pulmonary function after a saturation dive	1993-02
43	Y.C. Lin, K. Shikaki, H Takeushi, and M. Mohri	Cardiovascular Deconditioning Occurs During a 7-Day Saturation Dive at 31 ATA	1995-08
45	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 - 1999			
3	B.D. Butler, R. Robinson, T. Little, J.E. Chelly, and M-F. Doursout	Cardiopulmonary changes with moderate decompression in rats	1996-06
16	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	N.B. Hampson, R.G. Dunford	Pulmonary edema of scuba divers	1997
37	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
2003			
6	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
11	Fumio Yamazaki, Futoshi Wada, Ken Nagaya, Riko Torii, & 6 scientists	Autonomic Mechanisms of Bradycardia During Nitrox Exposure at 3 Atmospheres Absolute in Humans	2003
2004 - 2005			
31	Earl S. Ford	Risks for All-Cause Mortality, Cardiovascular Disease, and Diabetes Associated With the Metabolic Syndrome	2005-03
33	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

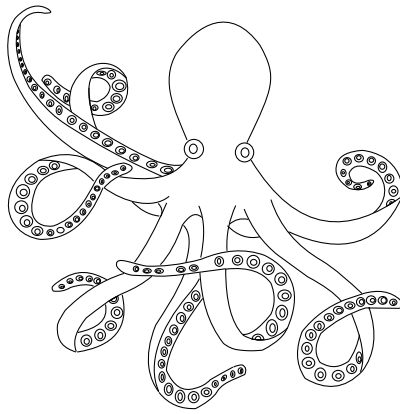
37	Lars Lind, Nilla Fors, Jan Hall, Kerstin Marttala, Anna Stenborg	A Comparison of Three Different Methods to Evaluate Endothelium-Dependent Vasodilation in the Elderly The Prospective Investigation of the Vasculature in Uppsala Seniors (PIVUS) Study	2005-07
45	T. Stensrud, S. Berntsen, & K.-H. Carlsen	Humidity influences exercise capacity in subjects with exercise-induced bronchoconstriction (EIB)	2005
2007			
20	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
29	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	Jean-Jacques Rouby	Variable Effect of Positive End-expiratory Pressure on Oxygenation in Patients with Acute Respiratory Distress Syndrome	2008-01
2	Sarah Nolan, Rachel Dixon, Keith Norman, Paul Hellewell, and Victoria Ridger	Nitric Oxide Regulates Neutrophil Migration through Microparticle Formation	2008-01
8	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
9	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
15	Si Jack Chong, Teck Wei Tan and Jordan Yu Jin Lim	Changes in lung function in Republic of Singapore Navy divers	2008-06
37	Peter Lindholm, & Claes EG Lundgren	The physiology and pathophysiology of human breath-hold diving	2008
2009 - 2010			
5	Ulrik Wisloff, Oyvind Ellingsen, and Ole J. Kemi	High-Intensity Interval Training to Maximize Cardiac Benefits of Exercise Training?	2009-03
33	Harold Rea, Sue McAuley, Lata Jayaram, Jeffrey Garrett, & 6 scientists	The clinical utility of long-term humidification therapy in chronic airway disease	2010
55	Jon O. Lundberg, Mattias Carlstrom, Filip J. Larsen , and Eddie Weitzberg	Roles of dietary inorganic nitrate in cardiovascular health and disease	2010-10
2011 - 2012			
10	Pierre-Emmanuel Rautou, Anne-Clemence Vion, Nicolas Amabile, Gilles Chironi, Alain Simon, Alain Tedgui, Chantal M. Boulanger	Microparticles, Vascular Function, and Atherothrombosis	2011-06
11	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
16	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
28	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
45	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
48	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
53	Earl S Ford, & Carl J Caspersen	Sedentary behaviour and cardiovascular disease: a review of prospective studies	2012-08
2013			
3	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

2015			
3	Guillaume Costalat, Aurélien Pichon, Fabrice Joulia, & Frédéric Lemaître	Modeling the diving bradycardia: Toward an “oxygenconserving breaking point”?	2015
13	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
16	Peter Germonpré	Persistent (patent) foramen ovale (PFO): implications for safe diving	2015-06
2016			
22	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
36	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
40	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			
41	Krzysztof Korzeniewski, & arosław Krzyżak)	Travel medicine for divers	2017
2018			
4	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
2019			
42	Sheeba Santhosh, A Vimala Juliet, G Hari Krishnan	Electrode System Analysis for Bioimpedance Cardiac Diagnosis	2019-12
2020			
22	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
40	Kaiming Liu, Brian Z. Wang, Yishu Hao, Shuijiang Song, & Mengxiang Pan	The Correlation Between Migraine and Patent Foramen Ovale	2020-12
2021 - part A			
21	Antonio Barajas-Martínez, Geraldine Tello-Santoyo, Pablo Berumen-Cano, Adriana Robles-Cabrera & 6 scientits	Cardio-respiratory variability of healthy young subjects	2021
35	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			
2	Kay Tetzlaff, Frederic , Christof Burgstahler, Julian A. Luetkens, & Lars Eichhorn	Going to Extremes of Lung Physiology--Deep Breath-Hold Diving	2021-07
34	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
2022 - part A			
3	Saleh Eltarabily	The Effect of a Combined Training of Swimming and Breath Hold On Cardio - Respiratory, Blood and Biochemical Variables of Divers	2021
18	Jochen D. Schipke, Thomas Muth, Clark Pepper, Johannes Schneppendahl, & 2 scientists	Hyperoxia and the cardiovascular system: experiences with hyperbaric oxygen therapy	2022
49	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			
24	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

32	James P. Fisher, Johanna Roche, Rachel Turner, Anna Walzl, & 3 scientists	Hypobaric hypoxia and cardiac baroreflex sensitivity in young women	2022
33	Johanna Roche, Peter Rasmussen, Hannes Gatterer, Giulia Roveri, & 15 Scientists	Hypoxia briefly increases diuresis but reduces plasma volume by fluid redistribution in women	2022
43	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
44	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
45	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			
18	Richard Viking Lundell, Tommi Ojanen	A systematic review of HRV during diving in very cold water	2023-04
24	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
37	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
38	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
18	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
19	Brice Loddé, Marie-Agnès Giroux-Metges, Hubert Galinat, Hèlène Kersperm, & 4 Scientists	Does Decreased Diffusing Capacity of the Lungs for Carbon Monoxide Constitute a Risk of Decompression Sickness in Occupational Divers?	2023-08
21	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
23	Matteo Paganini, Giuseppe Cantarella, Danilo Cialoni, Ezio Giuffrè, & Gerardo Bosco	Feasibility of chest ultrasound up to 42 m underwater	2023-08
26	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
41	Abigail G. Harrell, Stephen R. Thom	Dissolved gases from pressure changes in the lungs elicit an immune response in human peripheral blood	2023-10
2024			
3	Harry B. Rossiter, David C. Poole	Further perspectives on measuring pulmonary oxygen uptake kinetics	2024-02
5	Warren Burggren, Andreas Fahlman, & William Milsom	Breathing patterns and associated cardiovascular changes in intermittently breathing animals: (Partially) correcting a semantic quagmire	2024-02
10	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
14	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
15	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
16	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

19	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
27	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

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
11	Henry	Experiments on the quantity of gases absorbed by water , at different temperatures , and under different pressures	1802
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
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
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
35	Max Kleiber	Body size and metabolic rate	1947
38	William Feller	An Introduction to Probability Theory and Its Applications	1950
39	Dwyer (J. V.)	Calculation of air decompression tables – project NS185-005 subtask 5 test 3	1955
40	R. D. Workman	Calculation of air saturation decompression tables – project NS185-005 subtask 5 test 7	1957
41	G. J. Dupfner, h. h. Snider	Reseach report 1 -59: Effects of exposing men to compressed air and helium-oxygen mixtures for 12 hrs at pressures of 2 - 2.6 atmospheres.	1958
42	M de G Cribble	A comparison of the high altitude and high pressure syndromes of decompression illness	1959
1960 - 1979			
1	Campbell Golding, P Griffiths, H.V. Hempleman, W.d. Paton	Decompression sickness during construction of the Dartford Tunnel.	1960
4	R. D. Doll, Workman (Robert D.)	decompression sickness among US Navy operational divers: An estimate of incidence using air decompression tables.	1965

4	Yount, C. M. Yeung	Bubble formation in supersaturated gelatin: A further investigation of gas cavitation nuclei	1980
5	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
10	Young, R. Battino, H. L. Clever	The solubility of gas in liquids	1982
11	B.G. D'Aoust, R. White, H. Swanson, R. Dunford	Differences in transient and steady state isobaric counterdiffusion	1982
12	yount	On the evolution, generation, and regeneration of gas cavitation nuclei	1982
14	Edward D. Thalmann	Computer algorithms used in computing the MK15/16 constant 0.7 ata oxygen partial pressure decompression tables.	1983
15	R. Y. Nishi, G. R. Lauckner	Development of the DCIEM decompression model for compressed air diving.	1983
16	A. A. Buhlmann	Decompression - Decompression Sickness	1983
17	Thalmann (Edward D), Buckingham Spaur	Testing of decompression algorithms for the use in the US Navy underwater decompression computer.	1983
18	Akira Ishiyama	Analysis of gas composition of intravascular bubbles produced by decompression	1983
19	Thalmann (Edward D), Butler	A procedure for doing multilevel dives on air using repetitive groups.	1983
20	The European Undersea Biomedical Society & The Norwegian Petroleum Directorate	Long term neurological consequences of deep diving	1983
22	Edward D. Thalmann	Phase 2 testing of decompression algorithms for use in the US Navy underwater decompression computer.	1984
23	R.D. Vann	Decompression from saturation dives	1984-03
25	Thalmann (Edward D)	Phase II testing of decompression algorithms for the use in the US Navy underwater	1984
26	W. Shilling	Diagnosis and Treatment of Decompression Sickness	1084
29	C.Y. Lin	Circulatory findings during immersion and breath-hold dives in humans	1984
30	C Blood, A. Hoiberg	Diving Accidents: Analysis of underlying variables.	1984
31	yount	A microscopic investigation of bubble formation nuclei	1984
32	Paul K Weathersby, Blaine Hart	Statistically Based Decompression Tables. II. Equal Risk Air Diving Decompression Schedules.	1985
33	Thalmann (Edward D), Butler	Development of a decompression algorithm for constant 0.7 ATA oxygen partial pressure in helium diving.	1985
34	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
35	R.G. Eckenhoff, and R.D. Vann	Air and Nitrox Saturation Decompression: in a report of 4 schedules and 77 subjects	1985-03

38	C. Blood, A. Hoiberg	Analyses of variables underlying U.S. Navy diving accidents	1985
39	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
40	J. Parmentier, B. Shrivastav, P. B. Bennett	Effects of halothane and hydrostatic pressure on sodium channels in squid axon	1985
41	J.J.W. Sykes, L.J. Yaffe	Light and electron microscopic alterations in spinal cord myelin sheaths after decompression sickness.	1985
42	DR Leitch, JM Hallenbeck	Oxygen in the treatment of spinal cord decompression sickness	1985
43	DR Leitch, JM Hallenbeck	Pressure in the treatment of spinal cord decompression sickness	1985
44	L.D. Homer, P.K. Weathersby	Statistical aspects of the design and testing of decompression tables	1985
45	W.L. Dobb	In vitro efficacy of Otic Domeboro against Pseudomonas aeruginosa	1985
46	C. Edmons, J Boughton	Intellectual deterioration with excessive diving (punch drunk divers)	1985
1986 - 1989			
4	COMEX SA	COMEX - Hydra V	1986-03
5	Imbert (Jean pierre), Bontoux (M)	Safety analysis of French 1974 air decompression tables	1986
7	Yount, Hoffman	On the use of a bubble formation model to calculate diving tables	1986
9	Jean-Pierre Imbert, & Michel Bontoux	A method for introducing new decompression procedures	1987
11	Hyperbaric medical society	Validation of decompression tables - Final concensus only	1987
12	Hyperbaric medical society	Validation of decompression tables - Full Workshop Proceedings	1987
15	E.C. Parker, S.S. Survanshi, P.B. Massell, & P.K. Weathersby	Probabilistic models of the role of oxygen in human decompression sickness	1988
16	Imbert (Jean pierre), & Bontoux (M)	Diving databank – A unique tool for diving procedures	1988
18	P. Tikuisis, R.Y. Nishi, P.K. Weatherby	Use of the maximum likelihood method in the analysis of chamber air dives.	1988
20	American academy of underwater sciences	Biomechanics of safe ascent workshop	1989
21	Q. S. Lillo, M. E. MacCallum	Effect of inert gas switching at depth on decompression outcome in rats	1989
22	Francis, Pezeshkpour, Dutka	Arterial gas embolism as a patophysologic mechanism for spinal cord decompression sickness.	1989
25	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
10	American Academy of Underwater Sciences	Repetitive diving workshop	1991
11	James M Chimiak	US Navy nitrox diving applications	1991
13	JP Imbert	Decompression tables versus decompression procedures: An analysis of decompression sickness using diving data bases	1991
14	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
15	K Todnem, H Nyland, H Skeidsvoll, R Svihus, & 4 scientists	Neurological long term consequences of deep diving.	1991
16	Hills (Brian), James	Microbubble damage to the blood-brain barrier: relevance to decompression sickness.	1991
17	Paul K Weathersby	Statistically-Based Decompression Tables. 6. Repeat Dives on Oxygen/Nitrogen Mixes	1991
18	P. K. Weathersby, S. S. Survanshi, L.D. Homer, E. Parker, and E. D. Thalmann	Predicting the time of occurrence of decompression sickness.	1992
19	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
21	US Air Force systems Command	The proceedings of the 1990 hypobaric decompression sickness workshop	1992-06
24	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
27	A Boussuges, p. Ambrosi, G. Habib, D. Cartran	Detection of circulating bubbles with 2D echocardiography and pulsed dopler	1993
28	Ernst B. Völlm	A new decompression model to Increase safety for dive computers	1993
29	judith Aharon-Peretz, YohaiAdir, Carlos R. Cordon, Shahar Kol + 2 authors	Spinal Cord Decompression Sickness in Sport Diving.	1993
30	Hugh D. Van Luaw, Jonny Conkin, Mark E. Burkard	The oxygen window and decompression bubbles: Estimates and significance.	1993
31	B. Gardette, I.Y. Massimelli, M. Comet, C. Gortan,	HYDRA 10 : A 701 MSW ONSHORE RECORD DIVE USING "HYDRELIOX"	1993
32	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
35	O. Hyldegaard, M. Møller, J. Madsen	Protective effect of oxygen and heliox breathing during development of spinal decompression sickness	1994
38	O. Hyldegaard, J. Madsen	Effect of air, heliox, and oxygen breathing on air bubbles in aqueous tissues in the rat	1995
39	C. L. Shake, P. K. Weathersby, B. G. Coras, arid J. W. Parker	He-Nsub2-Osub2: Isobaric Shift and Saturation Decompression	1995

41	Erik C. Baker	Understanding M-values	1995
42	Bruce R. Wienke, & Timothy R. O'Leary	Mixed gas decompression theory with algorithms and statistics	1995
1996 - 1999			
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
5	Paul K Weathersby	Statistically Based Decompression Tables X: Real-Time Decompression Algorithm Using a Probabilistic Model	1996
6	J. C. Le Péchon, P. Barre, J. PBauai, & F. Ollivier	Compressed air work - French tables 1992 - Operational result	1996
9	A. Boussuges, S. Abdellaoui, B. Gardette, & JM Sainty	Detection of circulating bubbles in breath-hold divers	1995
11	A. Boussuges, P Ambrosi, G Habib, D Cartran, & 2 Scientists	Detection of circulating bubbles with 2D echocardiography and pulsed doppler.	1996
12	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
14	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
15	R. S. Lillo, E. C. Parker, and W. R. Porter	Decompression comparison of helium and hydrogen in rats	1997-03
17	Van Liew, Hugh D., Soumya Raychaudhuri	Stabilized bubbles in the body: pressure-radius relationships and the limits to stabilization.	1997
32	A. Boussuges, D. Carturcin, P. Ambrosi, G. Habib, j. M. Sainty, & R. Luccioni	Decompression Induced Venous Gas Emboli in Sport Diving: Detection with 2D Echocardiography and Pulsed Doppler	1998
35	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
38	P. Gemonpre, P. Dendale, P. Unger, & C. Balestra	Patent foramen ovale and decompression sickness in sports divers	1998
39	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
40	Erik C. Baker	Clearing Up The Confusion About "Deep Stops"	1998
41	Mark Kessler	HeO2 CUMA Repetitive Dive Table Trials - Series 2 and 3	1998
42	Yasuhiro Manabe, Kenichi Sakai, Kenichi Kashihara, & Toshikiyo Shohmori	Presumed venous infarction in spinal decompression sickness	1998
45	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
46	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
47	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
49	Robert Ball, Charles E. Lehner, and Erich C. Parker	Predicting risk of decompression sickness in humans from outcomes in sheep	1999-06

50	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
51	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
52	D. Carturan, A. Boussuges, F. Molenat, and 3 other scientists	Ascent rate and circulating venous bubbles in recreational diving	1999
53	David E. Yount, Eric B. Maiken, & Erik C. Baker	Implications of the Varying Permeability Model for Reverse Dive Profiles	1999
54	J. F. Himm , & L. D. Homer	A model of extravascular bubble evolution: effect of changes in breathing gas composition	1999
56	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
57	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
58	Smithsonian institution	Reverse dive profile workshop	1999
59	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			
2	David M. Domsy, 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
4	Shi Zhong-yuan	Research on Nitrogen-Oxygen Saturation Diving with Repetitive Excursions	2000
5	University College London	Brief introduction to bioimpedance	2000
6	Wienke (B, R.), & O'Learly	Reduced gradient bubble model – Diving algorithm basis and comparisons	2000
7	Peter Wilmshurst, & Philip Bryson	Relationship between the clinical features of neurological decompression illness and its causes.	2000
8	Brian (Johnny E. Jr)	Gas exchange, partial pressure gradients, and the oxygen window	2000
9	R. S. Lillo, & E. C. Parker	Mixed-gas model for predicting decompression sickness in rats	2000
10	A. Hjelde, s. Kotengz, O. Eftedalz, A. O. Brubakk	Surface tension and bubble formation after decompression in the pig	2000
12	Imbert (Jean pierre)	Decompression safety	2000
13	VM Lee, & AE Hay)	Altitude Decompression Illness - The Operational Risk at Sustained Altitudes up to 35,000 ft	2000
15	O. Hyldegaard, D. Kerem, & Y. Melamed	Effect of combined recompression and air, oxygen, or heliox breathing on air bubbles in rat tissues	2001
17	Annette. Branger, Chris. Lambertsen, & David Eckmann	Cerebral gas embolism absorption during hyperbaric therapy: theory	2001
18	Divers Alert Network, Durham	DAN Nitrox workshop proceeding	2001
22	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

23	Z. Nachum, A. Shupak, O. Spitzer, Z. Sharoni, & 4 scientists	Inner Ear Decompression Sickness in Sport Compressed-Air Diving	2001
25	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
29	R.G Dunford, R. D. Vann, W. A. Gerth, and 4 scientists	The incidence of venous gas emboli in recreational diving.	2002
31	Steffen Skogland, Kare Segadal, Harald Sundland, & Arvid Hope	Gas bubbles in rats after heliox saturation and different decompression steps and rates	2002-03
32	Brubback, Hemmingsen, Sundnes	Supersaturation and bubble formation in fluids and organisms (Translated in French language)	2002
33	Frederick W. Rudge	Effects of decreased pressure decompression illness	2002
34	Henning Lykke Andersen	Decompression sickness during construction of the Great Belt Tunnel, Denmark	2002
35	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
36	Ryszard Klos, Ron Nishi, & Roman Olszanski	Validation of Decompression Tables	2002
39	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
43	Y. Arieli, R. Arieli, A. Marx, R. Arieli,	Hyperbaric oxygen may reduce gas bubbles in decompressed prawns by eliminating gas nuclei	2002
46	Bruce R. Wienke, Timothy R. O'Leary	Deep stops and deep helium	2002
47	DJ Doolette, & DF Gorman	Evaluation of decompression safety in an occupational diving group using self reported diving exposure and health status	2002
48	Valerie Flook,	Modifications to heliox tables to reduce extent of bubble formation	2002
2003			
1	Valerie Flook,	Reducing risk for upward excursions	2003
2	Nadan petri & Dejan Andric	Differential Diagnostic Problems of Decompression Sickness - Examples from Specialist Physicians' Practices in Diving Medicine	2003-02
3	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
4	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	2003
8	Unimed Scientific Limited for the UK HSE	to 2000 A comparison of oxygen decompression tables for use in compressed air work	2003
10	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
13	David J Doolette, Simon J Mitchell	A biophysical basis for inner ear decompression sickness	2003
17	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
18	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

2004 - 2005			
3	Alf O. Brubakk, Zeljko Dujic, Darko Duplancic, and 7 other authors	Aerobic exercise before diving reduces venous gas bubble formation in humans	2004
7	Valerie Flook,	Yoyo diving and the risk of decompression illness https://www.hse.gov.uk/research/rrhtm/rr214.htm (Francis)	2004
11	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
12	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
16	Butler	Caisson disease during the construction of the Eads and Brooklyn Bridges: A review.	2004
18	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
20	UK HSE	Excursion tables in saturation diving decompression implications of current UK practice	2004
21	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
23	Imbert (Jean pierre), Hugon (J.), & Paris (D.)	The arterial bubble model for decompression tables calculations	2004
24	Charles B. Toner, & Robert Ball	The effect of temperature on decompression and decompression sickness risk: A critical review	2004
25	K. Kohshi, R. M. Wong, H. Abe, T. Katoh, T. Okudera, & Y. Mano	Neurological manifestations in Japanese Ama divers	2004
26	HD Van Liew, & ET Flynn	Graphical analysis: Decompression tables and dive-outcome data	2004
27	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
29	W Padilla, H B Newton, S Barbosa)	Weber's syndrome and sixth nerve palsy secondary to decompression illness: A case report.	2005-03
32	David M. Dromsky, Bruce D. Spiess, & Andreas Fahlman	Treatment of Decompression Sickness in Swine with Intravenous Perfluoorocarbon Emulsion	2005
36	John B. West	Robert Boyle's landmark book of 1660 with the first experiments on rarified air	2005
38	R.W. Bill Hamilton	Improving decompression with custom table design	2005
39	James T. Webb, Andrew A. Pilmanis, ULF I. Balkdin, & Joseph R. Fisher	Altitude Decompression Sickness Susceptibility: Influence of Anthropometric and Physiologic Variables	2005
41	R. Klos	Validation of decompression schedules for the Polish Navy	2005
42	JP Imbert	Deep diving: The comex experience	2005
47	Manfred R. Enstipp, David Grémillet, & Svein-Håkon Lorentsen	Energetic costs of diving and thermal status in European shags (Phalacrocorax aristotelis)	2005
49	Jean-Eric Blatteau, Emmanuel Gemppe, Francois-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			
3	Andreas Fahlman and David M. Dromsky	Dehydration Effects on the Risk of Severe Decompression Sickness in a Swine Model	2006-02
5	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
6	Zeljko Dujic, Ivan Palada, Darko Duplancic, Ante Obad, & 2 Scientists	Exogenous Nitric Oxide and Bubble Formation in Divers	2006
7	Andreas Fahlman, David M. Dromsky	Dehydration Effects on the Risk of Severe Decompression Sickness in a Swine Model	2006
9	A. Landolfi, Z.J. Yang, F. Savini, and 3 other scientists	Pre-treatment with hyperbaric oxygenation reduces bubble formation and platelet activation	2006
12	Jean-Eric Blatteau, Jean-Baptiste Souraud, Emmanuel Gempp, & Alain Bousuges	Gas nuclei, their origin, and their role in bubble formation	2006
13	A. Møllerlökken, 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
14	Michael Chappell	Modelling and Measurement of Bubbles in Decompression Sickness	2006
17	Sandro Longo	The effects of air bubbles on ultrasound velocity measurements	2006
18	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
20	Jan Risberg	The relative safety of forward and reverse diving profiles	2006
21	I Grover	The SANDHOG criteria and its validation for the diagnosis of DCS arising from bounce diving.	2006
22	H.B. Newton, W. Padilla, J. Burkart, D. K. Pearl	Neurological manifestations of decompression illness in recreational divers - the Cozumel experience	2006-11
25	R. Arieli, P. Svidovsky, & A. Abramovich	Decompression sickness in the rat following a dive on trimix: recompression therapy with oxygen vs. heliox and oxygen	2006-12
26	atih Ors, Guner Sonmez, Senol Yıldız, Gunalp Uzun & 3 scientists	Incidence of Ischemic Brain Lesions in Hyperbaric Chamber Inside Attendants.	2006
2007			
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
7	Zoran Valic, Ivan Palada, and Zeljko Dujic	Short-acting NO donor and decompression sickness in humans	2007-04
8	Saul Goldman	A new class of biophysical models for predicting the probability of decompression sickness in scuba diving	2007
9	O. Hyldegaard, T. Jensen	Effect of heliox, oxygen and air breathing on helium bubbles after heliox diving	2007
12	Neal W Pollock	Use of ultrasound in decompression research	2007
13	Wayne A. Gerth, David J. Doolette	VVal-18 and VVal-18M Thalmann Algorithm Air Decompression Tables and Procedures	2007
14	Jean-Eric Blatteau, Alain Bousuges, Emmanuel Gempp, Jean-Michel Pontier & 4 other scientists	Haemodynamic changes induced by submaximal exercise before a dive and its consequences on bubble formation	2007

15	Andreas Møllerløkken, Christian Gutvik, Vegard J. Berge, Arve Jørgensen & 2 other scientists	Recompression During Decompression and Effects on Bubble Formation in the Pig	2007
16	Ran Arieli	Heliox, nitrox, and trimix diving; hyperbaric oxygen treatment; and a flaw in Henry's law	2007
18	R B Wienke	Commentary on Viewpoint "Heliox, nitrox, and trimix diving; hyperbaric oxygen treatment; and a flaw in Henry's law"	2007
19	Olav Sande Eftedal	Ultrasonic detection of decompression induced vascular microbubbles	2007-09
21	Agot Irgens, Marit Grønning, Kari Troland, Endre Sunda, Harald Nyland, and Einar Thorsen	Reduced health-related quality of life in former North Sea divers is associated with decompression sickness	2007-09
22	C. A. Duplessis, D. Fothergill, D. Shwaller, & J. Gertner	Prophylactic statins as a possible method to decrease bubble formation in diving	2007
23	O. S. Eftedal, AS. Lydersen, & Alf O. Brubakk	The relationship between venous gas bubbles and adverse effects of decompression after air dives	2007
27	Ksenya Katsenelson, Yehuda Arieli, Amir Abramovich, Moshe Feinsod & Ran Arieli	Hyperbaric oxygen pretreatment reduces the incidence of decompression sickness in rats	2007
28	O. Hyldegaard, J. Madsen	Effect of hypobaric air, oxygen, heliox (50:50), or heliox (80:20) breathing on air bubbles in adipose tissue	2007
2008			
3	Melissa K. Brown, David C. Wilms	Heliox therapy	2008
5	Zeljko Dujic, Zoran Valic, Alf O. Brubakk	Beneficial role of exercise on SCUBA diving	2008
6	E Gempp, J E Blatteau, J-M Pontier, C Balestra, & P Louge	Preventive effect of pre-dive hydration on bubble formation in divers	2008
7	H.B. Newton, J. Burkart, D.K. Pearl, W. Padilla	Neurological Decompression Illness and Hematocrit: Analysis of a consecutive series	2008-03
11	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
12	Ian Millar, Peter G Mouldey	Compressed breathing air - The potential for evil from within	2008
14	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
17	DAN	DAN report on decompression illness, diving fatalities and project Dive Exploration: 2006 edition (based on 2004 data)	2008-06
18	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
19	Valerie Flook,	Decompression risks of excursions	2008
21	Undersea and Hyperbaric Medical Society	Decompression and the deep stop workshop	2008
24	Keith a. Gault	Potential benefits of navy dive computer use in ship husbandry diving: Analysis of dives conducted at puget sound naval shipyard	2008
25	Nico A.M. Schellart, Jan-Jaap Brandt Corstiu, Peter Germonpré, & Wouter Sterk	Bubble Formation After a 20-m Dive	2008
26	D Levett, & I L Milar	Bubble trouble: a review of diving physiology and disease	2008

27	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
29	Jean-Éric Blatteau, Emmanuel Gempp, Costantino Balestra, Tony Mets, & Peter Germonpre	Pre-dive Sauna and Venous Gas Bubbles Upon Decompression from 400 kPa	2008
32	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
36	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
38	Leigh A. Madden, & Gerard Laden	Gas bubbles may not be the underlying cause of decompression illness – The at-depth endothelial dysfunction hypothesis.	2008
2009 - 2010			
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
7	Jean-Michel Pontier, François Guerrero, Olivier Castagna	Bubble Formation and Endothelial Function Before and After 3 Months of Dive Training	2009
9	Emmanuel Gempp, Jean-Eric Blatteau	Risk factors and treatment outcome in scuba divers with spinal cord decompression sickness	2009
10	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
11	Frédéric Lemaître, Daniel Carturan, Claire Tourny-Chollet, & Bernard Gardette	Circulating Venous Bubbles in Children After Diving	2009
14	BR Bollinger, JC Wilbur, TG Donoghue, SD Phillips, & 4 scientists	Dual-frequency ultrasound detection of stationary microbubbles in tissue.	2009
17	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
18	T. Randsøe, & O. Hyldegaard	Effect of oxygen breathing and perfluorocarbon emulsion treatment on air bubbles in adipose tissue during decompression sickness	2009
19	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
20	Avid J Doolette, Wayne A Gerth, & Keith A Gault	Risk of central nervous system decompression sickness in air diving to no-stop limits	2009
21	Olivier Castagna, Emmanuel Gempp, & Jean-Eric Blatteau	Pre-dive normobaric oxygen reduces bubble formation in scuba divers	2009
22	Lang (Michael A.), Brubakk (Alf. O.)	The future of diving: 100 years of haldane and beyond	2009
23	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
24	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
25	Martin DJ Sayer, John AS Ross, & Colin M Wilson	Analysis of two datasets of divers with actual or suspected decompression illness	2009
27	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
29	Frederik Kragerud Goplen, Marit Grønning, Torbjørn Aasen tein Helge Glad Nordahl	Vestibular effects of diving - a 6-year prospective study	2009

30	Kim-Vdar Rasdal, Astrid Hjede, Andrea Mollerloken, Nina Lundset, & Alf Ottar Brubakk	Aortic Function in Rats After Decompression Without Ultrasonically Detectable Bubble Formation	2009-12
32	Frederic Lemaitre, Andreas Fallman, Bernard Gardette, & Kiyotaka Kohshi	Decompression sickness in breath-hold divers: A review	2009
34	Venkata M. Alla, Nagendra Natarajan, Manu Kaushik, Rugmini Warriar, & Chandra K. Nair	Paget-Schroetter Syndrome: Review of Pathogenesis and Treatment of Effort Thrombosis	2010
35	Chong Si Jack, Liang Weihao, Kim Soo Joang, & Kang Wee Lee	Future synergism in diving accident management: The Singapore model	2010
37	Le Feng, Christian R. Gutvik, Tor A. Johansen, Dan Sui	Barrier Function Nonlinear Optimization for Optimal Decompression of Divers.	2010
42	Jean-Eric Blatteau, E. Gemp, O. Simon, M. Coulange, & 12 scientists	Prognostic Factors of Spinal Cord Decompression Sickness in Recreational Diving: Retrospective and Multicentric Analysis of 279 Cases.	2010
43	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
45	Gezina T.M.L. Oei, Nina C. Weber, Markus W. Hollmann, & Benedikt Preckel	Cellular Effects of Helium in Different Organs	2010
47	V. Lobo, A. Patil, A. Phatak, & N. Chandra	Free radicals, antioxidants and functional foods: Impact on human health	2010
48	Saul Goldman	Free energy wells for small gas bubbles in soft deformable materials	2010
49	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
50	Mario Alaimo, Giuseppe Aiello, Eduardo Marino, Leila Zummo, & Francesco Cappello	Taravana: Documentation of Bubbles by Computerized Tomography	2010
51	Olivier Castagna, Emmanuel Gemp, & Jean-Eric Blatteau	Preconditioning methods and mechanisms for preventing the risk of decompression sickness in scuba divers: A review	2010
52	Olivier Castagna, Jeanick Brisswalter, Nicolas Vallee, & Jean-Eric Blatteau	Endurance exercise immediately before sea diving reduces bubble formation in scuba divers	2010
53	Wayne A. Gerth	Thalmann Algorithm Decompression Table Generation Software Design Document	2010
57	Marko Ljubkovic, Zeljko Dujic, Andreas Mollerloken, Darija Bakovic, & 4 scientists	Venous and Arterial Bubbles at Rest after No-Decompression Air Dives	2010
58	Rohit Verma	A case of decompression illness during saturation diving	2010
59	Stephen R. Thom, Ming Yang, Veena M. Bhopale, Shaohui Huang, & Tatyana N. Milovanova.	Microparticles initiate decompression-induced neutrophil activation and subsequent vascular injuries.	2010
60	Marko Ljubkovic, Jasna Marinovic, Ante Obad, and 4 scientists	High incidence of venous and arterial gas emboli at rest after trimix diving without protocol violations	2010
2011 - 2012			
2	M. Rozložnik, 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
6	Christian R Gutvik, Tor Arne Johansen, & Alf O Brubakk	Optimal Decompression of Divers [Applications of Control]	2011
7	A. Møllerløyken, 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

8	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
9	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
12	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
13	Marko Ljubkovic, Jaksza Zanchi, Toni Breskovic, Jasna Marinovic, + 2 scientists	Determinants of arterial gas embolism after scuba diving	2011
14	Andreas Møllerlökken, 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
15	Jasna Marinovic, Marko Ljubkovic, Toni Breskovic, and 6 other scientists	Effects of successive air and nitrox dives on human vascular function	2011
17	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
18	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
24	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
26	N.A.M. Schellart, W. Sterk	Venous gas embolism after an open-water air dive and identical repetitive dive	2012
27	Nicolas Vallee, Cédric Meckler, Jean-Jacques Risso, & Jean-Eric Blatteau	Neuroprotective role of the TREK-1 channel in decompression sickness	2012
31	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
32	Doolette (david J.), Gerth (Wayne A.)	VVal-79 Maximum permissible tissue tension table for Thalmann algorithm support of air diving.	2012
35	Masaki Fujioka, Daisuke Niino, Masahiro Ito, & Yohjiro Matsuoka	Fatal Paradoxical Air Embolism Diagnosed by Postmortem Imaging and Autopsy	2012
41	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
42	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
43	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
47	Mayuree Sampanthavivat, Wararat Singkhwa, Thanasawat Chaiyakul, Sangdaw Karoonyawanich, and Haruthai Ajpru	Hyperbaric oxygen in the treatment of childhood autism: a randomised controlled trial	2012
49	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
50	Emmanuel Gempp, Jean Morin, Pierre Louge, & Jean Eric Blatteau	Reliability of Plasma D-Dimers for Predicting Severe Neurological Decompression Sickness in Scuba Divers	2012
51	R. Arieli, & A Marmur	Dynamics of gas micronuclei formed on a flat hydrophobic surface, the predecessors of decompression bubbles.	2012
56	Ingrid Eftedal, Arve Jørgensen, Ragnhild Røsbjorgen, Arnar Flatberg, & Alf O. Brubakk	Early genetic responses in rat vascular tissue after simulated diving	2012
57	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
5	Jean-Eric Blatteau, Alf O. Brubakk, Emmanuel Gempp, Olivier Castagna, & 2 other scientists	Sildenafil Pre-Treatment Promotes Decompression Sickness in Rats	2013
6	David J. Doolette, Wayne A. Gerth	Safe inner ear gas tensions for switch from helium to air breathing during decompression	2013
9	Virginie Papadopoulou, Robert J. Eckersley, Costantino Balestra, Thodoris D. Karapantsios, & Meng-Xing Tang	A critical review of physiological bubble formation in hyperbaric decompression	2013
15	Thomas Randsoe, & Ole Hyldegaard	Threshold Altitude for Bubble Decay and Stabilization in Rat Adipose Tissue at Hypobaric Exposures	2013
16	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
17	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
18	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
21	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
22	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
26	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
27	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			
1	J.G. Swan, J.C. Wilbur, K.L. Moodie, S.A. Kane, & 6 scientists	Microbubbles are detected prior to larger bubbles following decompression	2014
2	Romuald Olszański, Piotr Radziwon, Jolanta Korsak, Piotr Siermontowski, & Mariusz Kozakiewicz	Evaluation of the risk of decompression sickness in divers	2014
3	Damien Fouan, Younes Achaoui, & Serge Mensah	Improvement of micro-bubble sizing using multi-harmonic excitations under 2 the transducer bandwidth constraint.	2014
4	Konstantinos Tasios, Georgios G Sidiras, Vasileios Kalentzos, & Athina Pyrpasopoulou	Cutaneous decompression sickness	2014
5	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
6	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
7	Philippa Welfare, Mark Little, Peter Pereira, & Jamie Seymour	An in-vitro examination of the effect of vinegar on discharged nematocysts of <i>Chronex fleckeri</i>	2014
8	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
9	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
10	Ross Di Colerto	Specific gravity as a monitoring tool in heat stress management.	2014

12	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
13	Richard E. Moon, & Simon Mitchell	Hyperbaric oxygen for decompression sickness: 2021 update	2014
14	Zeljko Dujk, Davor Eterovic, Pero Denoble, Goran Krstacic, & Jadranka Tocilj	Lung diffusing capacity in a hyperbaric environment: Assessment by a rebreathing technique	2014
15	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
22	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
23	Sami F. Khalil, Mas S. Mohktar, & Fatimah Ibrahim	The Theory and Fundamentals of Bioimpedance Analysis in Clinical Status Monitoring and Diagnosis of Diseases	2014
25	Virginie Papadopoulou, Meng-Xing Tang, Costantino Balestra, Robert J. Eckersley, & Thodoris D. Karapantsios	Circulatory bubble dynamics: From physical to biological aspects	2014
26	Rasool Zarezadeh 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
29	Wienke (B, R.)	Bubble model & decompression computations	2014
30	Danilo Cialoni, Massimo Pieri, Costantino Balestra, & Alessandro Marroni	Flying after diving: In-flight echocardiography after a scuba diving week	2014
31	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	Mircea Degeratu, Simona Rus, & Ana Ion	optimization of diving with Nitrox over-oxygenated breathing mixtures to depths of 15 to 50 metres	2015
6	Alain Boussuges, & Frauke Tillmans	Bubble measurement techniques	2015
12	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
14	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
15	Mircea Degeratu, Simona Rus, & Ana Ion	Optimization of diving with "nitrox" over-oxygenated breathing mixtures to depths of 15 to 40 metres.	2015
16	Peter Germonpré	Persistent (patent) foramen ovale (PFO): implications for safe diving	2015-06
19	Jacek Kot, Zdzislaw Sicko, Tadeusz Doboszynski	The Extended Oxygen Window Concept for Programming Saturation Decompressions Using Air and Nitrox	2015
20	Simon J Mitchell, David J Doolette	Pathophysiology of inner ear decompression sickness: potential role of the persistent foramen ovale	2015
24	Nick Bushell	Human Decompression Modelling	2015
26	Stephen R. Thom, Michael Bennett, Neil D. Banham, Walter Chin, + 18 scientists	Association of microparticles and neutrophil activation with decompression sickness.	2015
27	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

29	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
31	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
32	Jacek Kot, , Zdzislaw Sisko, & Tadeusz Doboszynski	The Extended Oxygen Window Concept for Programming Saturation Decompressions Using Air and Nitrox	2015
34	Dariusz Józwiak, Piotr Siermontowski, Zbigniew Dąbrowiecki, & Romuald Olszański	Analysis of the risk of diving accidents in military and recreational diving	2015
39	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
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
5	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 (Eumetopias jubatus): exploring a biomarker for decompression sickness	2016
8	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
9	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
11	Wienke BR, & O’Leary TR	Diving bubble model data correlations	2016
12	Jacky Lautridou, Vianney Pichereau, Sebastien Artigaud, Peter Buzzacott	Effect of simulated air dive and decompression sickness on the plasma proteome of rats	2016
15	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
20	D. Cialoni, M. Pieri, G. Giunchi, N. Sponiello, & 4 scientists	Detection of venous gas emboli after repetitive breath-hold dives: case report	2016
21	Constantino Balestra, Peter Germonpré	Correlation between Patent Foramen Ovale, Cerebral “Lesions” and Neuropsychometric Testing in Experienced Sports Divers: Does Diving Damage the Brain?	2016
23	SPUMS & EUBS	Venous gas emboli and decompression sickness	2016
24	Yara Bernado 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
26	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
30	Nikolaj Hjort Schmidt, Kasper Hansen, Henrik Lauridsen, Annie Vesterby, & 3 scientists	Remote ischaemic conditioning in a rat model subjected to decompression stress	2016
35	Vincent Souday, Nick J. Koning, Bruno Perez	Correction: Enriched Air Nitrox Breathing Reduces Venous Gas Bubbles after Simulated SCUBA Diving: A Double-Blind Cross-Over Randomized Trial	2016
37	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
38	Eugene V. Golanov, James M. Shiflett, & Gavin W. Britz	Diving response in rats: role of the subthalamic Vasodilator area	2016
39	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

2017			
1	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
3	Claire Walsh	Validation and development of extravascular bubble models for decompression sickness using collagen hydrogels.	2017-02
5	Andreas Fahlman	Allometric scaling of decompression sickness risk in terrestrial mammals; cardiac output explains risk of decompression sickness	2017
6	Kate Lambrechts, Costantino Balestra, Michaël Theron, Anne Henckes, & 5 scientists	Venous gas emboli are involved in post-dive macro, but not microvascular Dysfunction	2017
7	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
8	Laurens E. Howle, Paul W. Weber, Ethan A. Hada, Richard D. Vann, & Petar J. Denoble	The probability and severity of decompression sickness	2017
10	Pierre Lafère, Costantino Balestra, Dirk Caers, & Peter Germonpré	Patent Foramen Ovale (PFO), Personality Traits, and Iterative Decompression Sickness. Retrospective Analysis of 209 Cases	2017
13	Shopov Nikola, Vazharov Ivaylo	Factors influencing of the decompression risk upon divers	2017
18	Peter Germonpré, & Costantino Balestra	Preconditioning to reduce decompression stress in scuba divers	2017
19	C. Walsh, N. Ovenden, E. Stride, U. Cheema	Quantification of cell-bubble interactions in a 3D engineered tissue phantom.	2017
20	Thijs T. Wingelaar, Pieter-Jan A. M. van Ooij, Rob A. van Hulst	Oxygen toxicity and special operations forces diving: Hidden and dangerous	2017
21	Long Qing, Dinesh K. Ariyadewa, Hongjie Yi, Yewei Wang	Skin Lesions in Swine with Decompression Sickness: Clinical Appearance and Pathogenesis.	2017
23	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
26	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
27	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
31	Br Vienne, T O' Leary	On modern dive computers and operation protocols, models, tests, data, risk, and application.	2017
35	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
37	Lu Shi, Yan-meng Zhang, Katsuura Tetsuo, Zhong-yuan Sh, & 3 scientists	Simulated High Altitude Helium-Oxygen Diving	2017
38	Amy E. King, Gregory Murphy, Laurens E. Howle	Bimodal decompression sickness onset times are not related to dive type or event severity	2017
39	B.R. Wienke, & T.R. O'Leary	Dive computer data and risk estimator	2017
40	Lu Shi, Yan-meng Zhang, Katsuura Tetsuo, Zhong-yuan Shi, & 3 scientists	Simulated High Altitude Helium-Oxygen Diving	2017
41	Krzysztof Korzeniewski, & arosław Krzyżak)	Travel medicine for divers	2017
2018			

1	F. Gregory Murphy, Ashleigh J. Swinger, Wayne A. Gerth, & Laurens E. Howle	Iso-Risk Air No Decompression Limits after Scoring Marginal Decompression Sickness Cases as Non-Events	2018
6	Giuseppe Accurso, Andrea Cortegiani, Sabrina Caruso, Oriana Danile, & 6 scientists	Two episodes of Taravana syndrome in a breath-hold diver with hyperhomocysteinemia	2018
10	Wienke (B. R.), & O'Learly	Deep stops and shallow stops – Fact and fancy	2018
12	Antonin Povolny, Hiroshige Kikura, & Tomonori Ihara	Ultrasound Pulse-Echo Coupled with a Tracking Technique for Simultaneous Measurement of Multiple Bubbles	2018
15	Mikael Gennser, S. L. Blogg, Ola Eiken, Igor B. Mekjavic	Indices of Increased Decompression Stress Following Long-Term Bed Rest.	2018
19	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
20	Ahmed Mohammed Aldakhil, Abdullah Faraj Alshammari, & Sattam Saad Alshammari	Dental and Temporomandibular Joint Problems among SCUBA Divers in Jeddah, KSA	2018
21	Pieter Jan AM van Ooij)	Decompression sickness, fatness and active hydrophobic spots	2018
23	Ran Arieli	Taravana, vestibular decompression illness, and autochthonous distal arterial bubbles	2018
24	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
26	B. R. Wienke, & T. R. O'Leary	On Bubble Regeneration and Broadening with Implications for Decompression Protocols.	2018
27	Asadullah Naqvi, and Derrick Clarence	A case of decompression illness not responding to hyperbaric oxygen	2018-09
32	Pierre Boudinet	A New Dynamical Theory of Decompression	2018
33	B.R. Wienke	Dive Computer Profile Data and on the Fly and End of Dive Risk Estimators	2018
35	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
3	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
8	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
9	Stanisław Skrzyński	Poland's path towards decompression realization in underwater works part 2. decompression tables for commercial deep sea diving in Poland	2019
14	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
15	Tobias Cibis, Alistair McEwan, Arne Sieber, Bjoern Eskofier, Karl Friedl, & Michael Bennett	Diving Into Research of Biomedical Engineering in Scuba Diving	2019
17	Ashish Tawar, P. Gokulkrishnan	Decompression illness	2019
20	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

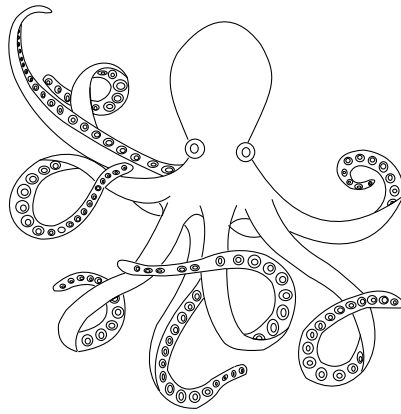
21	Ran Arieli	In vitro evidence of decompression bubble dynamics and gas exchange on the luminal aspect of blood vessels: Implications for size distribution of venous bubbles	2019
26	Ivana Šegrt Ribičić, Maja Valić, Joško Božić, Ante Obad, & 3 scientists	Influence of oxygen enriched gases during decompression on bubble formation and endothelial function in self-contained underwater breathing apparatus diving: a randomized controlled study	2019
27	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
29	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
31	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
39	Dirk Mayer, & Katja Bettina Ferenz	Perfluorocarbons for the treatment of decompression illness: how to bridge the gap between theory and practice	2019
40	B. R. Wienke, T. R. O' Leary	Downs and Ups of Decompression Diving: a Review	2019
41	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
43	Muhammad Imran Qadir, & Hira Naeem Qureshi)	Is there any Association between Urine Specific Gravity and Stress Eating?	2019
2020			
6	Amy Elizabeth King	Multinomial Probabilistic Modeling for Decompression Sickness using Gas Content and Bubble Volume Models	2020
7	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
12	tecia-Marie P. Fletcher, Natalia Ogradnik, & Meaghan A. O'Reilly	Enhanced Detection of Bubble Emissions Through the Intact Spine for Monitoring Ultrasound-Mediated Blood-Spinal Cord Barrier Opening	2020
14	Amy E. King, Laurens E. Howle	Tetranomial decompression sickness model using serious, mild, marginal, and non-event outcomes	2020
16	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
18	Kåre Segadal, & Andreas Møllerlökken	Emergency decompression from heliox saturation dives	2020
24	Richard Clarke	Monoplace chamber treatment of decompression illness: Review and commentary	2019
26	Oliwia Pińkowska	Risk factors of decompression sickness in scuba diving	2020-09
32	Daniel Popa, Anthony Medak, Walter Chin, Oswaldo Huchim-Lara, & Evelyne Fliszar	Dysbaric osteonecrosis (DON) among the artisanal diving fishermen of Yucatán, Mexico.	2020
34	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
35	Abdullah Arjomand, James R. Holm, and Anthony J. Gerbino	Severe Decompression Sickness Associated with Shock and Acute Respiratory Failure	2020-11
39	Huseyin Karakaya, Serkan Aksu, Salih Murat Egi, Salih Aydin, & Atilla Uslu	Effects of Hyperbaric Nitrogen Narcosis on Cognitive Performance in Recreational air SCUBA Divers: An Auditory Event-related Brain Potentials Study.	2020
41	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
2021 - part A			

2	Andreas Fichtner, Benedikt Brunner, Thomas Pohl, Thomas Grab, Tobias Fieback, & Thea Koch	Estimating Inert Gas Bubbling from Simple SCUBA Diving Parameters	2021
4	David Q. Le, Paul A. Dayton, Frauke Tillmans, John J. Freiburger, & 3 scientists	Ultrasound in decompression research: Fundamentals, considerations, and future technologies	2021
7	Jan Risberg	Acclimatization to diving: a systematic review	2021
19	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
30	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
32	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
10	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
11	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
14	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
24	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
32	Ran Arieli	Endothelial Injury in Diving: Atomic Force-, Electronic-, and Light-Microscopy Study of the Ovine Decompressed Blood Vessels	2021
34	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
35	Roxane Monnoyer, Jacky Lautridou, Sanjoy Deb, Astrid Hjelde, & Ingrid Eftedal	Using Salivary Biomarkers for Stress Assessment in Offshore Saturation Diving: A Pilot Study	2021
36	Yiqing Li, Junwu Wu, Leijie Fu, & Jinju Wang	A Fast Bubble Detection Method in Microtubes Based on Pulsed Ultrasound.	2021
2022 - part A			
14	Sergio A Angelini, Lorenzo Tonetto, & Michael A Lang	Ceiling-controlled versus staged decompression: comparison between decompression duration and tissue tensions.	2022
19	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
21	Simon J. Mitchell, Michael H. Bennett, & Richard E. Moon	Decompression Sickness and Arterial Gas Embolism	2022
26	Ran Ariel	The increased protein tau in blood after SCUBA diving can be related to distal arterial bubbles	20122
27	Sérgio Rhein Schirato, Vitor Silva, Kátia Iadocicco, Alessandro Marroni & 3 scientists	Post-decompression bubble and inflammation interactions: a non-extensive dynamical system model	20122
34	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
38	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
46	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
8	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
18	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
23	Seher Kurtul, Nejdiye Güngördü	Dysbaric osteonecrosis in diving fisherman: a case report	2022
25	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
48	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
49	Muhammad Aulia, Hikmah Romadoni, Dwi Rahmat, & Eka Aric Yuliyani)	Inner ear decompression illness in divers	2022
2023 - Part A			
5	Ran Arieli	Distal arterial bubble: an alternative mechanism underlying vestibular decompression illness.	2023-01
12	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
22	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
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
15	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
19	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
25	Jan Risberg, Pieter-Jan van Ooij, & Olav Sande Eftedal	Decompression procedures for transfer under pressure ('TUP') diving	2023-09
33	Benjamin Simonnet, Romain Roffi, Henri Lehot, Jean Morin, & 7 scientists	Therapeutic management of severe spinal cord decompression sickness in a hyperbaric center	2023-09
34	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
40	U.S. Department of Health and Human Services	What is a Doppler ultrasound?	2023-10
41	Abigail G. Harrell, Stephen R. Thom	Dissolved gases from pressure changes in the lungs elicit an immune response in human peripheral blood	2023-10
43	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
44	Tolga AKI, Neşe ALKAN	Predictors of Competitive Dynamic Apnea Performance in Elite Free Diving Athletes	2023-11

2024			
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
8	Taylor Diederich, Allyson M. Briggs, Adrienne Malik, & Bryan Beaver	Occupational decompression sickness: A case report	2024-02
9	Elsye Fitriasaki, Ni Komang Sri Dewi Untari, & Nasywa Annisa Fitra	Risk Factors For Decompression Sickness	2024-02
11	Jean-Pierre Imbert, Lyubisa Matity, Jean-Yves Massimelli, & Philip Bryson	Review of saturation decompression procedures used in commercial diving	2024-03
17	Simon J Mitchell	Decompression illness: a comprehensive overview	2024-03
21	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
22	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
26	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

Gasses



<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Topic discussed</i>	<i>Year publication</i>
Early times to 1959				
9	Joseph Priestley	Observations on different kinds of air	oxygen	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	Oxygen	1776
12	John Dalton	Experimental essays - On the constitution of mixed gas	other gasses	1660
18	Bert (Paul)	la pression barometrique	Deco / Oxygen	1878
19	Paul Bert	Barometric pressure	Deco / Oxygen	1878
20	John Scott Haldane	The action of carbonic acid on man	other gasses/ Cardio-respiratory	1895
22	John Scott Hadane, J. Lorrain smith	The oxygen tension of arterial blood	oxygen	1896
23	James Lorrain Smith	The pathological effects due to increase of oxygen tension in the air breathed	Oxygen	1899
24	Joseph Barcroft, John Scott Haldane	Method of estimating the oxygen and carbonic acid in small quantities of blood	oxygen/other gasses	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	deco/oxygen	1907
26	W. A. Osborne	The Haldane-Smith method of estimating the oxygen tension of the arterial blood	oxygen	1907
31	John W. Bean	Effects of oxygen at increased pressure	Oxygen	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	Oxygen	1945
33	Kenneth W. Donald	Oxygen poisoning in man	Oxygen	1945-05
34	F. Dickens	The Toxic Effects of Oxygen on Brain Metabolism and on Tissue Enzymes	Oxygen	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	Oxygen	1947-12
1960 - 1979				
10	Fenton Shaffner, & Philip Felig	Change in hepatic structure in rats produced by breathing pure oxygen	Oxygen	1965-12
13	Banks Anderson	Ocular Effects of Changes in Oxygen and Carbon Dioxide Tension	Oxygen	1968-06
14	Charles W., Nichols, MD, C Lambertsen	Transient unilateral loss of vision associated with oxygen at high pressure	Oxygen	1968
16	Enid R. Kafer	Pulmonary oxygen toxicity: A review of the evidence for acute and chronic oxygen toxicity in man	Oxygen	1971
18	W. Brandon Wright	Use of the university of Pennsylvania, institute for environmental medicine - Procedure for calculation of cumulative pulmonary oxygen toxicity	Oxygen	1972
55	Britton Chance, Helmut Sies, & Alberto Boveris	Hydroperoxide Metabolism in Mammalian Organs	Oxygen	1979-07
1980 to 1985				
7	Bruce A. Freeman & James D. Crapo	Hyperoxia Increases Oxygen Radical Production in Rat Lungs and Lung Mitochondria	Oxygen	1981-06
13	Bruce A. Freeman & James D. Crapo	Biology of Disease - Free Radicals and Tissue Injury	Oxygen	1982-12

42	DR Leitch, JM Hallenbeck	Oxygen in the treatment of spinal cord decompression sickness	deco/oxygen	1985
1986 - 1989				
2	Butler	Central nervous system oxygen toxicity in closed circuit scuba divers III	Oxygen	1986
3	F.K. Butler	Central nervous system oxygen toxicity in closed circuit scuba divers 3	Oxygen	1986-03
6	Peter Edel	Evaluation of the use of hydrogen-oxygen as a breathing gas in deep-sea diving	Other gasses	1986
8	Andrea Harabin, D Homer, Paul K Weathersb, E T Flynn	Predicting pulmonary O2 toxicity: A new look at the unit pulmonary toxicity dose	Oxygen	1986
13	C.J. Lambertsen, J.M. Clark, R. Gelfand, J.B. Pisarello, & 8 scientists	Definition of Oxygen Tolerance in Man - Predictive Studies V	oxygen	1987
23	R.W. Hamilton	Tolerating Exposure to High Oxygen Levels: Repex and Other Methods	Oxygen	1987
25	O. Hyldegaard, J. Madsen	Influence of heliox, oxygen, and N2O; breathing on N2 bubbles in adipose tissue	Oxygen / Deco	1989
1990 - 1995				
9	Lambertsen C.J., Clark J.M.	Extension of oxygen tolerance in man	Oxygen	1991
22	Tim D. Oury, Ye-Shih Ho, Claude A. , and James D. Crapo	Extracellular superoxide dismutase, nitric oxide, and central nervous system O2 toxicity	Oxygen	1992-07
25	A L Harabin	Human central nervous system oxygen toxicity data from 1945 to 1986	Oxygen	1993
33	E.I Eger, J. Liu, D. D. Koblin, M.J. Laster, S. Taheri, M.J. Halsey, P Ionescu, B.S. Chortkoff, and T. Hudlicky	Molecular Properties of the "Ideal" Inhaled Anesthetic: Studies of Fluorinated Methanes, Ethanes, Propanes, and Butanes	other gasses	1994-02
34	M.W.J. Cleeter, J.M. Coopefib, V.M. Darley-Usmard, S. Moncadad, & A.H.V. Schapira	Reversible inhibition of cytochrome c oxidase, the terminal enzyme of the mitochondrial respiratory chain, by nitric oxide	Oxygen	1994-04
37	R.B. Philp, D.J. Melver	Effects of Elevated Pressure and Narcotic Gases on Calcium Dependent Cell Functions.	Other Gasses	1994
48	D Kerem, Y. I. Daskalovic, R Arieli, & A Shupak	CO2 retention during hyperbaric exercise while breathing 40/60 nitrox.	Gasses	1995
1996 - 1999				
2	Paul K Weathersby	Statistically Based Decompression Tables IX: Probabilistic Models of the Role of Oxygen in Human Decompression Sickness	Oxygen / Deco	1996
7	Zexu Fang, James Sonner, Michael J. Laster, Pompei Ionescu, Lori Kandel, Donald D. Koblin, Edmond I Eger and Michael J. Halsey	Anesthetic and Convulsant Properties of Aromatic Compounds and Cycloalkanes: Implications for Mechanisms of Narcosis	other gasses	1996-11
8	Joseph S. Beckman, & Willem H. Koppenol	Nitric oxide, superoxide, and peroxyntirite: the good, the bad, and the ugly	Oxygen	1996-11
10	R. Arieli, & A. Gutterman	Recovery time constant in central nervous system O2 toxicity in the rat	Oxygen	1996
13	Val Vallyathan & Xianglin Shi	The Role of Oxygen Free Radicals in Occupational and Environmental Lung Diseases	Oxygen	1997-02
19	Bruce W. Hamill, James E. Hendrix, Loring J. Crepeau & Jerry D. Pelton, Matthew D. Miley & Eliz. E. Kadlec	Speech intelligibility assessment in a helium environment. II. The speech intelligibility index	Other	1997
21	Irwin Fridovich	Superoxide Anion Radical (O2), Superoxide Dismutases, and Related Matters	Oxygen	1997-07
22	G. Racic, P.J. Denoble, N. Srem, L. Bojic, and B. Bota	Hyperbaric oxygen as a therapy of Bell's palsy	Oxygen	1997
29	Leopold Schmetterer, Oliver Findl, Karin Strenn, Ursula Graselli, Johannes Kastner, Hans-Georg Eichler, and Michael Wolzt	Role of NO in the O2 and CO2 responsiveness of cerebral and ocular circulation in humans	Oxygen / other gasses	1997-12

30	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	Oxygen	1998-01
33	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)	Hypoxia	1998
37	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	Cardio respiratory / other gasses	1998-07
55	Juan Jose Poderoso, Constanza Lisdero, Francisco Schopfer, Natalia Riobo, Maria Cecilia Carreras, Enrique Cadenas, and Alberto Boveris	The Regulation of Mitochondrial Oxygen Uptake by Redox Reactions Involving Nitric Oxide and Ubiquinol	Oxygen	1999-10
59	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	Oxygen	1999
2000 - 2002				
3	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	Oxygen	2000-04
14	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	Oxygen	2000-12
18	Divers Alert Network, Durham	DAN Nitrox workshop proceeding	Oxygen / Deco	2001
24	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	Oxygen	2001-09
27	Anuj Chawla, Ak Lavania	Oxygen Toxicity	Oxygen	2001
28	Wulf Droge	Free Radicals in the Physiological Control of Cell Function	Oxygen	2002-01
41	Russell P. Bowler, James D. Crapo	Oxidative stress in allergic respiratory diseases	Oxygen	2002
43	Y. Arieli, R. Arieli, A. Marx, R. Arieli,	Hyperbaric oxygen may reduce gas bubbles in decompressed prawns by eliminating gas nuclei	Oxygen / Deco	2002
45	Ulrik Wisløff, Russell S. Richardson, & Alf O. Brubakk	NOS inhibition increases bubble formation and reduces survival in sedentary but not exercised rats.	Oxygen	2002
2003				
3	S. Skogland, L.E.B. Stuhr, H. Sundland, S. Marstein, A. Hope	Increased oxygen before and during decompression reduces bubble formation in rats	Oxygen / Deco	2003-02
7	Michael G Costigan	Hydrogen Sulfide: UK Occupational Exposure Limits	other gasses	2003-04
9	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	Oxygen/other gasses	2003
12	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 hypocapnia at 1 ATA.	Oxygen	2003
15	Mirit Eynan, Yehuda Arieli, Ran Arieli, Arieth Bomzon	Hyperoxia May Reduce Energetic Efficiency in the Trained Rat	Oxygen	2003
19	Ahmet Korkmaz, Şükrü Öter, Salih Deveci, Taner Özgürtaş, Turgut Topal, Serdar Sadr, and Hayati Bilgiç	Involvement of Nitric Oxide and Hyperbaric Oxygen in the Pathogenesis of Cyclophosphamide-Induced Hemorrhagic Cystitis in Rats	Oxygen	2003-12
2004 - 2005				
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?	oxygen	2004-03
5	M. Marczak, M. Pokorski	Oxygen breathing and ventilation	Oxygen	2004
8	R. Arieli, O. Ertracht, I. Oster, A. Vitenstein, and Y. Adir	Effects of nitrogen and helium on CNS oxygen toxicity in the rat	Oxygen	2004-05
10	Stephen J. Cringle and Dao-Yi Yu	Intraretinal Oxygenation and Oxygen Consumption in the Rabbit during Systemic Hyperoxia	Oxygen	2004-05

13	N Bitterman	CNS oxygen toxicity	Oxygen	2004
15	A.L Gill & C.N.A. Bell	Hyperbaric oxygen: its uses, mechanisms of action and outcomes	Oxygen	2004-07
17	Makoto Ikeda, Kazohiko Nakabayashi, Masaharu Shinkai, Yukihiko Hara, Takako Kizaki, Shujiho Hiji Oh-Ishi, and Hideki Ohno	Supplementation of Antioxidants Prevents Oxidative Stress during A Deep Saturation Dive	Oxygen	2004-08
19	B. Shykoff	Repeated four hour dives with po ₂ = 1.35 atm	Oxygen	2004
22	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	Oxygen	2004-09
28	Lambertsen (Christian J.), J.M Clark, 7 A. B. Troxel	Optimization of oxygen tolerance extension in rats by intermittent exposure	Oxygen	2005
40	Richard A. Neubauer, Virginia Neubauer, & Franz Gerstenbrand	Late Treatment of Severe Brain Injury with Hyperbaric Oxygenation	Oxygen	2005
43	Page R Painter	Allometric scaling of the maximum metabolic rate of mammals: Oxygen transport from the lungs to the heart is a limiting step.	Oxygen / Physiology	2005
46	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	Oxygen	2005-11
48	B. Shykoff	two consecutive five-day weeks of daily four-hour dives with oxygen partial pressure 1.4 atm	Oxygen	2005
2006				
8	I.T. Demchenko, C.A. Piantadosi	Nitric oxide amplifies the excitatory to inhibitory neurotransmitter imbalance accelerating oxygen seizures	Oxygen	2006-05
10	Bernadette P. Cabigas, Jidong Su, William Hutchins, Yang Shi, Richard B. Schaefer, René F. Recinos, Vani Nilakantan, Eric Kindwall, Jeffrey A. Niezgod, John E. Baker	Hyperoxic and hyperbaric-induced cardioprotection: Role of nitric oxide synthase 3	Oxygen	2006-06
15	B.R. Wienke, & Tim O'Leary	To Burn or not burn - High oxygen mixtures	Oxygen	2006
19	Daniel Mathieu	Handbook on Hyperbaric Medicine	Oxygen	2006
23	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	Oxygen	2006-11
24	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	Oxygen	2006
2007				
4	Guy C. Brown, Vilmante Borutaite	Nitric oxide and mitochondrial respiration in the heart	Oxygen	2007-03
6	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	Oxygen	2007-04
17	John Hedley-Whyte	Pulmonary Oxygen Toxicity: Investigation and Mentoring	Oxygen	2007
24	Barbara Shykoff	Three hours dives with exercise while breathing oxygen partial pressure of 1.3 atmospheres	Oxygen	2007
27	Ksenya Katsenelson, Yehuda Arieli, Amir Abramovich, Moshe Feinsod & Ran Arieli	Hyperbaric oxygen pretreatment reduces the incidence of decompression sickness in rats	Oxygen / Deco	2007
2008				
10	Steve Selvin	Survival Analysis for Epidemiologic and Medical Research	Various/ Oxygen	2008
13	Akin Savas Toklu, Sefika Korpınar, Mustafa Erelel, Gunalp Uzun, & Senol Yildiz	Are pulmonary bleb and bullae a contraindication for hyperbaric oxygen treatment?	Oxygen	2008
28	Stephen R. Thom	Oxidative stress is fundamental to hyperbaric oxygen therapy	Oxygen	2008

30	Barry W. Allen, Ivan T. Demchenko, and Claude A. Piantadosi	Two faces of nitric oxide: implications for cellular mechanisms of oxygen toxicity	Oxygen	2008-10
32	T. Randsøe, T. M. Kvist, & O. Hyldegaard	Effect of oxygen and heliox breathing on air bubble in adipose tissue during 25 Kpa altitude exposures	oxygen / Deco	2008
34	Yoram Etzion, Amir Mor, & Yoram Grossman	Differential modulation of cerebellar climbing fiber and parallel fiber synaptic responses at high pressure	Various/ Oxygen	2008-11
2009 - 2010				
15	Eliana Lucchinetti, Johannes Wacker, Christian Maurer, Marius Keel, Luc Harter, Kathrin Zaugg, Michael Zaugg	Helium Breathing Provides Modest Antiinflammatory, but No Endothelial Protection Against Ischemia-Reperfusion Injury in Humans In Vivo	other gasses	2009-07
18	T. Randsøe, & O. Hyldegaard	Effect of oxygen breathing and perfluorocarbon emulsion treatment on air bubbles in adipose tissue during decompression sickness	Oxygen / Deco	2009
21	Olivier Castagna, Emmanuel Gempp, & Jean-Eric Blatteau	Pre-dive normobaric oxygen reduces bubble formation in scuba divers	Oxygen / Deco	2009
31	Philip D Loetsche, Jan Rossaint, Rolf Rossaint, Joachim Weis, Michael Fries, Astrid Fahlenkamp, Yu-Mi Ryang, Oliver Grottko, and Mark Coburn	Argon: Neuroprotection in in vitro models of cerebral ischemia and traumatic brain injury	other gasses	2009-12
36	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	Oxygen	2010
38	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	other gasses	2010-05
44	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 H2S Gas Biology	other gasses	2010-07
46	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	Oxygen	2010
47	V. Lobo, A. Patil, A. Phatak, & N. Chandra	Free radicals, antioxidants and functional foods: Impact on human health	Oxygen / deco/ physiology	2010
54	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	Oxygen	2010-10
61	Ivan T. Demchenko, S. Yu Zhilyaev, A.N. Moskvina, Claude A. Piantadosi, and Barry W. Allen	Autonomic activation links CNS oxygen toxicity to acute cardiogenic pulmonary injury	Oxy	2010
62	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	oxygen	2010-12
2011 - 2012				
12	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	Deco / Oxygen	2011
19	Austin Cope, Joan V Eggert, Erin O'Brien	Retinal artery occlusion: Visual outcome after treatment with hyperbaric oxygen	Oxygen	2011
20	S Lesley Blogg, Mikael Gennser	The need for optimisation of post-dive ultrasound monitoring to properly evaluate the evolution of venous gas embol	Oxygen	2011
21	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	Oxygen	2011
22	Christian Mehl, Frank Heblch, Rudolf Lenz, Klaus Ludwig, and Matthias Kern	The influence of a hyperbaric environment and increased oxygen partial pressure on the corrosion of dental alloys	Oxygen	2011
23	Denis A. Tolstun, Khachik K. Muradian, Vladislav V. Bezrukov	Therapeutic hypercapnia. Review	Oxygen	2011
29	Helene N. David, Benoit Haelewyn, Mickael Degoulet, Denis G. Colomb, Jean-Jacques Rizzo, Jacques H. Abraini	Ex Vivo and In Vivo Neuroprotection Induced by Argon When Given after an Excitotoxic or Ischemic Insult	Other gasses	2012-02
33	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	Oxygen	2012-03
34	Haim Bitterman	Optimization of intermittent oxygen/air exposure protocols prolongs the safe use of hyperoxia	Oxygen	2012
44	Assim A. Alfadda, and Reem M. Sallam	Reactive Oxygen Species in Health and Disease	Oxygen	2012-07

46	Mikulas Chavko, Usmah Kawoos, Saleena Adeeb, Jason Lankasky, Charles R. Auker, Richard M. McCarron	Optimization of intermittent hyperbaric oxygen exposures by duration of oxygen cycles	Oxygen	2012-07
55	Megan Brenner, Deborah Stein, Peter Hu, And 3 other scientists	Association Between Early Hyperoxia and Worse Outcomes After Traumatic Brain Injury	Oxygen	2012
2013				
7	Alexander D Cornet, Albertus J Kooter, Mike JL Peters, & Yvo M Smulders	The potential harm of oxygen therapy in medical emergencies	Oxygen	2013
12	Sigrid Theunissen, Nicola Sponsiello, Miroslav Rozloznic, Peter Germonpré, François, Guerrero, Danilo Cialoni and Costantino Balestra	Oxidative stress in breath-hold divers after repetitive dives	Oxygen	2013-06
24	Arve Jørgensen, Philip P. Foster, Alf O. Brubakk, & Ingrid Eftedal	Effects of hyperbaric oxygen preconditioning on cardiac stress markers after simulated diving	Oxygen	2013
27	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	Oxygen / Deco	2013
2014				
13	Richard E. Moon, & Simon Mitchell	Hyperbaric oxygen for decompression sickness: 2021 update	Deco/oxygen	2014
16	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	Oxygen	2014
17	Stephen R. Thom, Veena M. Bhopale, Ming Yang	Neutrophils Generate Microparticles during Exposure to Inert Gases Due to Cytoskeletal Oxidative Stress.	Oxygen	2014
20	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	Oxygen	2014-09
21	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	Oxygen	2014-09
24	Undersea and Hyperbaric Medical Society	Hyperbaric Oxygen Therapy Indications Thirteenth Edition The Hyperbaric Oxygen Therapy Committee Report	Oxygen	2014
27	Jason M. Valadao, John A. Vigilante, Nicholas W. DiGeorge, Sunila E. O'Connor, + 6 scientists	Ketogenic diet for high partial pressure oxygen diving	Oxygen	2014
32	Antonino Baez, Joseph Shiloach, & Tadeusz Doboszynski	Effect of elevated oxygen concentration on bacteria, yeasts, and cells propagated for production of biological compounds	Oxygen / Pathogens	2014
2015				
2	Mircea Degeratu, Simona Rus, & Ana Ion	optimization of diving with Nitrox over-oxygenated breathing mixtures to depths of 15 to 50 metres	Oxygen / deco	2015
5	James E Clark	Moving in extreme environments: inert gas narcosis and underwater activities	other gasses	2015-02
8	Bennett MH, Weibel S, Wasiaik J, Schnabel A, French C, Kranke P	Hyperbaric oxygen therapy for acute ischaemic stroke (Review)	Oxygen	2015-03
13	A. Sureda, J. M. Batle, J. A. Tur, A. Pons	Competitive apnea diving sessions induces an adaptative antioxidant response in mononucleated blood cells	Oxygen / Cardio respiratory	2015-05
15	Mircea Degeratu, Simona Rus, & Ana Ion	Optimization of diving with "nitrox" over-oxygenated breathing mixtures to depths of 15 to 40 metres.	Oxygen / Deco	2015
30	Barbara E. Shykoff	Residual oxygen time model for oxygen partial pressure near 130 kPa (1.3 atm)	Oxygen	2015
37	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	Various/ Oxygen	2015
40	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?	Oxygen	2015
2016				
4	Ozturk Handan, Aktas Samil	Hyperbaric oxygen and topical oxygen are different treatments	Oxygen	2016
16	S. K. Deb, P. A. Swinton, & E. Dolan	Nutritional considerations during prolonged exposure to a confined, hyperbaric, hyperoxic environment: recommendations for saturation divers.	Oxygen	2016

19	Wen-wu Liu, Cui-hong Han, Pei-xi Zhang, Juan Zheng, Kan Liu, Xue-jun Sun	Nitric oxide and hyperoxic acute lung injury	Oxygen	2016-06
26	John P. Florian, Ki H. Chon, Luca Faes, Barbara E. Shykoff	Breathing 100% oxygen during water immersion improves postimmersion cardiovascular responses to orthostatic stress	Oxygen / Deco	2016
28	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.	Oxygen	2016
31	Münire Kübra Özgök-Kangal, Iclal Karatop-Cesur, Gökhan Akcalı, Senol Yıldız, and Günalp Uzun	Requests for emergency hyperbaric oxygen treatment for carbon monoxide poisoning in Ankara, Turkey	Oxygen	2016
35	Vincent Souday, Nick J. Koning, Bruno Perez	Correction: Enriched Air Nitrox Breathing Reduces Venous Gas Bubbles after Simulated SCUBA Diving: A Double-Blind Cross-Over Randomized Trial	Oxygen / Deco	2016
2017				
11	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	Oxygen	2016
12	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	Oxygen	2017
16	Barbara Shykoff	UPTD calculations should not be used	Oxygen	2017
24	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	Oxygen / Physiology	2017
25	Dor Vadas, Leonid Kalichman, Amir Hadanny, & Shai Efrati	Hyperbaric Oxygen Environment Can Enhance Brain Activity and Multitasking Performance.	Oxygen	2017
32	Mark J Elder, John A Rawstron, Michael Davis	Hyperbaric oxygen in the treatment of acute retinal artery occlusion	Oxygen	2017
36	Jordan M Warchol, Jeffrey S Cooper, Thomas S Diesing	Hyperbaric oxygen-associated seizure leading to stroke	Oxygen	2017
2018				
2	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	Oxygen	2018
3	Gerardo Bosco, Alex Rizzato, Silvia Quartesan, Enrico Camporesi & 6 scientists	Effects of the Ketogenic diet in overweight divers breathing Enriched Air Nitrox	Oxygen / Physiology	2018
5	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	Oxygen	2018
9	Isaac Peña-Villalobos, Ignacio Casanova-Makdonado, Pablo Lois, & Catalina Prieto	Hyperbaric Oxygen Increases Stem Cell Proliferation, Angiogenesis and Wound-Healing Ability of WJ-MSCs in Diabetic Mice	Oxygen	2018
18	Joe KS Leung , Rex PK Lam	Hyperbaric oxygen therapy: its use in medical emergencies and its development in Hong Kong	Oxygen	2018
22	Barbara E. Shykoff, & John P. Florian	Pulmonary effects of repeated six-hour normoxic and hyperoxic dives	Oxygen	2018
25	Carelli M, Laurino M, Zaccaro A, Lai E, Passera M, & Gemignani A	The "Diving Brain": cognitive effects of inert gas narcosis	Narcosis	2018
2019				
4	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	Oxygen	2019
5	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	Oxygen	2019-03
11	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	Oxygen	2019
12	Ali Erdal Gunes, Samil Aktas	Effects of Hyperbaric Oxygen Therapy	Oxygen	2019
19	Amir Hadanny, Tal Zubari, Liat Tamir-Adler, Yair Bechor, & 6 scientists	Hyperbaric oxygen therapy effects on pulmonary functions: a prospective cohort study	Oxygen	2019

22	Ran Arieli	Pulmonary oxygen toxicity in saturation dives with PO ₂ close to the lower end of the toxic range - A quantitative approach	Oxygen	2019
24	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	Oxygen	2019
26	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	Oxygen / Deco	2019
28	Ran Arieli	Calculated risk of pulmonary and central nervous system oxygen toxicity: A toxicity index derived from the power equation	Oxygen	2019
30	Kaitlin N. Allen, & José Pablo Vázquez-Medina	Natural Tolerance to Ischemia and Hypoxemia in Diving Mammals: A Review	oxygen / cardio respiratory	2019-09
35	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	Oxygen	2018
36	Jonathan L. Halbach, James M. Prieto, Andrew W. Wang, & 10 other scientists	Early hyperbaric oxygen therapy improves survival in a model of severe sepsis	Oxygen	2019
37	M. Hobbs, W. Kneller	Effect of nitrogen narcosis on free recall and recognition memory in open water.	Narcosis	2019
38	Olivier Castagna, Cedric Bergmann, & Jean Eric Blatteau	Is a 12-h Nitrox dive hazardous for pulmonary function?	Oxygen	2019
2020				
2	Ben Aviner, Ran Arieli, & Alexandra Yalov	Power Equation for Predicting the Risk of Central Nervous System Oxygen Toxicity at Rest	Oxygen	2020
8	Tahreem Fatima	Chronicles of hyperbaric oxygen treatment	Oxygen	2020
9	Juan C Dapena, Corine A Lansdorp, & Simon J Mitchell	Persistent extravascular bubbles on radiologic imaging after recompression treatment for decompression sickness: A case report.	Oxygen	2020
11	Sergey S. Petrikov, Anatoly K. Evseev, Olga A. Levina, Aslan K. Shabanov, & 10 Scientists	Hyperbaric Oxygen Therapy in Patients with COVID-19	Oxygen	2020
17	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	Oxygen	2020
25	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	Oxygen	2020
28	Patrick J. Kirkland, Dana Mathew, Pranav Mod, & Jeffrey S. Cooper	Nitrogen Narcosis In Diving	Narcosis	2020
30	Ran Arieli, Ben Aviner	Acclimatization and Deacclimatization to Oxygen: Determining Exposure Limits to Avoid CNS O ₂ Toxicity in Active Diving	Oxygen	2020
33	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	Oxygen	2020
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	Oxygen	2021-01
18	Jianping Liu, Miaomiao Wu, Run Zhang, Zhi Ping Xu	Oxygen-derived free radicals: Production, biological importance, bioimaging, and analytical detection with responsive luminescent nanopores	Oxygen	2021-04
22	Suman Sen, & Sheuli Sen	Therapeutic effects of hyperbaric oxygen: integrated review	Oxygen	2021
29	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	Oxygen	2021
31	Anna Marcinkowska, Natalia Mankowska, Jacek Kot, & Pawel Winklewski	Impact of Hyperbaric Oxygen Therapy on Cognitive Functions: a Systematic Review	Oxygen	2021
34	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	Oxygen	2021-06
36	Fabian Möller, Elena Jacobi, Uwe Hoffmann, Thomas Muth, & Thomas Muth	Oxygen-enriched Air Decreases Ventilation during High-intensity Fin-swimming Underwater	Oxygen	2021

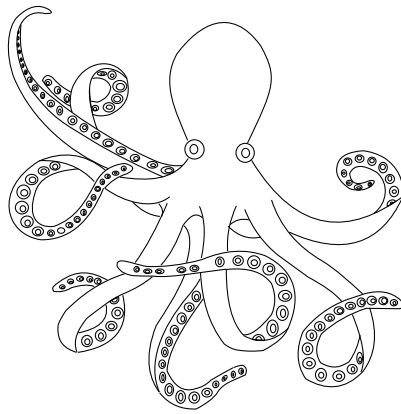
2021 - part B				
5	Wen-Jie Wang, Jia-Sheng Ding, Qing Sun, Xiang Xu, & Gang Chen	Role of hyperbaric oxygen in glioma: a narrative review	Oxygen	2021
6	Miguel A. Ortega, Oscar Fraile-Martinez, Cielo García-Montero, Enrique Callejón-Peláez, Miguel A. Sáez, Miguel A. Álvarez-Mon, Natalio García-Honduvilla, Jorge Monserrat, Melchor Álvarez-Mon, Julia Bujan, and María Luisa Canals	A General Overview on the Hyperbaric Oxygen Therapy: Applications, Mechanisms and Translational Opportunities	Oxygen	2021-08
7	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?	Oxygen	2021
13	Selahattin ÇAKIROĞLU, Ertuğrul KERİMOĞLU, Bengilsu MİRASOĞLU	Hyperbaric Oxygen Therapy In Patients With Dysbaric Osteonecrosis	Oxygen	2021
17	Alexander Patrician, Frank Pernet, Angelica Lodin-Sundström, & Erika Schagatay	Association Between Arterial Oxygen Saturation and Lung Ultrasound B-Lines After Competitive Deep Breath-Hold Diving	Oxygen	2021
29	Barbara Nieradko-Iwanicka, Daria Przybylska, Piotr Siermoutowski, Cezary J. Kowalski, & 2 scientists	Possible applications of hyperbaric oxygen therapy-narrative review	Oxygen	2021
37	Rutger C Lalieu, 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	Oxygen	2021
39	Yan Tian, Yafang Zhang, Yu Wang, Yunxi Chen, & 4 scientists	Hydrogen, a Novel Therapeutic Molecule, Regulates Oxidative Stress, Inflammation, and Apoptosis	Physiology / Oxygen	2021
2022 - part A				
2	Zachary M. Harris, Ying Sun, John Joerns, Brian Clark, & 13 scientists	Epidermal Growth Factor Receptor Inhibition Is Protective in Hyperoxia-Induced Lung Injury	Oxygen	2022
5	Robert P. Ostrowski, Emanuela Pucko and Ewa Matyja	Proteasome and Neuroprotective Effect of Hyperbaric Oxygen Preconditioning in Experimental Global Cerebral Ischemia in Rats	Oxygen	2022-02
10	Hugo F. Posada-Quintero, Carol S. Landon, Nicole M. Stavitzki, Jay B. Dean, & Ki H. Chon	Seizures Caused by Exposure to Hyperbaric Oxygen in Rats Can Be Predicted by Early Changes in Electrodermal Activity	Oxygen	2022
11	Khodor Haidar Hassan, Joelle Azzi, Gian Marco Oppo, Hadi Raef Rida, & 7 scientists	Application of hyperbaric oxygen therapy in osteoporosis	Oxygen	2022
12	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	Oxygen	2022
13	Enrico Marchetti, Daniela Pignini, Mariangela Spagnoli, Giovanna Tranfo, & 7 scientists	Hyperbaric Exposure of Scuba Divers Affects the Urinary Excretion of Nucleic Acid Oxidation Products and Hypoxanthine	Oxygen	20122
16	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	Oxygen	2022
17	Agilent - https://www.agilent.com/en	An Introduction to Reactive Oxygen Species	Oxygen	2022
22	Paul G. Harch	Systematic Review and Dosage Analysis: Hyperbaric Oxygen Therapy Efficacy in Mild Traumatic Brain Injury Persistent Post concussion Syndrome.	Oxygen	2022
29	Xavier C. E. Vrijdag, Hanna van Waart, Chris Sames, Simon J. Mitchell, Jamie W. Sleight	Does hyperbaric oxygen cause narcosis or hyperexcitability? A quantitative EEG analysis	Oxygen	2022
33	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	Oxygen	2022
39	Gordon Slater, Martin O'Malley, Tayla Slater, & Tandose Sambo	Hyperbaric Oxygen Therapy: An Overview	Oxygen	2022
41	Connor TA Brenna, Shawn Khan, George Djaiani, Jay C Buckley Jr. , & Rita Katznelson	The role of routine pulmonary imaging before hyperbaric oxygen treatment	Oxygen	2022
47	Gerardo Bosco, Tommaso Antonio Giacom, Nazareno Paolucci, Alessandra Vezzoli, & 8 Scientists	Dopamine/BDNF loss underscores narcosis cognitive impairment in divers: a proof of concept in a dry condition.	Narcosis	2022
48	Nan-Chieh Huang, Yu-Lung Wu, & Ren-Fang Chao	Visualization and Bibliometric Analysis of Research Trends on Hyperbaric Oxygen Therapy	Oxygen	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	Oxygen	2022-07
4	Clara Gaiolima, João Castedo, Mafalda Cruz, Margarida Candeias, & Óscar Camacho	The role of hyperbaric oxygen therapy in the treatment of radiation Lesions	oxygen	2022

9	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	Oxygen	2022-08
12	D. Limanan, F. Ferdinal	Oxygen, ROS/RNS, Hypoxia and Hypoxia Inducible Factors	Oxygen	2022
13	Miguel Alvarez Vilela, Sophia A. Dunworth, Bryan D. Kraft, & Nicole P. Harlan	Effects of high-intensity interval training with hyperbaric oxygen	Oxygen	2022
14	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.	Oxygen	2022
20	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.	Oxygen	2022
27	Jan Risberg, & Pieter-Jan van Ooij	Hyperoxic exposure monitoring in diving: A farewell to the UPTD	Oxygen	2022
30	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.	Oxygen	2022
31	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	Oxygen	2022
35	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	oxygen	2022
37	Kaitlin J. Mayne, Jennifer S. Lees, & William G. Herrington	Bioimpedance in CKD: an untapped resource?	Oxygen	2022-10
39	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.	Oxygen	2022
42	Clément Leveque, Simona Mrakic-Sposta, Pierre Lafère, Alessandra Vezzoli, & 9 other scientists	Oxidative Stress Response's Kinetics after 60 Minutes at Different (30% or 100%) Normobaric Hyperoxia Exposures.	Oxygen	2022
50	Gerrit A. Martens, Lars P. Folkow, Thorsten Burmester, and Cornelia Gebfner	Elevated antioxidant defence in the brain of deep-diving pinnipeds	Oxygen	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	Oxygen	2023-01
2	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	Oxygen	2023-01
4	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	Oxygen	2023-01
6	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	Oxygen	2023-01
7	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.	Oxygen	2023-01
9	Simona Mrakic-Sposta, Maristella Gussoni, Mauro Marzorati, Simone Porcelli, & 5 scientists	The "ON-OFF" Switching Response of Reactive Oxygen Species in Acute Normobaric Hypoxia: Preliminary Outcome.	Oxygen	2023-02
10	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.	Oxygen	2023-02
21	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.	Oxygen	2023-04
27	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	Oxygen	2023-04
28	Bingyan Ren, Hanbin Ye Wenyuan Shan, Xuelei Tao, & Zi Ye	Effect of Hyperbaric Oxygen Intervention on Oxidative Stress and Expression of Nerve Growth Factor in Patients with Craniocerebral Injury	Oxygen	2023-05
30	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.	Oxygen / Physiology	2023-05
31	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.	Oxygen	2023-05

32	Katarzyna Latusek, Adrianna Slotwińska-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	Oxygen	2023-05
33	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	Oxygen	2023-05
36	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.	Oxygen	2023-06
39	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-1 β	Oxygen	2023-06
42	Feiko J. M. de Jong, Thijs T. Wingelaar, & Rob A. van Hulst	Pulmonary oxygen toxicity in occupational diving	Oxygen	2023-06
2023 Part B				
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	oxygen	2023-07
10	Ran Arieli	The pulmonary oxygen toxicity index	Oxygen	2023-07
11	Piotr H. Skarzynski, Aleksandra Kolodziejak, Elżbieta Gos, & Magdalena B. Skarzynska	Hyperbaric oxygen therapy as an adjunct to corticosteroid treatment in sudden sensorineural hearing loss: a retrospective study.	Oxygen	2023-07
12	Javed Iqbal, Abdullah Naeem, Kainat Jahangir, Yumna Ali, & 5 scientists	Hyperbaric Oxygen and Outcomes Following the Brain Injury: A Systematic Review.	Oxygen	2023-07
13	Arman Vahabi, Merve Mert, Huseyin Aytaç Erdem, İlgin Yıldırım Simsir, & 2 scientists	Safe Use of Hyperbaric Oxygen Therapy in the Treatment of Diabetic Foot Ulcers: A Multidisciplinary Approach to Minimize Adverse Effects	Oxygen	2023-07
14	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.	Oxygen / other gasses	2023-08
17	Lin ZC, Bennett MH, Hawkins GC, Azzopardi CP, Feldmeier J, & 2 scientists	Hyperbaric oxygen therapy for late radiation tissue injury - Review	oxygen	2023-08
22	Costantino Balestra, Simona Mrakic-Sposta, & Fabio Virgili	Oxygen Variations—Insights into Hypoxia, Hyperoxia and Hyperbaric Hyperoxia—Is the Dose the Clue?	Oxygen	2023-08
24	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	Oxygen	2023-08
26	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	Oxygen / Cardio respiratory	2023-09
27	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	Oxygen	2023-09
28	Kartini	Factors Affecting Oxygen Availability	Oxygen	2023-09
29	Kevin L. Webb, Michael J. Joyner, Chad C. Wiggins, Timothy W. Secomb, Tuhin K. Roy	The dependence of maximum oxygen uptake and utilization (V O ₂ max) on hemoglobin-oxygen affinity and altitude	Oxygen	2023-09
31	Figen Aydin	Hyperbaric oxygen treatment in children: experience in 329 patients	Oxygen	2023-09
35	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	Oxygen	2023-10
36	Hisnindarsyah, Ahyar Wahyudi	Effect of Hyperbaric Oxygen Therapy on Enhancing Fertility (Literature Review)	Oxygen	2023-10
37	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	Oxygen	2023-10
39	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	Oxygen	2023-10
42	Maria Pia Francescato, Valentina Cettolo	The algorithm used for the calculation of gas exchange affects the estimation of O ₂ uptake kinetics at the onset of moderate-intensity exercise	Oxygen	2023-11
45	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	Oxygen	2023-12

46	Harry B. Rossiter & David C. Poole	Measuring pulmonary oxygen uptake kinetics: Contemporary perspectives	Oxygen	2023-12
48	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	Oxygen	2023-12
2024				
1	Edward Tom Ashworth, Ryotaro Ogawa, David Robert Vera, Peter Lindholm	Effects of oxygen-prebreathing on tissue nitrogenation in normobaric and hyperbaric conditions	Deco / Oxygen	2024-01
3	Harry B. Rossiter, David C. Poole	Further perspectives on measuring pulmonary oxygen uptake kinetics	oxygen / cardio respiratory	2024-02
4	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	Oxygen	2024-02
12	Felix R. M. Beinlich, Antonios Asiminas, Verena Untiet, Zuzanna Bojarowska, & 7 scientists	Oxygen imaging of hypoxic pockets in the mouse cerebral cortex	Oxygen	2024-03
13	Alessandra Vezzoli, Simona Mrakic-Sposta, Andrea Brizzolari, Costantino Balestra, & 3 scientists	Oxy-Inflammation in Humans during Underwater Activities	Oxygen	2024-03
14	Anna Taboni, Nazzareno Fagoni, Timothée Fontollet, Giovanni Vinetti, Guido Ferretti	Baroreflex dynamics during the rest to exercise transient in acute normobaric hypoxia in humans	Oxygen / Cardio respiratory	2024-03
18	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	Oxygen	2024-04
23	Nikolaus C. Netzer, Heidelinde Jaekel, Roland Popp, Johanna M. Gostner, & 9 scientists	Oxidative Stress Reaction to Hypobaric–Hyperoxic Civilian Flight Conditions	Oxygen	2024-04
24	Maya V. Voronina, Anastasia S. Frolova, Ekaterina P. Kolesova, Nikita A. Kuldyshev, Alessandro Parodi, and Andrey A. Zamyatnin	The Intricate Balance between Life and Death: ROS, Cathepsins, and Their Interplay in Cell Death and Autophagy	Oxygen	2024-04

Thermal

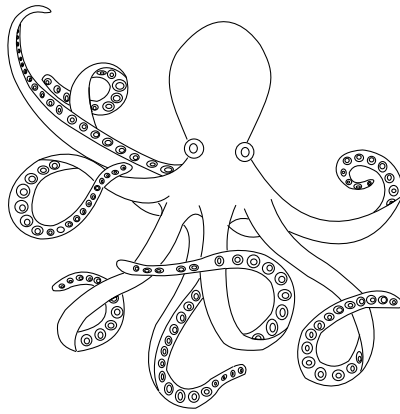


<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
1960 - 1979			
26	Leslie A. Guildner	Thermal Conductivity of Gases. III. Some Values of the Thermal conductivities of Argon, Helium, and Nitrogen from 0°C to 75°C at Pressures of 1 X 10 ⁵ to 2.5 X 10 ⁷ Pascals	1974
54	M.G. Hayward, W.R. Keatinge	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
9	American academy of underwater sciences	Proceeding of special session on cold water diving	1981
28	Weinberg, Akerman, Bradley	Proposed thermal limits for divers	1984
1986 - 1989			
14	Micheal Tipton, Frank Golden	The influence of regional insulation on the initial responses to cold immersion	1988-01
26	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	American academy of underwater sciences	Proceedings of AAUS polar diving workshop	1991
1996 - 1999			
4	Michel B. Ducharme, Christopher J. Brooks	The effects of wave conditions on dry immersion suit isolation: A comparison between humans and manikin	1996
36	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			
16	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
19	Arvid Hope, Leif Aanderud, & Asbjorn Aakvaag	Dehydration and body fluid-regulating hormones during sweating in warm (38°C) fresh- and seawater immersion	2001-05
37	Kevin g. Kergel	Heat shock proteins: modifying factors in physiological stress responses and acquired thermotolerance	2002
2003			
14	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
16	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 - 2005			
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
24	Charles B. Toner, & Robert Ball	The effect of temperature on decompression and decompression sickness risk: A critical review	2004

2006			
1	Zhongjie Sun	Genetic AVP deficiency abolishes cold-induced diuresis but does not attenuate cold-induced hypertension	2006-01
11	Igor B. Mekjavic & Ola Eiken	Contribution of thermal and nonthermal factors to the regulation of body temperature in humans	2006-06
2007			
5	Bardy, Mollendorf, Pendergast	Active heating /cooling requirements for divers	2007
11	Andrew J. Young & John W. Castellani	Exertional fatigue and cold exposure: mechanisms of hiker's hypothermia	2007-06
2008			
31	Tiina M. Makinen, Rajja Juvonen, Jari Jokelainen, & Terttu H. Harju Ari	Cold temperature and low humidity are associated with increased occurrence of respiratory tract infections	2008
35	D.R. Pendergast, & C.E.G. Lundgren	The underwater environment: cardiopulmonary, thermal, and energetic demands	2008-11
2009 - 2010			
40	Naoshi Kakitsuba	Thermal Problems in Hyperbaric Environments	2010-06
41	John W. Castellani, Michael N. Sawka, David W. DeGroot, Andrew J. Young	Cold thermoregulatory responses following exertional fatigue	2010-06
2011 - 2012			
54	Taiki Miyazawa, Masahiro Horiuchi, Daisuke Ichikawa, Andrew W. Subudhi, & 2 other scientists	Face cooling with mist water increases cerebral blood flow during exercise: effect of changes in facial skin blood flow	2012
2013			
13	Sigrid Theunissen, Julie Schumacker, Francois Guerrero, Frauke Tillmans, + 6 scientists	Dark chocolate reduces endothelial dysfunction after successive breath-hold dives in cool water	2013
2015			
36	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			
11	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
14	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
2020			
1	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
2021 - part A			
17	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			
26	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			
6	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
15	JS Kelly, & JP Delaney	A short, sharp (cold) shock: Healthy or harmful?	2022
2023 - Part A			
11	Wendy Sullivan-Kwantes & Peter Tikuisis	Extremity cooling during an arctic diving training exercise	2023-03
2023 Part B			
3	Basheer Abdullah Marzoog	Cell Physiological Behavior in the Context of Local Hypothermia	2023-07
38	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
2024			
29	Campbell Menzies, Neil D. Clarke, Christopher J. A. Pugh, Charles J. Steward, C. Douglas Thake, Tom Cullen)	Post-exercise hot or cold water immersion does not alter perception of effort or neuroendocrine responses during subsequent moderate-intensity exercise	2024-06

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
1960 - 1979			
2	D. F. Brebner and D. McK. Kerslake	The Time Course of the Decline in Sweating Produced by Wetting the Skin	1964-05
3	Academy of Sciences of the U. S. S. R	The Effect of the Gas Medium and Pressure on Body Functions	1964-06
5	P E Harding, D Roman, R F Whelan	Diving Bradycardia in man	1965
7	G. Gastaut, Naquet, R, R. Poire, C.A Tassinari	Treatment of Status Epilepticus with Diazepam (Valium)	1965
11	Charles E. Mengel & Herbert E. Kann	Effects of In Vivo Hyperoxia on Erythrocytes. III. In Vivo Peroxidation of Erythrocyte Lipid	1966-03
20	Willis (Isaac)	The effect of water exposure on human skin	1973
41	John B Hartley, George m Santangelo, Howard Rasmussen, Howard Goldfine	Dependence of Escherichia coli Hyperbaric Oxygen Toxicity on the Lipid Acyl Chain Composition	1978
51	T. Balazs & V. J. Ferrans	Cardiac Lesions Induced by Chemicals	1978-10
1980 to 1985			
6	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
8	Otto Inge Molvaer, Truls Gjestland	Hearing damage risk to divers operating noisy tools under water	1981
21	Cotton D. B. , Hills B. A.	Pulmonary surfactant: Hydrophobic nature of the mucosal surface of the surface amnion	1983
24	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
4	COMEX SA	COMEX - Hydra V	1986-03

10	JE cotes, IS Davey, JW Reed, M Rook	Respiratory effects of a single saturation dive to 300 m	1987
19	Z. Torok	Diving: occupation or physiological experiment?	1989
24	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
20	R. Holden, C. D. G. Morsman, and C. M. Lane	Ocular fundus lesions in sports divers using safe diving practices	1992-06
23	Carlos R Gordon, Avi Shupak	Salivary secretion and seasickness susceptibility	1992
36	Lawrence E. Armstrong, Carl M. Maresh, John W. Castellani, Micheael F. Bergeron, & 3 other scientists	Urinary Indices of Hydration Status	1994
44	UMHS	Are asthmatics fit to dive? (<i>The Undersea and Hyperbaric Medical Society Workshop</i>)	1995
1996 - 1999			
18	K. C. Rostain, M. C. Gardette-Chauffour, R. Naquet	EEG and sleep disturbances during dives at 450 msw in helium-nitrogen-oxygen mixture	1997
19	Bruce W. Hamill, James E. Hendrix, Loring J. Crepeau & Jerry D. Pelton, Matthew D. Miley & Eliz. E. Kadlec	Speech intelligibility assessment in a helium environment. II. The speech intelligibility index	1997
23	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
24	Catrine Ahlén, Ole Jan Iversen, Jan Risberg, Gunnar Volden, Harald Aarset	Diver's hand: a skin disorder common in occupational saturation diving	1997-10
25	Athena Voultzios, David J. Kennaway, and Drew Dawsont	Salivary Melatonin as a Circadian Phase Marker: Validation and Comparison to Plasma Melatonin	1997-10
26	N.A.M. Schellart, M. Pollen, & A. Van Der Kley	Effect of dysoxia and moderate air-hyperbarism on red-green color sensitivity	1997
27	K.F. Koltyn , W.P. Morgan	Influence of wet suit wear on anxiety responses to underwater exercise	1997
28	A. Nohara, T. Yusa	Reversibility in blood-brain barrier, microcirculation, and histology in rat brain after decompression	1997
34	Goran E. Nilsson	Respiratory physiology of vertebrates	1998
43	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
44	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
48	Yoojin Seo, Kazuya Matsumoto, Youngman Park, Motohiko Mohri, & Shigeaki Matsumoka	Sleep patterns during 20-m nitrox saturation dives	1999
2000 - 2002			
1	Kwangwook Cho, A. Emaceur, Jon C. Cole, & Chang Kook Suh	Chronic Jet Lag Produces Cognitive Deficits	2000-01

30	John D. Kalbfleisch, & Ross L. Prentice)	The Statistical Analysis of Failure Time Data	2002
40	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
42	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
2004 - 2005			
1	Z Dujic, D Bakovic, I Marinovic-Terzic, & D Eterovic	Acute effects of a single open sea air dive and post-dive posture on cardiac output and pulmonary gas exchange in recreational divers	2004
6	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
9	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
12	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
14	SM Smith, JE Davis-Street, JV Fesperman, MD Smith, BL Rice, SR Zwart	Nutritional Assessment During a 14-d Saturation Dive: The NASA Extreme Environment Mission Operation V Project	2004-07
21	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
30	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
44	James M. Antonini, Annette B. Santamaria, Neil T. Jenkins, Elisa Albini, Roberto Lucchini	Fate of manganese associated with the inhalation of welding fumes: Potential neurological effects	2005-10
2006			
2	T. Shimamiya, N. Terada, S. Yakabayashi, & M. Mohri	Effects of 30-m nitrox saturation dive on the immune system in man	2006
4	Smithsonian Institution, Washington DC	Proceeding of advanced scientific diving workshop	2006
16	Gisele ML Mouret	Obesity and diving	2006
26	atih Ors, Guner Sonmez, Senol Yildiz, Gunalp Uzun & 3 scientists	Incidence of Ischemic Brain Lesions in Hyperbaric Chamber Inside Attendants.	2006
2007			
1	Alison C. Ma, & Neal W. Pollock	Physical Fitness of Scientific Divers: Standards and Shortcomings.	2007
2	Pal Pacher, Joseph S. Beckman, & Lucas Liaudet	Nitric Oxide and Peroxynitrite in Health and Disease	2007
10	J. Watt, David J. Godden, Andrew Lawson	Health status of professional divers and offshore oil industry workers	2007
25	Dror Tal, Peter Gilbey, Ronen Bar, & Avi Shupak	Seasickness pathogenesis and the otolithic organs: Vestibular evoked myogenic potentials study - Preliminary results.	2007
26	A.E. Talpalar	High pressure neurological syndrome	2007-11
2008			

4	Tami A. Martino, Gavin Y. Oudit, Andrew M. Herzenberg, Nazneen Tata, Margaret M. Koletar, Golam M. Kabir, Denise D. Belsham, Peter H. Backx, Martin R. Ralph, and Michael J. Sole	Circadian rhythm disorganization produces profound cardiovascular and renal disease in hamsters	2008-02
16	Neal W Pollock	Breath-hold diving: performance and safety	2008-06
20	R. E. Moon, A. D. Cherry, B. W. Stolp, E. M. Camporesi	Pulmonary gas exchange in diving	2008
33	Jorge D. Erusalimsky	Vascular endothelial senescence: from mechanisms to pathophysiology	2008-11
34	Yoram Etzion, Amir Mor, & Yoram Grossman	Differential modulation of cerebellar climbing fiber and parallel fiber synaptic responses at high pressure	2008-11
37	Peter Lindholm, & Claes EG Lundgren	The physiology and pathophysiology of human breath-hold diving	2008
2009 - 2010			
1	Siri Waage, Bente Elisabeth Moen, Ståle Pallesen, Hege R. Eriksen, Holger Ursin, Torbjørn Åkerstedt, Bjørn Bjorvatn	Shift Work Disorder Among Oil Rig Workers in the North Sea	2009-01
6	Yasushi Mio, Yon Hee Shim, Ebony Richards, Zeljko J. Bosnjak, Paul S. Pagel, & Martin Bienengraebe	Xenon Preconditioning: The Role of Prosurvival Signaling, Mitochondrial Permeability Transition and Bioenergetics in Rats	2009-03
12	Loic Doeuvre, Laurent Plawinski, Florence Toti and Eduardo Angles-Cano	Cell-derived microparticles: a new challenge in neuroscience	2009-06
13	Cara Connolly, Alex Munnoch, Fiona Hogg	Water-power: High pressure water jets and devastating lower limb injury	2009
16	R. E. Moon, A. D. Cherry, B. W. Stolp, & E. M. Camporesi	Pulmonary gas exchange in diving	2009
26	Hideki Tamaki, kiyotaka kohshi, Shuichi sajima, junichiro Takeyama, Takashi nakamura, Hideo ando, Tatsuya Ishitake	Repetitive breath-hold diving causes serious brain injury	2009-11
28	Agnieszka Ciarka, Vi Doan, Sonia Velez-Roa, Robert Naeije, and Philippe van de Borne	Prognostic Significance of Sympathetic Nervous System Activation in Pulmonary Arterial Hypertension	2009
39	Tom McLellan, Heather Wright, Shan Rhind, Bruce Cameron, & David Eaton	Hyperbaric stress in divers and non-divers: Neuroendocrine and psychomotor responses	2010
45	Gezina T.M.L. Oei, Nina C. Weber, Markus W. Hollmann, & Benedikt Preckel	Cellular Effects of Helium in Different Organs	2010
47	V. Lobo, A. Patil, A. Phatak, & N. Chandra	Free radicals, antioxidants and functional foods: Impact on human health	2010
2011 - 2012			
1	I. A. Brownlee, A. C. Fairclough, A. C. Hall, and J. R. Paxman	The Potential Health Benefits of Seaweed and Seaweed Extracts	2011-01
25	Marianne B. Havnes, Catrine Ahlen, Alf O. Brubakk, and Ole-Jan Iversen	Concentration of circulating autoantibodies against HSP 60 is lowered through diving when compared to non-diving rats	2012-01
30	Sara R. Zwart, J. Milburn Jessup, Jiuping Ji, Scott M. Smith	Saturation Diving Alters Folate Status and Biomarkers of DNA Damage and Repair	2012-02
36	sermin sengun, atilla uslu, salih aydin	Application of Multifrequency bioelectrical Impedance analysis Method for the Detection of Dehydration status in professional Divers	2012-04
37	Barbara E. Shykoff, & Dan E. Warkander	Exercise carbon dioxide (CO ₂) retention with inhaled CO ₂ and breathing resistance	2012
38	Jacek Kot	Extremely deep recreational dives: the risk for carbon dioxide (CO ₂) retention and high pressure neurological syndrome (HPNS)	2012

39	Sema Yilmaz, Kenan Daglioglu, Dincer Yildizdas, Ibrahim Bayram	The effectiveness of heliox in acute respiratory distress syndrome	2012
40	Marc Daleck, Otmar Bock, & Benjamin Schulze	Cognitive impairment during 5 m water immersion	2012
45	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
2013			
1	O. Castagna, J.-E. Blatteau, N. Vallee, B. Schmid, & J. Regnard	The Underestimated Compression Effect of Neoprene Wetsuit on Divers Hydromineral Homeostasis	2013
4	Dylan Thompson, Alan M. Batterham	Towards Integrated Physical Activity Profiling	2013
8	Anke Neidig, Amy T.Y. Yeung, Thibaut Rosay, Beatrix Tettmann, Nikola Strempe, Martina Rueger, Olivier Lesouhaitier, and Joerg Overhage	TypA is involved in virulence, antimicrobial resistance and biofilm formation in <i>Pseudomonas aeruginosa</i>	2013-04
10	Algra (Paul C.)	A modified prophylactic regimen for the prevention of otitis externa in saturation divers	2013
11	Ibiam Fa, Obasikene Godwin, Basil Ezeanolue	Response pattern of acute otitis externa to a tripple regimen of steroid, antibacterial, and antifungal agents.	2013
19	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
20	Diving and Hyperbaric Medicine	Tricontinental Scientific Meeting on Diving and Hyperbaric Medicine	2013
23	World Medical Association	World Medical Association Declaration of Helsinki Ethical Principles for Medical Research Involving Human Subjects	2013
25	D. J. Harriss, & G. Atkinson	Ethical Standards in Sport and Exercise Science Research: 2014 Update	2013
2014			
11	Christopher Matthew, Damian John McKeon, & Hans-Peter Kubis	Divers revisited: The ventilatory response to carbon dioxide in experienced scuba divers	2014
19	Antonio Ayala, Mario F. Muñoz, & Sandro Argüelles	Lipid Peroxidation: Production, Metabolism, and Signaling Mechanisms of Malondialdehyde and 4-Hydroxy-2-Nonenal	2014
2015			
4	Anahita Fathi-Azarbayjani, Abolghasem Jouyban	Surface tension in human pathophysiology and its application as a medical diagnostic tool	2015-02
7	Claire Masterson, Gail Otulakowski, & Brian P. Kavanagh	Hypercapnia: clinical relevance and mechanisms of action	2015
9	Lars Eichhorn, Dieter Leyk	Diving Medicine in Clinical Practice	2015
10	Bailey (Nick)	The provision of breathing gas to divers in emergency situations	2015
11	Ronald W. Day	Comparison between the acute pulmonary vascular effects of oxygen with nitric oxide and sildenafil	2015
12	Sigrd 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
17	Arve Lie, Marit Skogstad, Håkon A. Johannessen, Tore Tynes, & 4 other scientists	Occupational noise exposure and hearing: a systematic review	2015
18	Sebastian Schulz-Stübner, Petra Zimmer, & Peter Leonards	Infection Control in Therapeutic Hyperbaric Chambers: Practical Inventory in France	2015

22	Syeda Rubina Gilani, Madiha Batool, Syed Raza Ali Zaidi, Zaid Mahmood, & 2 scientists	Central nervous system (CNS) toxicity caused by metal poisoning: Brain as a target organ	2015
23	Gonglin Hou, Youlan Zhang, Na Zhao, Ruiyong Chen, & 3 scientists	Mental abilities and performance efficacy under a simulated 480-m helium-oxygen saturation diving	2015
25	Tuomo T. Tompuri	Metabolic equivalents of task are confounded by adiposity, which disturbs objective measurement of physical activity	2015
27	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
35	Nico AM Schellart, & Jean-Claude Le P��chon	Correction for adiabatic effects in the calculated instantaneous gas consumption of scuba dives	2015
37	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
38	Simin Berenji Ardestani, Peter Buzzacott, & Ingrid Eftedal	The aging diver: endothelial biochemistry and its potential implications for cardiovascular health.	2015
41	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
42	Andrew Ng, & Carl Edmonds	Immersion pulmonary oedema and Takotsubo cardiomyopathy	2015
2016			
6	Joost J. L. M. Bierens, Philippe Lunetta, Mike Tipton, David S. Warner	Physiology Of Drowning: A Review	2016
7	Ben Aviner, Gideon Gradwohl, Alice Bliznyuk, Yoram Grossman	Selective pressure modulation of synaptic voltage-dependent calcium channels — involvement in HPNS mechanism	2016
10	Mark D. Wilkinson, et Alia	The Fair Guiding Principles for scientific data management and stewardship.	2016
13	Jinqiang Zhu, Wanshan Song, Lin Li, & Xiang Fan	Endothelial nitric oxide synthase: a potential therapeutic target for cerebrovascular diseases	2016
15	Jacques H. Abraini, H��l��ne N. David, Nicolas Vall��e, & Jean-Jacques Risso	Theoretical considerations on the ultimate depth that could be reached by saturation human divers	2016
18	NASA	Risk of Decompression Sickness (DCS)	2016
25	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
27	Julie Vinke, Peter Bak, Ole Hyldegaard	Danish diving-related fatalities 1999–2012	2016
29	Akeesh Mungur, Guy Cochard, Yves Ozier, & Pierre Laf��re	The effect of general anaesthesia and neuromuscular blockade on Eustachian tube compliance: a prospective study.	2016
32	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
33	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
34	Rebecca Johnson	Insulin-dependent diabetes mellitus and recreational scuba diving in Australia	2016
41	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			

4	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
9	István Vadász, & Jacob I. Sznajder	Gas exchange Disturbances Regulate Alveolar Fluid Clearance during Acute Lung injury	2017
14	Sridhar (Jandhyala)	Marine and other aquatic dermatoses	2017
15	Seol-Jung Kang, Gi-Chul Ha, Kwang-Jun Ko	Association between resting heart rate, metabolic syndrome and cardiorespiratory fitness in Korean male adults	2017
22	W. Oliver Tobin, & Sean J. Pittock	Autoimmune Neurology of the Central Nervous System	2017
24	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
28	Heather Massey, John Leach, Michael Davis, Vicki Vertongen	Lost at sea: the medicine, physiology and psychology of prolonged immersion	2017
29	Moritz F Meyer, Manuela Boor, Stefanie Jansen, Eberhard D Pracht, & 5 divers	Influence of repetitive diving in saltwater on pressure equalization and Eustachian tube function in recreational scuba divers.	2017
30	Moritz F Meyer, Manuela Boor, Stefanie Jansen, Eberhard D Pracht, & 5 divers	Influence of repetitive diving in freshwater on pressure equalization and Eustachian tube function in recreational scuba divers.	2017
33	Charles H Van Wijk	Personality and behavioural outcomes in diving: current status and recommendations for future research.	2017
34	Abraham L Querido	Diving and antidepressants	2017
2018			
16	R. Buzzacott, D. Schiller, J. Crain, & P. Denoble	Epidemiology of morbidity and mortality in US and Canadian recreational scuba diving	2018
28	Gerardo Bosco, Alex Rizzato, Luca Martani, Simone Schiavo, & 5 other scientists	Arterial Blood Gas Analysis in Breath-Hold Divers at Depth	2018
29	Jean-Eric Blatteau, Sandrine Gaillard, Sébastien De Maistre, Simone Richard, & 10 other scientists	Reduction in the Level of Plasma Mitochondrial DNA in Human Diving, Followed by an Increase in the Event of an Accident	2018
31	Çiğdem Özer Gökaslan, Uğur Toprak, & Serkan Gokaslan	A Rare Non-Penetrant Abdominal Wall Injury Caused By High-Pressure Water.	2018
34	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
6	Jean-Pierre Imbert, Costantino Balestra, Fatima Zohra Kiboub, Oyvind Loennechen, & Ingrid Eftedal	Commercial Divers' Subjective Evaluation of Saturation	2019
7	Monika Patel, Arun Dehadaray	Povidone-iodine and glycerine for treatment of acute otitis externa	2019
10	Shrestha K, Shah R, & Sapkota S	Efficacy of 10% ichthammol glycerine pack and steroid-antibiotic pack for relieving pain in acute otitis externa. A comparative study	2019
13	Brandon W Lewis, Sonika Patial, Yogesh Saini	Immunopathology of Airway Surface Liquid Dehydration Disease	2019
16	Maxim Wilkinson, Robert Maidstone, Andrew Loudon, John Blaikley, & 6 scientists	Circadian rhythm of exhaled biomarkers in health and asthma	2019

18	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
23	Alice Bliznyuk, Yoram Grossman, Yevgeny Moskovitz	The effect of high pressure on the NMDA receptor: molecular dynamics simulations	2019
25	Mitchell D. Frye, Allen F. Ryan, Arwa Kurabi	Inflammation associated with noise-induced hearing loss	2019
32	Alice Bliznyuk, Hava Golan, & Yoram Grossman	High Pressure Stress Response: Involvement of NMDA Receptor Subtypes and Molecular Markers	2019
33	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
34	Piotr Siermontowski, Wojciech Kozłowski, & Katarzyna Pleskacz	Studies of body weight/heart weight ratio in treated and untreated experimental barotrauma.	2019
2020			
3	Bobby Glenn Warren, Jason Masker, Gregory Brown, Isabella Gamez & 3 scientists	Efficacy of UV-C disinfection in hyperbaric chambers	2020
4	Qiang Yao, Feng Xu, and Jiabao Lin	A Qualitative Study on Pre-performance Routines of Diving: Evidence From Elite Chinese Diving Athletes	2020-02
5	Marko Žarak, Antonija Perović, Marina Njire Bratičević, Sandra Šupraha Goreta, & Jerka Dumić	Adaptive response triggered by the repeated SCUBA diving is reflected in cardiovascular, muscular, and immune biomarkers	2020
10	Francisco de Asis-Fernández, Tamara del Corral, & Ibai López-de-Uralde-Villanueva	Effects of inspiratory muscle training versus high intensity interval training on the recovery capacity after a maximal dynamic apnoea in breath-hold divers. A randomised crossover trial	2020
15	Andrzej Molisz, Tomasz Przewoźny, Katarzyna Nowicka-Sauer, & Marta Sauer	Cardiovascular testing of seasickness in healthy volunteers on life rafts.	2020
27	Wen-tao Meng, Long Qing, Quan Zhou, & Wei-gang Xu	Xuebijing attenuates decompression-induced lung injuries.	2020
29	Moritz F Meyer, Kristijana Knezic, Stefanie Jansen, Heinz D Klünter, Eberhard D Pracht, & Maria Grosheva	Effects of freediving on middle ear and eustachian tube function	2020
31	Aida Carballo-Fazanes, Joost J.L.M. Bierens, & The International Expert Group to Study Drowning Behaviour	The Visible Behaviour of Drowning Persons: A Pilot Observational Study Using Analytic Software and a Nominal Group Technique	2020
36	Charles H Van Wijk, Jarred H Martin, & Nazneen Firfi rey	Common mental health conditions among navy divers: A brief report	2020
38	Ewa Mańka, Bartosz Skuratowicz, Sebastian Kwiatek, Maciej Krupowies, & Karolina Sieroń	Diving with diabetes - A review of recommendations	2020
2021 - part A			
5	Kirsi O. Lorentz, Bianca Casa	External auditory exostoses, repetitive aquatic activity and increasing social complexity in Chalcolithic Cyprus: Specialists of the sea?	2021-02
6	Cassandra L. Williams, and Paul J. Ponganis	Diving physiology of marine mammals and birds: the development of biologging techniques	2021-02
8	Jarosław Krzyżak, & Krzysztof Korzeniewski	Medical assessment of fitness to dive. Parts 1 & 2	2021
9	Patrice Jissendi-Tchofo, Yassin Jdaoudi, Peter Germonpré, Danilo Cialoni, & 3 scientists	Feasibility of Detecting Brain Areas Involved in Extreme Breath-Hold Diving	2021
10	Wei-Shih Tseng, Nian-Sheng Tzeng, Kung-Hung Lin, Nan-Chieh Huang, & 2 scientists	Effect of Long-Term Diving Exposure on Sleep of Male Occupational Divers in Southern Taiwan: A Cross-Sectional Study	2021
11	Thijs T. Wingelaar, Leonie Bakker, Frank J. Nap, Pieter-Jan A. M. van Ooij, & 2 other scientists	Routine Chest X-Rays Are Inaccurate in Detecting Relevant Intrapulmonary Anomalies During Medical Assessments of Fitness to Dive	2021

12	Alexander Patrician, Željko Dujčić, Boris Spajić, van Drviš, & Philip N. Ainslie	Breath-Hold Diving – The Physiology of Diving Deep and Returning	2021
13	Xiao-Chen Bao, Yi-Qun Fang, Tao Yang, Yong-jun Sun, & 3 scientists	Lung function changes of divers after single deep heliox diving	2021
14	Gabriel-Petric Bala, Ruxandra-Mioara Răjnoveanu, Emanuela Tudorache, Radu Motisan, & Cristian Oancea	Air pollution exposure - the invisible risk factor for respiratory diseases	2021
16	Roxane Monnoyer, Kjersti Haugum, Jacky Lautridou, Arnar Flatberg, & 2 other scientists	Shifts in the Oral Microbiota During a Four-Week Commercial Saturation Dive to 200 Meters	2021
20	Eric Mulder, Arne Sieber, & Erika Schagatay	Using Underwater Pulse Oximetry in Freediving to Extreme Depths to Study Risk of Hypoxic Blackout and Diving Response Phases	2021
23	Richard V. Lundell, Laura Tuominen, Tommi Ojanen, Kai Parkkola, & Anne Räsänen-Sokolowski	Diving Responses in Experienced Rebreather Divers: Short-Term Heart Rate Variability in Cold Water Diving	2021
24	Eric Mulder, Arne Sieber, & Erika Schagatay	Using Underwater Pulse Oximetry in Freediving to Extreme Depths to Study Risk of Hypoxic Blackout and Diving Response Phases	2021
26	Matteo Paganini, Giulia Mormando, Sandro Savino, Giacomo Garetto, & 4 other scientists	Emergency Medicine Cases in Underwater and Hyperbaric Environments: The Use of in situ Simulation as a Learning Technique	2021
28	Sanjoy K. Deb, Eimear Dolan, Catherine Hambly, John R. Speakman, & 3 other scientists	The Assessment of Daily Energy Expenditure of Commercial Saturation Divers Using Doubly Labelled Water	2021
29	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
33	Yang Saeng Park, John R. Claybaugh, Keizo Shiraki, and Motohiko Mohri	Renal Function in Hyperbaric Environment	2021-06
2021 - part B			
3	Costantino Balestra, François Guerrero, Sigrid Theunissen, Peter Germonpré, & Pierre Lafère	Physiology of repeated mixed gas 100m wreck dives using a closed-circuit rebreather: a field bubble study	2021
4	Robert P. Weenink, & Thijs T. Wingelaar	The Circulatory Effects of Increased Hydrostatic Pressure Due to Immersion and Submersion	2021
9	Tobias Cibis, & Carolyn McGregor	Engineering and Medicine in Extreme Environments	2021
12	Pierre Lafère, Kate Lambrechts, Peter Germonpré, Ambre Balestra, & 5 scientists	Heart Rate Variability During a Standard Dive: A Role for Inspired Oxygen Pressure?	2021
18	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
19	Wilhelm W. Piispanen, Richard V. Lundell, Laura J. Tuominen, & Anne K. Räsänen-Sokolowski	Assessment of Alertness and Cognitive Performance of Closed Circuit Rebreather Divers With the Critical Flicker Fusion Frequency Test in Arctic Diving Conditions	2021
20	Roxane Monnoyer, Ingrid Eftedal, Astrid Hjelde, Sanjoy Deb, & 2 other scientists	Functional Profiling Reveals Altered Metabolic Activity in Divers' Oral Microbiota During Commercial Heliox Saturation Diving	2021
23	Xiao-Chen Bao, Quan Shen, Yi-Qun Fang, & Jian-guo Wu	Human Physiological Responses to a Single Deep Helium-Oxygen Diving	2021
25	Robin Pla, Gauthier Poszalczyk, Cyrine Souaïssia, Fabrice Joulia, & Alexandre Guimard	Underwater and Surface Swimming Parameters Reflect Performance Level in Elite Swimmers	2021
27	Shumaila Mumtaz, Shaikat Ali, Hafiz Muhammad Tahir, Syed Akif Raza Kazmi, & 5 scientists	Aging and its treatment with vitamin C: a comprehensive echanistic Review.	20121
28	Edward P. Manning, Abhay B. Ramachandra, Jonas C. Schupp, Cristina Cavinato, & 6 scientists	Mechanisms of Hypoxia-Induced Pulmonary Arterial Stiffening in Mice Revealed by a Functional Genetics Assay of Structural, Functional, and Transcriptomic Data	20121
30	Micaela Tobler, Christos T. Nakas, Matthias P. Hilty, Andreas Huber, & 2 scientists	Plasmatic hemostasis at very high altitude - a thromboelastometric approach	2021
31	Peter Kyriakoulis, Michael Kyrios, Antonio Egidio Nardi, Rafael C. Freire, & Mark Schier	The Implications of the Diving Response in Reducing Panic Symptoms	2021

33	Thomas Kjeld, Anders Brenøe Isbrand, Katrine Linnet, Bo Zerahn, & 8 other scientists	Extreme Hypoxia Causing Brady-Arrhythmias During Apnea in Elite Breath-Hold Divers	2021
39	Yan Tian, Yafang Zhang, Yu Wang, Yunxi Chen, & 4 scientists	Hydrogen, a Novel Therapeutic Molecule, Regulates Oxidative Stress, Inflammation, and Apoptosis	2021
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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
4	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
6	Maria Ludovica Carerj, Giuseppe Bucolo, Silvio Mazziotti, Alfredo Blandino, & 3 scientists	Pulmonary Barotrauma in patient suffering from COVID-19	2022
7	Levent Demir, & Mustafa Avcı	Effect of hyperbaric exposure on pulmonary functions in hyperbaric chamber inside attendants	2022
8	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	Diving and Hyperbaric Medicine	Diving after COVID-19: an update to fitness to dive assessment and medical guidance.	2022
20	Karin Biering, Kent J. Nielsen, Ole Carstensen, & Anette Kærgaard	Electricians' Health After Electrical Shocks: A Prospective Cohort Study.	2022
23	Danilo Cialoni, Andrea Brizzolari, Alessandra Barassi, Gerardo Bosco, & 3 scientists	White Blood Cells, Platelets, Red Blood Cells and Gas Bubbles in SCUBA Diving: Is There a Relationship?	2022
24	Feiko J. M. de Jong, Paul Brinkman, Thijs T. Wingelaar, Pieter-Jan A. M. van Ooij, and Rob A. van Hulst	Volatile Organic Compounds Frequently Identified after Hyperbaric Hyperoxic Exposure: The VAPOR Library.	2022
25	Ningfang Lian, Sijiao Wang, Lijuan Hu, Liping Xue, & 3 scientists	Effect of a Single Simulated 500m Saturation Dive on Lung Function	20122
28	Luis-Miguel Pascual-Gomez, & Lauren Petrass	Recognition of a Drowning Victim by Bystanders: A Scoping Review	2022
30	Sven Dreyer, Andreas Deussen, Dietmar Berndt, Jochen D. Schipke	How to Survive 33 min after the Umbilical of a Saturation Diver Severed at a Depth of 90 msw?	2022
32	Nanna Yr Arnardottir, Sigridur Sia Jonsdottir, Hannes Petersen	Seasickness among Icelandic seamen	2022
35	Giuliana Spadaro, Ilaria Tiddi, Simon Columbus, Shuxian Jin, & 3 scientists	The Cooperation Databank: Machine-Readable Science Accelerates Research Synthesis	2022
36	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
37	Mohsen Shafiepour, Mohammad Javad Najafzadeh, Seyed Mehdi, Hashemi Bajani, & Behnam Dalfardi	Pneumoscrotum, a Rare Presentation of Barotrauma Following Noninvasive Positive Pressure Ventilation in Patients with Severe COVID-19 Pneumonia.	2022
40	Anders Rosén, Mikael Gennse, Nicklas Oscarsson, Andreas Kvarnström, & 4 scientists	Protein tau concentration in blood increases after SCUBA diving: An observational study	2022
42	Johan Ullman, David Hengst, Ronald Carpenter, & Yohan Robinson	Does Military High-speed Boat Slamming Cause Severe Injuries and Disability?	2022
43	Amilkar Almanza-Hurtado, Camilo Polanco Guerra, Maria Cristina Martinez-Avila Diana Borre-Naranjo, & 2 scientists	Hypercapnia from Physiology to Practice	2022
44	Najmuddin Noorzad, & Sırrı Sunay Gürleyük	Effects of Electrical Current Passing Through the Human Body and Safety Requirements.	2022
45	Jerka Dumić, Ana Cvetko, Irena Abramovi, Sandra Šupraha Goreta, & 6 scientists	Changes in Specific Biomarkers Indicate Cardiac Adaptive and Anti-inflammatory Response of Repeated Recreational SCUBA Diving	2022

50	Alexandre Guimard, Fabrice Joulia, Fabrice Prieur, Gauthier Poszalczyk, & 2 other scientists	Exponential Relationship Between Maximal Apnea Duration and Exercise Intensity in Non-apnea Trained Individuals	2022
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1	Torkjel Tveita, Ingrid Eftedal, & Sanjoy Deb	Editorial: Survival in Extreme Environments – Adaptation or Decompensation?, Volume I	2022
5	Nadiawati Abdul Razak, & Victor Feizal Knight	Naval scuba-diving injuries and associated underwater hazards in Malaysia	2021
10	Morgan Levenez, Kate Lambrechts, Simona Mrakic-Sposta, Alessandra Vezzoli, & 6 other scientists	Full-Face Mask Use during SCUBA Diving Counters Related Oxidative Stress and Endothelial Dysfunction	2022
11	Sung Kyun Kim, Sung Jun Han, Seok Jin Hong, Seok Min Hong	Microbiome of Acute Otitis Externa	2022
16	Jean-Pierre Imbert, Salih-Murat Egi, & Costantino Balestra	Vascular function recovery following saturation diving	2022
17	Jean Morin, Nicolas Vallée, Pierre-Louis Dufresne, Sarah Rives, & 6 scientists	Symptomatic or asymptomatic SAR-CoV-2 positive divers should be medically evaluated before returning to scuba diving	2022
19	José González-Alonso, José A. L. Calbet, Ricardo Mora-Rodríguez, & Pascale Kippelen	Pulmonary ventilation and gas exchange during prolonged exercise in humans: Influence of dehydration, hyperthermia and sympathoadrenal activity.	2022
21	Daniel Popa, Craig Kutz, Morgan Carlile, Kaighley Brett, & 4 Scientists	Hypoxia signatures in closed-circuit rebreather divers	2022
22	Michele Salvagno, Giacomo Coppalini, Fabio Silvio Taccone, Giacomo Strapazzon, & 4 scientists	The Normobaric Oxygen Paradox - Hyperoxic Hypoxic Paradox:: A Novel Expedient Strategy in Hematopoiesis Clinical Issues	2022
25	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
26	Giuliana Spadaro, Ilaria Tiddi, Simon Columbus, Shuxian Jin, & 3 scientists	The Cooperation Databank: Machine-Readable Science Accelerates Research Synthesis	2022
28	Munire K. Ozgok Kangal, & Heather M. Murphy-Lavoie	High Pressure Diving Nervous Syndrome	2022
29	Aysha Karim Kiani, Derek Pheby, Gary Henehan, Richard Brown, + 28 scientists	Ethical considerations regarding animal experimentation	2022
36	Han-Wei Zhang, Zhi-Ren Tsai, Victor C. Kok, Hsiao-Ching Peng, & 3 scientists	Long-term ambient hydrocarbon exposure and incidence of urinary bladder cancer.	2022
40	Ilaria Tarozzi, Lorenzo Franceschetti, Gianfranco Simonini, Silvia Raddi, Davide Machado, & Valentina Bugelli	Black box of diving accidents: Contribution of forensic underwater experts to three fatal cases.	2022
47	Awadhesh K. Arya, Costantino Balestra, Veena M. Bhopale, Laura J. Tuominen, & 5 scientists	Elevations of Extracellular Vesicles and Inflammatory Biomarkers in Closed Circuit SCUBA Divers	2022
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3	Feiko J. M. de Jong, Thijs T. Wingelaar, Paul Brinkman, Pieter-Jan A. M. van Ooij, & 3 other scientists	Analysis of Volatile Organic Compounds in Exhaled Breath Following a COMEX-30 Treatment Table.	2023-02
8	Leigh C. Ward, & Steven Brantlov	Bioimpedance basics and phase angle fundamentals	2023-02
13	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
14	Junjie Wei, Peng Xiao, Tao Chen	Water-Resistant Conductive gels toward Underwater Wearable Sensing	2023-03
15	Armaan K. Malhotra, Ashton P. Chang, Joseph P. Lawton, Aderaldo Costa Alves Jr., & 6 scientists	Intraoperative air embolism diagnosis and treatment using hyperbaric oxygen therapy after craniotomy: illustrative case.	2023-03

16	Olivier Castagna, Jean-Eric Blatteau, Arnaud Druelle, ordan Amara, and Jean-René Lacour	Oxygen uptake (VO ₂) and pulmonary ventilation (V _E) during military surface fin swimming in a swimming flume: Effects of surface immersion.	2023-03
17	Emmanuel Gouin, Jean Eric Blatteau, Emmanuel Dugrenot, François Guerrero, & Bernard Gardette	Scientific shallow saturation dive expedition using diving rebreathers and a specific dry habitat: medical management of the “Capsule” programme.	2023-03
19	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	2023-04
25	Ali Boolani, Joel Martin, Fulvio D’Acquisto, & Costantino Balestra	Onwards. Part 1 Editorial: Feelings of energy and fatigue: Two different moods	2023-04
26	Romain Guenneugues, Anne Henckes, Vincent Mansourati, Jacques Mansourati	Effects of hyperbaric exposure on mechanical and electronic parameters of implantable cardioverter-defibrillators.	2023-04
30	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
34	Alain Boussuges, Guillaume Chaumet, Martin Boussuges, Amelie Menard, & 2 scientists	Ultrasound assessment of the respiratory system using diaphragm motion-volume indices	2023-05
35	Pamela Tozzo, Arianna Delicati, Beatrice Marcante, Luciana Caenazzo	Digital Biobanking and Big Data as a New Research Tool: A Position Paper	2023-06
40	Kent J. MacLaughlin, Gregory P. Barton, Rudolf K. Braun, & Julia E. MacLaughlin	Hyperbaric air mobilizes stem cells in humans; a new perspective on the hormetic dose curve.	2023-06
41	Olivier Castagna, Arnaud Druelle, Guillaume Michoud, Thibaut Prevautel, & Jean René Lacour	Individual Changes in Respiratory Compliance Upon Immersion May Predict Susceptibility to Immersion Pulmonary Edema	2023-06
43	Jan-Peter Schaap, Margy E Zuluaga Fernandez, Antoinette Houtkoop, 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
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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
9	Betul Onal Gunay	Paracentral acute middle maculopathy in a fasting patient after cataract surgery and its response to hyperbaric oxygen therapy	2023-07
20	Marten Silvanus	Surviving Underwater - Physiological limitations and technical possibilities	2023-08
32	Abraham L Querido, Chiel F Ebbelaar, & Thijs T Wingelaar	Diving with psychotropic medication: review of the literature and clinical Considerations	2023-09
48	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
49	Pauline Lallement, Alain Boussuges, Paul Habert, Julien Bermudez, & 4 Scientists	Evaluation of computed tomography in the diagnosis of ultrasound-proven diaphragm dysfunction	2023-12
50	Stephane Perrey, Valentina Quaresima, Marco Ferrari	Muscle Oximetry in Sports Science: An Updated Systematic Review	2023-12
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2	Antonis Elia, Matthew J. Barlow, Matthew J. Lees, Georgios Petri, & Michail E. Keramidias	Stress biomarker changes following a series of repeated static and dynamic apneas in non-divers	2024-01
6	Marc Roig, & Jacopo Cristini	Does dopamine mediate the effects of exercise on cognition?	2024-02
7	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
16	Benjamin L Turner, Pieter-Jan AM van Ooij, Thijs T Wingelaar, Rob A van Hulst, Edwin L Endert, Paul Clarijs, Rigo Hoencamp	Cells: A Pilot Study on the “Normobaric Oxygen Paradox” Chain of events analysis in diving accidents treated by the Royal Netherlands Navy 1966–2023	2024-03

20	Costantino Balestra, Clément Lévêque, Simona Mrakic-Sposta, 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
25	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
28	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

Diving & ROV Specialists

52/2 moo 3 tambon Tarpo 65000 Phitsanulock - Thailand

