

Richard E Moon

List of Publications by Year in descending order

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Version: 2024-02-01

127
papers

4,270
citations

147566

31
h-index

118652

62
g-index

134
all docs

134
docs citations

134
times ranked

3578
citing authors

#	ARTICLE	IF	CITATIONS
1	Diving. , 2022, , 209-218.		0
2	The Dewey Monitor: Pulse Oximetry can Warn of Hypoxia in an Immersed Rebreather Diver in Multiple Scenarios. Annals of Biomedical Engineering, 2022, 50, 222-232.	1.3	2
3	Blood gas analyses in hyperbaric and underwater environments: a systematic review. Journal of Applied Physiology, 2022, 132, 283-293.	1.2	6
4	Immersion-Induced Mitral Regurgitation. Chest, 2022, 161, e137-e143.	0.4	3
5	Decompression Sickness and Arterial Gas Embolism. New England Journal of Medicine, 2022, 386, 1254-1264.	13.9	45
6	Safety evaluation of carbon tetrafluoride as an inert hyperbaric breathing gas in Sprague-Dawley rats. Toxicology and Applied Pharmacology, 2022, 444, 116023.	1.3	1
7	Hyperoxia-induced brain ischemia: the Strawman comes up short. Canadian Journal of Anaesthesia, 2021, 68, 150-151.	0.7	1
8	Hyperbaric oxygen for decompression sickness: 2021 update. Undersea and Hyperbaric Medicine, 2021, , 195-203.	0.1	7
9	Randomized controlled trial of 7, 28, vs 42% day stored red blood cell transfusion on oxygen delivery (VO ₂ max) and exercise duration. Transfusion, 2021, 61, 699-707.	0.8	5
10	Physiologic and biochemical rationale for treating COVID-19 patients with hyperbaric oxygen. Undersea and Hyperbaric Medicine, 2021, 48, 1-12.	0.1	1
11	Ultrasound in decompression research: fundamentals, considerations, and future technologies. Undersea and Hyperbaric Medicine, 2021, 48, 59-72.	0.1	2
12	A fully automated method for late ventricular diastole frame selection in post-dive echocardiography without ECG gating. Undersea and Hyperbaric Medicine, 2021, 48, 73-80.	0.1	0
13	Hyperbaric oxygen for intracranial abscess. Undersea and Hyperbaric Medicine, 2021, 48, 97-102.	0.1	1
14	Hyperbaric oxygen for decompression sickness. Undersea and Hyperbaric Medicine, 2021, 48, 195-203.	0.1	0
15	Arterial blood gases in divers at surface after prolonged breath-hold. European Journal of Applied Physiology, 2020, 120, 505-512.	1.2	15
16	A methodology to explore ventilatory chemosensitivity and opioid-induced respiratory depression risk. Journal of Applied Physiology, 2020, 129, 500-507.	1.2	7
17	Cold Water, Hard Swim, Shortness of Breath. Chest, 2020, 158, 1329-1330.	0.4	1
18	Arterial gas embolism breathing compressed air in 1.2 metres of water. Diving and Hyperbaric Medicine, 2020, 50, 292-294.	0.2	6

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19	Reply to Drs. Wang et al.. Journal of Applied Physiology, 2020, 129, 933-933.	1.2	0
20	Central nervous system oxygen toxicity during 100% oxygen breathing at normobaric pressure. Diving and Hyperbaric Medicine, 2020, 50, 306.	0.2	0
21	Central nervous system oxygen toxicity during 100% oxygen breathing at normobaric pressure. Diving and Hyperbaric Medicine, 2020, 50, 306-306.	0.2	0
22	Cardio-Respiratory tolerability of perfluoropropaneEnhanced MRI of pulmonary ventilation. Journal of Lung, Pulmonary & Respiratory Research, 2020, 7, 107-115.	0.3	1
23	Hyperbaric oxygen as a treatment for COVID-19 infection?. Undersea and Hyperbaric Medicine, 2020, 47, 177-179.	0.1	2
24	Using the Electronic Medical Record to Improve Preoperative Identification of Patients at Risk for Obstructive Sleep Apnea. Journal of Perianesthesia Nursing, 2019, 34, 51-59.	0.3	3
25	Hyperbaric treatment of air or gas embolism: current recommendations. Undersea and Hyperbaric Medicine, 2019, , 673-683.	0.1	17
26	Immersion pulmonary edema: drowning from the inside. Undersea and Hyperbaric Medicine, 2019, 46, 577-579.	0.1	1
27	Hyperbaric treatment of air or gas embolism: current recommendations. Undersea and Hyperbaric Medicine, 2019, 46, 673-683.	0.1	9
28	Hyperbaric treatment for decompression sickness: current recommendations. Undersea and Hyperbaric Medicine, 2019, 46, 685-693.	0.1	3
29	Otorhinolaryngology and Divingâ€™Part 2: Otorhinolaryngological Fitness for Compressed Gas Scuba Diving. JAMA Otolaryngology - Head and Neck Surgery, 2018, 144, 259.	1.2	3
30	Pulmonary Delivery of Therapeutic and Diagnostic Gases. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2018, 31, 78-87.	0.7	4
31	Otorhinolaryngology and Divingâ€™Part 1: Otorhinolaryngological Hazards Related to Compressed Gas Scuba Diving. JAMA Otolaryngology - Head and Neck Surgery, 2018, 144, 252.	1.2	12
32	Efficacy of Hyperbaric Oxygen for Carbon Monoxide Poisoning. Chest, 2018, 153, 764.	0.4	1
33	Pharmacologic Targeting of Red Blood Cells to Improve Tissue Oxygenation. Clinical Pharmacology and Therapeutics, 2018, 104, 553-563.	2.3	16
34	Blue Vision (Cyanopsia) Associated With TURP Syndrome: A Case Report. A&A Practice, 2018, 11, 279-281.	0.2	3
35	Arterial Blood Gas Analysis in Breath-Hold Divers at Depth. Frontiers in Physiology, 2018, 9, 1558.	1.3	30
36	Environmental Physiology and Diving Medicine. Frontiers in Psychology, 2018, 9, 72.	1.1	44

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37	Marriage and mortality after noncardiac surgery. <i>Journal of Surgical Research</i> , 2017, 210, 152-158.	0.8	6
38	Sildenafil. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1755-1757.	0.2	15
39	A randomized controlled pilot study of VO ₂ max testing: a potential model for measuring relative in vivo efficacy of different red blood cell products. <i>Transfusion</i> , 2017, 57, 630-636.	0.8	11
40	Diagnosis of Swimming Induced Pulmonary Edema—A Review. <i>Frontiers in Physiology</i> , 2017, 8, 652.	1.3	43
41	An Undiagnosed Paraganglioma in a 58-Year-Old Female Who Underwent Tumor Resection. <i>Case Reports in Anesthesiology</i> , 2017, 2017, 1-4.	0.2	2
42	Enhanced recovery protocols for colorectal surgery and postoperative renal function: a retrospective review. <i>Perioperative Medicine (London, England)</i> , 2017, 6, 13.	0.6	18
43	Spontaneous Absorption of Cerebral Air Emboli. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , 2017, 19, 52.	0.2	0
44	Successful treatment of pneumatosis intestinalis with associated pneumoperitoneum and ileus with hyperbaric oxygen therapy. <i>BMJ Case Reports</i> , 2017, 2017, bcr-2017-219209.	0.2	4
45	Non-dysbaric arterial gas embolism associated with chronic necrotizing pneumonia, bullae and coughing: a case report. <i>Undersea and Hyperbaric Medicine</i> , 2017, 44, 73-77.	0.1	2
46	Hypercapnia in diving: a review of CO ₂ retention in submersed exercise at depth. <i>Undersea and Hyperbaric Medicine</i> , 2017, 44, 191-209.	0.1	10
47	The Dewey monitor: Pulse oximetry can independently detect hypoxia in a rebreather diver. <i>Undersea and Hyperbaric Medicine</i> , 2017, 44, 569-580.	0.1	3
48	Letter: UHMS HBO ₂ COMMITTEE CHAIR QUESTIONS FDA ON INCORRECT INFO. <i>Undersea and Hyperbaric Medicine</i> , 2017, 44, 611-612.	0.1	1
49	Deaths in triathletes: immersion pulmonary oedema as a possible cause. <i>BMJ Open Sport and Exercise Medicine</i> , 2016, 2, e000146.	1.4	33
50	Association between Serum IGF-I levels and Postoperative Delirium in Elderly Subjects Undergoing Elective Knee Arthroplasty. <i>Scientific Reports</i> , 2016, 6, 20736.	1.6	14
51	Assessment of the interaction of hyperbaric N ₂ , CO ₂ , and O ₂ on psychomotor performance in divers. <i>Journal of Applied Physiology</i> , 2016, 121, 953-964.	1.2	21
52	Follow-up to Nonfatal Opioid Overdoses. <i>Annals of Internal Medicine</i> , 2016, 165, 377.	2.0	0
53	Did the crew of the submarine H.L. Hunley suffocate?. <i>Forensic Science International</i> , 2016, 260, 59-65.	1.3	2
54	Swimming-Induced Pulmonary Edema. <i>Circulation</i> , 2016, 133, 988-996.	1.6	71

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55	iatrogenic cerebral gas embolism. <i>Diving and Hyperbaric Medicine</i> , 2016, 46, 119.	0.2	2
56	Last Word on Viewpoint: Why do some patients stop breathing after taking narcotics? Ventilatory chemosensitivity as a predictor of opioid-induced respiratory depression. <i>Journal of Applied Physiology</i> , 2015, 119, 426-426.	1.2	3
57	Commentaries on Viewpoint: Why do some patients stop breathing after taking narcotics? Ventilatory chemosensitivity as a predictor of opioid-induced respiratory depression. <i>Journal of Applied Physiology</i> , 2015, 119, 420-422.	1.2	11
58	Human Physiology in an Aquatic Environment. , 2015, 5, 1705-1750.		120
59	Oxygen in Acute Illness. <i>Critical Care Medicine</i> , 2015, 43, 1547-1548.	0.4	2
60	Cerebral Arterial Gas Embolism During Upper Endoscopy. <i>A & A Case Reports</i> , 2015, 5, 93-94.	0.7	17
61	Immersion Pulmonary Edema and Comorbidities. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1128-1134.	0.2	58
62	The HO-1/CO system regulates mitochondrial-capillary density relationships in human skeletal muscle. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L857-L871.	1.3	20
63	Textbook Plagiarism Reform. <i>Anesthesia and Analgesia</i> , 2014, 119, 749-750.	1.1	0
64	A Prospective Comparison of a Noninvasive Cardiac Output Monitor Versus Esophageal Doppler Monitor for Goal-Directed Fluid Therapy in Colorectal Surgery Patients. <i>Anesthesia and Analgesia</i> , 2014, 118, 966-975.	1.1	70
65	Effects of elevated oxygen and carbon dioxide partial pressures on respiratory function and cognitive performance. <i>Journal of Applied Physiology</i> , 2014, 117, 406-412.	1.2	25
66	Neurology and diving. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2014, 120, 959-969.	1.0	7
67	Reduced Length of Hospital Stay in Colorectal Surgery after Implementation of an Enhanced Recovery Protocol. <i>Anesthesia and Analgesia</i> , 2014, 118, 1052-1061.	1.1	298
68	Perfluoropropane Gas as a Magnetic Resonance Lung Imaging Contrast Agent in Humans. <i>Chest</i> , 2013, 144, 1300-1310.	0.4	76
69	Obstructive Sleep Apnea and Incidence of Postoperative Delirium after Elective Knee Replacement in the Nondemented Elderly. <i>Anesthesiology</i> , 2012, 116, 788-796.	1.3	165
70	Hyperbaric oxygen therapy in necrotising soft tissue infections: a study of patients in the United States Nationwide Inpatient Sample. <i>Intensive Care Medicine</i> , 2012, 38, 1143-1151.	3.9	59
71	What Is the Role of Hyperbaric Oxygen in the Management of Bisphosphonate-Related Osteonecrosis of the Jaw: A Randomized Controlled Trial of Hyperbaric Oxygen as an Adjunct to Surgery and Antibiotics. <i>Journal of Oral and Maxillofacial Surgery</i> , 2012, 70, 1573-1583.	0.5	132
72	Decompression illness. <i>Lancet</i> , The, 2011, 377, 153-164.	6.3	392

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73	Risk factors for immersion pulmonary edema: hyperoxia does not attenuate pulmonary hypertension associated with cold water-immersed prone exercise at 4.7 ATA. <i>Journal of Applied Physiology</i> , 2011, 110, 610-618.	1.2	21
74	Effects of hyperoxia on ventilation and pulmonary hemodynamics during immersed prone exercise at 4.7 ATA: possible implications for immersion pulmonary edema. <i>Journal of Applied Physiology</i> , 2010, 109, 68-78.	1.2	25
75	Clinical Care in Extreme Environments: At High and Low Pressure and in Space. , 2010, , 2485-2515.		1
76	Carbon monoxide, skeletal muscle oxidative stress, and mitochondrial biogenesis in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H392-H399.	1.5	70
77	Pulmonary gas exchange in diving. <i>Journal of Applied Physiology</i> , 2009, 106, 668-677.	1.2	44
78	Effects of head and body cooling on hemodynamics during immersed prone exercise at 1 ATA. <i>Journal of Applied Physiology</i> , 2009, 106, 691-700.	1.2	45
79	MultiModality Surgical and Hyperbaric Management of Mandibular Osteoradionecrosis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 717-724.	0.4	21
80	Predictors of increased Pa _{CO₂} during immersed prone exercise at 4.7 ATA. <i>Journal of Applied Physiology</i> , 2009, 106, 316-325.	1.2	23
81	Adjunctive therapy for decompression illness: a review and update. <i>Diving and Hyperbaric Medicine</i> , 2009, 39, 81-7.	0.2	5
82	Decompression Illness Diagnosis and Decompression Study Design. <i>Aviation, Space, and Environmental Medicine</i> , 2008, 79, 797-798.	0.6	9
83	Decompression Sickness. , 2008, , 283-319.		2
84	Hyperoxia-induced Decrease in Organ Blood Flow. <i>Anesthesiology</i> , 2008, 108, 169-170.	1.3	2
85	Hyperoxia-induced Tissue Hypoxia. <i>Anesthesiology</i> , 2007, 106, 1051-1055.	1.3	29
86	Fractal response of physiological signals to stress conditions, environmental changes, and neurodegenerative diseases. <i>Complexity</i> , 2007, 12, 12-17.	0.9	42
87	Hyperbaric Oxygen Treatment and Bisphosphonate-Induced Osteonecrosis of the Jaw: A Case Series. <i>Journal of Oral and Maxillofacial Surgery</i> , 2007, 65, 1321-1327.	0.5	126
88	Nitroglycerine: relief from the heartache of decompression sickness?. <i>Journal of Applied Physiology</i> , 2006, 101, 1537-1538.	1.2	5
89	Bubbles in the brain: What to do for arterial gas embolism?*. <i>Critical Care Medicine</i> , 2005, 33, 909-910.	0.4	33
90	The independently fractal nature of respiration and heart rate during exercise under normobaric and hyperbaric conditions. <i>Respiratory Physiology and Neurobiology</i> , 2005, 145, 219-233.	0.7	29

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91	Hyperbaric oxygen therapy for radiation necrosis of the jaw: comments on a randomized study. Undersea and Hyperbaric Medicine, 2005, 32, 145-7.	0.1	5
92	The relationship between ionized and total serum magnesium concentrations during abdominal surgery. Journal of Clinical Anesthesia, 2003, 15, 245-249.	0.7	29
93	Effects of age and exercise on physiological dead space during simulated dives at 2.8 ATA. Journal of Applied Physiology, 2003, 94, 507-517.	1.2	31
94	Drowning and near-drowning. EMA - Emergency Medicine Australasia, 2002, 14, 377-386.	0.5	32
95	Nitric oxide in the human respiratory cycle. Nature Medicine, 2002, 8, 711-717.	15.2	445
96	Blood glucose meter performance under hyperbaric oxygen conditions. Clinica Chimica Acta, 2001, 305, 81-87.	0.5	10
97	MECHANISMS OF ACUTE POSTOPERATIVE HYPOMAGNESEMIA. Anesthesiology, 2000, 2000, 1.	1.3	0
98	Treatment of Decompression Illness. , 2000, , 195-223.		4
99	Laryngeal Radionecrosis and Hyperbaric Oxygen Therapy: Report of 18 Cases and Review of the Literature. Annals of Otology, Rhinology and Laryngology, 2000, 109, 554-562.	0.6	49
100	Outcome analysis in patients with primary necrotizing fasciitis of the male genitalia. Urology, 2000, 56, 31-35.	0.5	87
101	TREATMENT OF DIVING EMERGENCIES. Critical Care Clinics, 1999, 15, 429-456.	1.0	37
102	Carbon monoxide poisoning in the aftermath of hurricane Fran.. American Journal of Public Health, 1999, 89, 112-112.	1.5	5
103	THE EFFECT OF HYPERBARIC OXYGEN ON PULMONARY VASCULAR TONE. Anesthesiology, 1998, 89, 1374A.	1.3	0
104	Brown Recluse Spider Envenomation: A Prospective Trial of Hyperbaric Oxygen Therapy. Academic Emergency Medicine, 1997, 4, 184-192.	0.8	37
105	Changes in the lung after prolonged positive pressure ventilation in normal baboons. Journal of Critical Care, 1997, 12, 72-82.	1.0	8
106	A1102 EFFECT OF INCREASED AIRWAYS RESISTANCE AND PULMONARY VASCULAR ENGORGEMENT ON PULMONARY GAS EXCHANGE. Anesthesiology, 1997, 87, 1102A.	1.3	0
107	V̇ _A /Q̇ _t abnormalities during gram negative sepsis. Respiration Physiology, 1996, 105, 109-121.	2.8	6
108	Cause of CO poisoning, relation to halogenated agents still not clear. Journal of Clinical Monitoring and Computing, 1995, 11, 67-71.	0.6	17

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109	The Physiology of Decompression Illness. Scientific American, 1995, 273, 70-77.	1.0	59
110	Artificial surfactant attenuates hyperoxic lung injury in primates. I. Physiology and biochemistry. Journal of Applied Physiology, 1995, 78, 1816-1822.	1.2	14
111	Treatment of cervical necrotizing fasciitis with hyperbaric oxygen therapy. Otolaryngology - Head and Neck Surgery, 1995, 112, 274-278.	1.1	46
112	Natural surfactant and hyperoxic lung injury in primates. I. Physiology and biochemistry. Journal of Applied Physiology, 1994, 76, 991-1001.	1.2	38
113	MRI of Absent Left Pulmonary Artery. Journal of Computer Assisted Tomography, 1992, 16, 641-645.	0.5	12
114	Extubation After Transsternal Thymectomy for Myasthenia Gravis. Southern Medical Journal, 1991, 84, 701.	0.3	25
115	Initial Treatment of Patients with Extensive Trauma. New England Journal of Medicine, 1991, 325, 1444-1446.	13.9	7
116	Barotrauma and Air Embolism in Hyperbaric Oxygen Therapy. American Journal of Forensic Medicine and Pathology, 1990, 11, 149-153.	0.4	25
117	Hyperbaric Medicine: An Integral Part of Trauma Care. Critical Care Clinics, 1990, 6, 203-219.	1.0	2
118	Cerebral oxygen availability by NIR spectroscopy during transient hypoxia in humans. Journal of Applied Physiology, 1990, 69, 907-913.	1.2	96
119	Carbon monoxide poisoning in smoke inhalation. Journal of Clinical Anesthesia, 1990, 2, 288-289.	0.7	0
120	General Anesthesia and Hyperkalemic Periodic Paralysis. Anesthesiology, 1989, 71, 303-304.	1.3	19
121	Should hyperbaric oxygen be used to treat the pregnant patient for acute carbon monoxide poisoning? A case report and literature review. JAMA - Journal of the American Medical Association, 1989, 261, 1039-1043.	3.8	65
122	Neuroimaging of scuba diving injuries to the CNS. American Journal of Roentgenology, 1988, 151, 1003-1008.	1.0	61
123	Increased Wedge Pressure Facilitates Decreased Lung Vascular Resistance during Upright Exercise. Chest, 1988, 93, 97S-99S.	0.4	23
124	Pulmonary Edema in a Young, Healthy Woman. Chest, 1987, 92, 385-386.	0.4	2
125	Pulmonary gas exchange in humans exercising at sea level and simulated altitude. Journal of Applied Physiology, 1986, 61, 260-270.	1.2	451
126	Monaghan 225 Ventilator Use Under Hyperbaric Conditions. Chest, 1986, 89, 846-851.	0.4	10

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127	Accidental Epidural Overdose of Hydromorphone. <i>Anesthesiology</i> , 1985, 63, 238-238.	1.3	16