

Richard E Moon

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

121 papers	3,356 citations	28 h-index	56 g-index
134 ext. papers	3,833 ext. citations	4.8 avg, IF	4.98 L-index

#	Paper	IF	Citations
121	The Dewey Monitor: Pulse Oximetry can Warn of Hypoxia in an Immersed Rebreather Diver in Multiple Scenarios.. <i>Annals of Biomedical Engineering</i> , 2022 , 50, 222	4.7	1
120	Diving 2022 , 209-218		
119	Immersion-Induced Mitral Regurgitation: A Novel Risk Factor for Swimming-Induced Pulmonary Edema.. <i>Chest</i> , 2022 , 161, e137-e143	5.3	0
118	Decompression Sickness and Arterial Gas Embolism.. <i>New England Journal of Medicine</i> , 2022 , 386, 1254-1264	39.4	2
117	Safety evaluation of carbon tetrafluoride as an inert hyperbaric breathing gas in Sprague-Dawley rats.. <i>Toxicology and Applied Pharmacology</i> , 2022 , 116023	4.6	
116	Blood Gas Analyses in Hyperbaric and Underwater Environments: A Systematic Review.. <i>Journal of Applied Physiology</i> , 2021 ,	3.7	3
115	Randomized controlled trial of 7, 28, vs 42 day stored red blood cell transfusion on oxygen delivery (VO max) and exercise duration. <i>Transfusion</i> , 2021 , 61, 699-707	2.9	0
114	Hyperoxia-induced brain ischemia: the Strawman comes up short. <i>Canadian Journal of Anaesthesia</i> , 2021 , 68, 150-151	3	1
113	Hyperbaric oxygen for decompression sickness: 2021 update. <i>Undersea and Hyperbaric Medicine</i> , 2021 , 195-203	0.9	2
112	Physiologic and biochemical rationale for treating COVID-19 patients with hyperbaric oxygen. <i>Undersea and Hyperbaric Medicine</i> , 2021 , 48, 1-12	0.9	1
111	Ultrasound in decompression research: fundamentals, considerations, and future technologies. <i>Undersea and Hyperbaric Medicine</i> , 2021 , 48, 59-72	0.9	2
110	A fully automated method for late ventricular diastole frame selection in post-dive echocardiography without ECG gating. <i>Undersea and Hyperbaric Medicine</i> , 2021 , 48, 73-80	0.9	
109	Hyperbaric oxygen for intracranial abscess. <i>Undersea and Hyperbaric Medicine</i> , 2021 , 48, 97-102	0.9	1
108	Hyperbaric oxygen for decompression sickness. <i>Undersea and Hyperbaric Medicine</i> , 2021 , 48, 195-203	0.9	
107	Cardio-Respiratory tolerability of perfluoropropaneEnhanced MRI of pulmonary ventilation. <i>Journal of Lung, Pulmonary & Respiratory Research</i> , 2020 , 7, 107-115	0.5	0
106	Reply to Drs. Wang et al. <i>Journal of Applied Physiology</i> , 2020 , 129, 933	3.7	
105	Central nervous system oxygen toxicity during 100% oxygen breathing at normobaric pressure. <i>Diving and Hyperbaric Medicine</i> , 2020 , 50, 306	1	

104	Central nervous system oxygen toxicity during 100% oxygen breathing at normobaric pressure. <i>Diving and Hyperbaric Medicine</i> , 2020 , 50, 306-306	1	
103	Arterial gas embolism breathing compressed air in 1.2 metres of water. <i>Diving and Hyperbaric Medicine</i> , 2020 , 50, 292-294	1	3
102	Arterial blood gases in divers at surface after prolonged breath-hold. <i>European Journal of Applied Physiology</i> , 2020 , 120, 505-512	3.4	10
101	A methodology to explore ventilatory chemosensitivity and opioid-induced respiratory depression risk. <i>Journal of Applied Physiology</i> , 2020 , 129, 500-507	3.7	4
100	Using the Electronic Medical Record to Improve Preoperative Identification of Patients at Risk for Obstructive Sleep Apnea. <i>Journal of Perianesthesia Nursing</i> , 2019 , 34, 51-59	1.3	1
99	Hyperbaric treatment of air or gas embolism: current recommendations. <i>Undersea and Hyperbaric Medicine</i> , 2019 , 46, 673-683	0.9	9
98	Hyperbaric treatment of air or gas embolism: current recommendations. <i>Undersea and Hyperbaric Medicine</i> , 2019 , 46, 673-683	0.9	9
97	Hyperbaric treatment for decompression sickness: current recommendations. <i>Undersea and Hyperbaric Medicine</i> , 2019 , 46, 685-693	0.9	3
96	Otorhinolaryngology and Diving-Part 2: Otorhinolaryngological Fitness for Compressed Gas Scuba Diving: A Review. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2018 , 144, 259-263	3.9	2
95	Pulmonary Delivery of Therapeutic and Diagnostic Gases. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2018 , 31, 78-87	3.8	2
94	Otorhinolaryngology and Diving-Part 1: Otorhinolaryngological Hazards Related to Compressed Gas Scuba Diving: A Review. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2018 , 144, 252-258	3.9	9
93	Efficacy of Hyperbaric Oxygen for Carbon Monoxide Poisoning. <i>Chest</i> , 2018 , 153, 764	5.3	0
92	Environmental Physiology and Diving Medicine. <i>Frontiers in Psychology</i> , 2018 , 9, 72	3.4	31
91	Pharmacologic Targeting of Red Blood Cells to Improve Tissue Oxygenation. <i>Clinical Pharmacology and Therapeutics</i> , 2018 , 104, 553-563	6.1	10
90	Blue Vision (Cyanopsia) Associated With TURP Syndrome: A Case Report. <i>A&A Practice</i> , 2018 , 11, 279-281	0.8	2
89	Arterial Blood Gas Analysis in Breath-Hold Divers at Depth. <i>Frontiers in Physiology</i> , 2018 , 9, 1558	4.6	20
88	Marriage and mortality after noncardiac surgery. <i>Journal of Surgical Research</i> , 2017 , 210, 152-158	2.5	5
87	Sildenafil: Possible Prophylaxis against Swimming-induced Pulmonary Edema. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1755-1757	1.2	10

86	A randomized controlled pilot study of VO max testing: a potential model for measuring relative in vivo efficacy of different red blood cell products. <i>Transfusion</i> , 2017 , 57, 630-636	2.9	5
85	An Undiagnosed Paraganglioma in a 58-Year-Old Female Who Underwent Tumor Resection. <i>Case Reports in Anesthesiology</i> , 2017 , 2017, 5796409	0.5	1
84	Enhanced recovery protocols for colorectal surgery and postoperative renal function: a retrospective review. <i>Perioperative Medicine (London, England)</i> , 2017 , 6, 13	2.8	15
83	Spontaneous Absorption of Cerebral Air Emboli. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , 2017 , 19, 52-53	0.7	
82	Diagnosis of Swimming Induced Pulmonary Edema-A Review. <i>Frontiers in Physiology</i> , 2017 , 8, 652	4.6	22
81	Successful treatment of pneumatosis intestinalis with associated pneumoperitoneum and ileus with hyperbaric oxygen therapy. <i>BMJ Case Reports</i> , 2017 , 2017,	0.9	4
80	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	0.9	1
79	Hypercapnia in diving: a review of CO ₂ retention in submersed exercise at depth. <i>Undersea and Hyperbaric Medicine</i> , 2017 , 44, 191-209	0.9	7
78	The Dewey monitor: Pulse oximetry can independently detect hypoxia in a rebreather diver. <i>Undersea and Hyperbaric Medicine</i> , 2017 , 44, 569-580	0.9	3
77	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	3.7	15
76	Follow-up to Nonfatal Opioid Overdoses. <i>Annals of Internal Medicine</i> , 2016 , 165, 377-8	8	
75	Did the crew of the submarine H.L. Hunley suffocate?. <i>Forensic Science International</i> , 2016 , 260, 59-65	2.6	2
74	Swimming-Induced Pulmonary Edema: Pathophysiology and Risk Reduction With Sildenafil. <i>Circulation</i> , 2016 , 133, 988-96	16.7	44
73	Deaths in triathletes: immersion pulmonary oedema as a possible cause. <i>BMJ Open Sport and Exercise Medicine</i> , 2016 , 2, e000146	3.4	25
72	Association between Serum IGF-I levels and Postoperative Delirium in Elderly Subjects Undergoing Elective Knee Arthroplasty. <i>Scientific Reports</i> , 2016 , 6, 20736	4.9	9
71	Iatrogenic cerebral gas embolism. <i>Diving and Hyperbaric Medicine</i> , 2016 , 46, 119	1	2
70	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	3.7	2
69	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, 420-2	3.7	9

68	Human Physiology in an Aquatic Environment. <i>Comprehensive Physiology</i> , 2015 , 5, 1705-50	7.7	89
67	Cerebral Arterial Gas Embolism During Upper Endoscopy. <i>A & A Case Reports</i> , 2015 , 5, 93-4		14
66	Immersion pulmonary edema and comorbidities: case series and updated review. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 1128-34	1.2	45
65	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, L857-71	5.8	16
64	Effects of elevated oxygen and carbon dioxide partial pressures on respiratory function and cognitive performance. <i>Journal of Applied Physiology</i> , 2014 , 117, 406-12	3.7	18
63	Neurology and diving. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2014 , 120, 959-69	3	4
62	Reduced length of hospital stay in colorectal surgery after implementation of an enhanced recovery protocol. <i>Anesthesia and Analgesia</i> , 2014 , 118, 1052-61	3.9	230
61	Textbook plagiarism reform. <i>Anesthesia and Analgesia</i> , 2014 , 119, 749-750	3.9	
60	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, 966-75	3.9	58
59	Immediate Treatment of the Drowned Diver 2014 , 1113-1114		
58	Perfluoropropane gas as a magnetic resonance lung imaging contrast agent in humans. <i>Chest</i> , 2013 , 144, 1300-1310	5.3	63
57	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, 1573-83	1.8	99
56	Obstructive sleep apnea and incidence of postoperative delirium after elective knee replacement in the nondemented elderly. <i>Anesthesiology</i> , 2012 , 116, 788-96	4.3	122
55	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, 1143-51	14.5	40
54	Decompression illness. <i>Lancet, The</i> , 2011 , 377, 153-64	40	313
53	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, 610-8	3.7	19
52	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	3.7	20
51	Clinical Care in Extreme Environments: At High and Low Pressure and in Space 2010 , 2485-2515		1

50	Carbon monoxide, skeletal muscle oxidative stress, and mitochondrial biogenesis in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 297, H392-9	5.2	63
49	Pulmonary gas exchange in diving. <i>Journal of Applied Physiology</i> , 2009 , 106, 668-77	3.7	29
48	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	3.7	34
47	Multimodality surgical and hyperbaric management of mandibular osteoradionecrosis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009 , 75, 717-24	4	19
46	Predictors of increased PaCO ₂ during immersed prone exercise at 4.7 ATA. <i>Journal of Applied Physiology</i> , 2009 , 106, 316-25	3.7	20
45	Adjunctive therapy for decompression illness: a review and update. <i>Diving and Hyperbaric Medicine</i> , 2009 , 39, 81-7	1	4
44	Decompression illness diagnosis and decompression study design. <i>Aviation, Space, and Environmental Medicine</i> , 2008 , 79, 797-8		7
43	Decompression Sickness 2008 , 283-319		1
42	Hyperoxia-induced Decrease in Organ Blood Flow. <i>Anesthesiology</i> , 2008 , 108, 169-170	4.3	2
41	Fractal response of physiological signals to stress conditions, environmental changes, and neurodegenerative diseases. <i>Complexity</i> , 2007 , 12, 12-17	1.6	32
40	Hyperbaric oxygen treatment and bisphosphonate-induced osteonecrosis of the jaw: a case series. <i>Journal of Oral and Maxillofacial Surgery</i> , 2007 , 65, 1321-7	1.8	114
39	Hyperoxia-induced tissue hypoxia: a danger?. <i>Anesthesiology</i> , 2007 , 106, 1051-5	4.3	25
38	Nitroglycerine: relief from the heartache of decompression sickness?. <i>Journal of Applied Physiology</i> , 2006 , 101, 1537-8	3.7	5
37	The independently fractal nature of respiration and heart rate during exercise under normobaric and hyperbaric conditions. <i>Respiratory Physiology and Neurobiology</i> , 2005 , 145, 219-33	2.8	26
36	Bubbles in the brain: what to do for arterial gas embolism?. <i>Critical Care Medicine</i> , 2005 , 33, 909-10	1.4	26
35	Hyperbaric oxygen therapy for radiation necrosis of the jaw: comments on a randomized study. <i>Undersea and Hyperbaric Medicine</i> , 2005 , 32, 145-7	0.9	5
34	Effects of age and exercise on physiological dead space during simulated dives at 2.8 ATA. <i>Journal of Applied Physiology</i> , 2003 , 94, 507-17	3.7	24
33	The relationship between ionized and total serum magnesium concentrations during abdominal surgery. <i>Journal of Clinical Anesthesia</i> , 2003 , 15, 245-9	1.9	25

32	Drowning and near-drowning. <i>EMA - Emergency Medicine Australasia</i> , 2002 , 14, 377-86	1.5	21
31	Nitric oxide in the human respiratory cycle. <i>Nature Medicine</i> , 2002 , 8, 711-7	50.5	391
30	Blood glucose meter performance under hyperbaric oxygen conditions. <i>Clinica Chimica Acta</i> , 2001 , 305, 81-7	6.2	9
29	Treatment of Decompression Illness 2000 , 195-223		4
28	Laryngeal radionecrosis and hyperbaric oxygen therapy: report of 18 cases and review of the literature. <i>Annals of Otology, Rhinology and Laryngology</i> , 2000 , 109, 554-62	2.1	38
27	Outcome analysis in patients with primary necrotizing fasciitis of the male genitalia. <i>Urology</i> , 2000 , 56, 31-5; discussion 35-6	1.6	69
26	Treatment of diving emergencies. <i>Critical Care Clinics</i> , 1999 , 15, 429-56	4.5	32
25	Carbon monoxide poisoning in the aftermath of hurricane Fran. <i>American Journal of Public Health</i> , 1999 , 89, 112	5.1	5
24	Brown recluse spider envenomation: a prospective trial of hyperbaric oxygen therapy. <i>Academic Emergency Medicine</i> , 1997 , 4, 184-92	3.4	33
23	Changes in the lung after prolonged positive pressure ventilation in normal baboons. <i>Journal of Critical Care</i> , 1997 , 12, 72-82	4	8
22	A1102 EFFECT OF INCREASED AIRWAYS RESISTANCE AND PULMONARY VASCULAR ENGORGEMENT ON PULMONARY GAS EXCHANGE. <i>Anesthesiology</i> , 1997 , 87, 1102A	4.3	
21	VA/Q abnormalities during gram negative sepsis. <i>Respiration Physiology</i> , 1996 , 105, 109-21		5
20	Cause of CO poisoning, relation to halogenated agents still not clear. <i>Journal of Clinical Monitoring and Computing</i> , 1995 , 11, 67-71		10
19	The physiology of decompression illness. <i>Scientific American</i> , 1995 , 273, 70-7	0.5	32
18	Artificial surfactant attenuates hyperoxic lung injury in primates. I. Physiology and biochemistry. <i>Journal of Applied Physiology</i> , 1995 , 78, 1816-22	3.7	14
17	Treatment of cervical necrotizing fasciitis with hyperbaric oxygen therapy. <i>Otolaryngology - Head and Neck Surgery</i> , 1995 , 112, 274-8	5.5	37
16	Natural surfactant and hyperoxic lung injury in primates. I. Physiology and biochemistry. <i>Journal of Applied Physiology</i> , 1994 , 76, 991-1001	3.7	33
15	MRI of absent left pulmonary artery. <i>Journal of Computer Assisted Tomography</i> , 1992 , 16, 641-5	2.2	10

14	Extubation after transsternal thymectomy for myasthenia gravis: a prospective analysis. <i>Southern Medical Journal</i> , 1991 , 84, 701-6	0.6	22
13	Initial treatment of patients with extensive trauma. <i>New England Journal of Medicine</i> , 1991 , 325, 1444-6	59.2	5
12	Barotrauma and air embolism in hyperbaric oxygen therapy. <i>American Journal of Forensic Medicine and Pathology</i> , 1990 , 11, 149-53	1	14
11	Hyperbaric Medicine: An Integral Part of Trauma Care. <i>Critical Care Clinics</i> , 1990 , 6, 203-219	4.5	2
10	Cerebral oxygen availability by NIR spectroscopy during transient hypoxia in humans. <i>Journal of Applied Physiology</i> , 1990 , 69, 907-13	3.7	80
9	Carbon monoxide poisoning in smoke inhalation. <i>Journal of Clinical Anesthesia</i> , 1990 , 2, 288-90	1.9	
8	General anesthesia and hyperkalemic periodic paralysis. <i>Anesthesiology</i> , 1989 , 71, 303-4	4.3	16
7	Should hyperbaric oxygen be used to treat the pregnant patient for acute carbon monoxide poisoning? A case report and literature review. <i>JAMA - Journal of the American Medical Association</i> , 1989 , 261, 1039-43	27.4	51
6	Neuroimaging of scuba diving injuries to the CNS. <i>American Journal of Roentgenology</i> , 1988 , 151, 1003-8	5.4	42
5	Increased wedge pressure facilitates decreased lung vascular resistance during upright exercise. <i>Chest</i> , 1988 , 93, 97S-99S	5.3	20
4	Pulmonary edema in a young, healthy woman. <i>Chest</i> , 1987 , 92, 385-6	5.3	2
3	Monaghan 225 ventilator use under hyperbaric conditions. <i>Chest</i> , 1986 , 89, 846-51	5.3	9
2	Pulmonary gas exchange in humans exercising at sea level and simulated altitude. <i>Journal of Applied Physiology</i> , 1986 , 61, 260-70	3.7	403
1	Accidental epidural overdose of hydromorphone. <i>Anesthesiology</i> , 1985 , 63, 238-9	4.3	12