

# Pierre Lafôtre

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

509  
citations

623734

14  
h-index

713466

21  
g-index

37  
all docs

37  
docs citations

37  
times ranked

321  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic Factors of Spinal Cord Decompression Sickness in Recreational Diving: Retrospective and Multicentric Analysis of 279 Cases. <i>Neurocritical Care</i> , 2011, 15, 120-127.	2.4	60
2	Persistence of critical flicker fusion frequency impairment after a 33Âmfw SCUBA dive: evidence of prolonged nitrogen narcosis?. <i>European Journal of Applied Physiology</i> , 2012, 112, 4063-4068.	2.5	41
3	Increasing Oxygen Partial Pressures Induce a Distinct Transcriptional Response in Human PBMC: A Pilot Study on the "Normobaric Oxygen Paradox". <i>International Journal of Molecular Sciences</i> , 2021, 22, 458.	4.1	36
4	Pre hospital management of decompression illness: expert review of key principles and controversies. <i>Diving and Hyperbaric Medicine</i> , 2018, 48, 45-55.	0.5	25
5	Pre-Dive Vibration Effect on Bubble Formation After a 30-m Dive Requiring a Decompression Stop. <i>Aviation, Space, and Environmental Medicine</i> , 2009, 80, 1044-1048.	0.5	23
6	Critical Flicker Fusion Frequency: A Marker of Cerebral Arousal During Modified Gravitational Conditions Related to Parabolic Flights. <i>Frontiers in Physiology</i> , 2018, 9, 1403.	2.8	23
7	Hypoxic and Hyperoxic Breathing as a Complement to Low-Intensity Physical Exercise Programs: A Proof-of-Principle Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9600.	4.1	21
8	Evidence of Heritable Determinants of Decompression Sickness in Rats. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2433-2438.	0.4	19
9	Functional comparison between critical flicker fusion frequency and simple cognitive tests in subjects breathing air or oxygen in normobaria. <i>Diving and Hyperbaric Medicine</i> , 2013, 43, 138-42.	0.5	18
10	Pre-dive Whole-Body Vibration Better Reduces Decompression-Induced Vascular Gas Emboli than Oxygenation or a Combination of Both. <i>Frontiers in Physiology</i> , 2016, 7, 586.	2.8	17
11	Objective vs. Subjective Evaluation of Cognitive Performance During 0.4-MPa Dives Breathing Air or Nitrox. <i>Aerospace Medicine and Human Performance</i> , 2017, 88, 469-475.	0.4	16
12	Varying Oxygen Partial Pressure Elicits Blood-Borne Microparticles Expressing Different Cell-Specific Proteins" Toward a Targeted Use of Oxygen?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7888.	4.1	16
13	Early detection of diving-related cognitive impairment of different nitrogen-oxygen gas mixtures using critical flicker fusion frequency. <i>Diving and Hyperbaric Medicine</i> , 2019, 49, 119-126.	0.5	15
14	The use of portable 2D echocardiography and 'frame-based' bubble counting as a tool to evaluate diving decompression stress. <i>Diving and Hyperbaric Medicine</i> , 2014, 44, 5-13.	0.5	15
15	Can the normobaric oxygen paradox (NOP) increase reticulocyte count after traumatic hip surgery?. <i>Journal of Clinical Anesthesia</i> , 2013, 25, 129-134.	1.6	12
16	Do Environmental Conditions Contribute to Narcosis Onset and Symptom Severity?. <i>International Journal of Sports Medicine</i> , 2016, 37, 1124-1128.	1.7	12
17	The 'normobaric oxygen paradox': does it increase haemoglobin?. <i>Diving and Hyperbaric Medicine</i> , 2012, 42, 67-71.	0.5	12
18	Evaluation of critical flicker fusion frequency and perceived fatigue in divers after air and enriched air nitrox diving. <i>Diving and Hyperbaric Medicine</i> , 2010, 40, 114-8.	0.5	12

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19	The "normobaric oxygen paradox": a simple way to induce endogenous erythropoietin production and concomitantly raise hemoglobin levels in anemic patients. Transfusion Alternatives in Transfusion Medicine, 2010, 11, 39-42.	0.2	11
20	Patent Foramen Ovale (PFO), Personality Traits, and Iterative Decompression Sickness. Retrospective Analysis of 209 Cases. Frontiers in Psychology, 2017, 8, 1328.	2.1	10
21	Physiological characteristics associated with increased resistance to decompression sickness in male and female rats. Journal of Applied Physiology, 2020, 129, 612-625.	2.5	10
22	Hyperbaric oxygen therapy for acute noise-induced hearing loss: evaluation of different treatment regimens. Diving and Hyperbaric Medicine, 2010, 40, 63-7.	0.5	10
23	Pulmonary Barotrauma in Divers During Emergency Free Ascent Training: Review of 124 Cases. Aviation, Space, and Environmental Medicine, 2009, 80, 371-375.	0.5	9
24	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). Frontiers in Physiology, 2021, 12, 763408.	2.8	9
25	Respiratory rate can be modulated by long-loop muscular reflexes, a possible factor in involuntary cessation of apnea. Diving and Hyperbaric Medicine, 2011, 41, 3-8.	0.5	9
26	A survey of scuba diving-related injuries and outcomes among French recreational divers. Diving and Hyperbaric Medicine, 2019, 49, 96-106.	0.5	8
27	The normobaric oxygen paradox: does it increase haemoglobin?. Critical Care, 2011, 15, .	5.8	7
28	Full-Face Mask Use during SCUBA Diving Counters Related Oxidative Stress and Endothelial Dysfunction. International Journal of Environmental Research and Public Health, 2022, 19, 965.	2.6	7
29	Physiology of repeated mixed gas 100-m wreck dives using a closed-circuit rebreather: a field bubble study. European Journal of Applied Physiology, 2021, , 1.	2.5	5
30	Consensus guideline: Pre-hospital management of decompression illness: expert review of key principles and controversies. Undersea and Hyperbaric Medicine, 2018, 45, 273-286.	0.3	5
31	Heart Rate Variability During a Standard Dive: A Role for Inspired Oxygen Pressure?. Frontiers in Physiology, 2021, 12, 635132.	2.8	4
32	Comparison of insulation provided by dry or wetsuits among recreational divers during cold water immersion (< 5°C). International Maritime Health, 2021, 72, 217-222.	0.7	4
33	Field study of anthropomorphic and muscle performance changes among elite skippers following a transoceanic race. International Maritime Health, 2020, 71, 20-27.	0.7	3
34	Decreased Incidence of Pulmonary Barotrauma After Discontinuation of Emergency Free Ascent Training. Aerospace Medicine and Human Performance, 2018, 89, 816-821.	0.4	2
35	Mini Trampoline, a New and Promising Way of SCUBA Diving Preconditioning to Reduce Vascular Gas Emboli?. International Journal of Environmental Research and Public Health, 2022, 19, 5410.	2.6	2
36	The effect of general anaesthesia and neuromuscular blockade on Eustachian tube compliance: a prospective study. Diving and Hyperbaric Medicine, 2016, 46, 166-169.	0.5	1

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37	A survey of scuba diving-related injuries and outcomes among French recreational divers. Diving and Hyperbaric Medicine, 2019, 49, 96-106.	0.5	0