Pierre Lafre

List of Publications by Citations

32 papers	317 citations	11 h-index	16 g-index
37 ext. papers	426 ext. citations	2.7 avg, IF	3.08 L-index

#	Paper	IF	Citations
32	Prognostic factors of spinal cord decompression sickness in recreational diving: retrospective and multicentric analysis of 279 cases. *Neurocritical Care*, **2011**, 15, 120-7	3.3	51
31	Persistence of critical flicker fusion frequency impairment after a 33 mfw SCUBA dive: evidence of prolonged nitrogen narcosis?. *European Journal of Applied Physiology*, **2012**, 112, 4063-8	3.4	37
30	Pre-dive vibration effect on bubble formation after a 30-m dive requiring a decompression stop. *Aviation, Space, and Environmental Medicine*, **2009**, 80, 1044-8		21
29	Pre-hospital management of decompression illness: expert review of key principles and controversies. *Diving and Hyperbaric Medicine*, **2018**, 48, 45-55	1	17
28	Functional comparison between critical flicker fusion frequency and simple cognitive tests in subjects breathing air or oxygen in normobaria. *Diving and Hyperbaric Medicine*, **2013**, 43, 138-42	1	17
27	Objective vs. Subjective Evaluation of Cognitive Performance During 0.4-MPa Dives Breathing Air or Nitrox. *Aerospace Medicine and Human Performance*, **2017**, 88, 469-475	1.1	14
26	The use of portable 2D echocardiography and 'frame-based' bubble counting as a tool to evaluate diving decompression stress. *Diving and Hyperbaric Medicine*, **2014**, 44, 5-13	1	13
25	Critical Flicker Fusion Frequency: A Marker of Cerebral Arousal During Modified Gravitational Conditions Related to Parabolic Flights. *Frontiers in Physiology*, **2018**, 9, 1403	4.6	12
24	Pre-dive Whole-Body Vibration Better Reduces Decompression-Induced Vascular Gas Emboli than Oxygenation or a Combination of Both. *Frontiers in Physiology*, **2016**, 7, 586	4.6	11
23	Increasing Oxygen Partial Pressures Induce a Distinct Transcriptional Response in Human PBMC: A Pilot Study on the "Normobaric Oxygen Paradox". *International Journal of Molecular Sciences*, **2021**, 22,	6.3	11
22	The 'normobaric oxygen paradox': does it increase haemoglobin?. *Diving and Hyperbaric Medicine*, **2012**, 42, 67-71	1	11
21	Evaluation of critical flicker fusion frequency and perceived fatigue in divers after air and enriched air nitrox diving. *Diving and Hyperbaric Medicine*, **2010**, 40, 114-8	1	11
20	Early detection of diving-related cognitive impairment of different nitrogen-oxygen gas mixtures using critical flicker fusion frequency. *Diving and Hyperbaric Medicine*, **2019**, 49, 119-126	1	10
19	Hyperbaric oxygen therapy for acute noise-induced hearing loss: evaluation of different treatment regimens. *Diving and Hyperbaric Medicine*, **2010**, 40, 63-7	1	10
18	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		9
17	Do Environmental Conditions Contribute to Narcosis Onset and Symptom Severity?. *International Journal of Sports Medicine*, **2016**, 37, 1124-1128	3.6	8
16	Can the normobaric oxygen paradox (NOP) increase reticulocyte count after traumatic hip surgery?. *Journal of Clinical Anesthesia*, **2013**, 25, 129-34	1.9	7

List of Publications

15	Evidence of Heritable Determinants of Decompression Sickness in Rats. *Medicine and Science in Sports and Exercise*, **2017**, 49, 2433-2438	1.2	7
14	Patent Foramen Ovale (PFO), Personality Traits, and Iterative Decompression Sickness. Retrospective Analysis of 209 Cases. *Frontiers in Psychology*, **2017**, 8, 1328	3.4	7
13	The normobaric oxygen paradox: does it increase haemoglobin?. *Critical Care*, **2011**, 15,	10.8	4
12	Pulmonary barotrauma in divers during emergency free ascent training: review of 124 cases. *Aviation, Space, and Environmental Medicine*, **2009**, 80, 371-5		4
11	Consensus guideline: Pre-hospital management of decompression illness: expert review of key principles and controversies. *Undersea and Hyperbaric Medicine*, **2018**, 45, 273-286	0.9	4
10	A survey of scuba diving-related injuries and outcomes among French recreational divers. *Diving and Hyperbaric Medicine*, **2019**, 49, 96-106	1	3
9	Physiological characteristics associated with increased resistance to decompression sickness in male and female rats. *Journal of Applied Physiology*, **2020**, 129, 612-625	3.7	3
8	Hypoxic and Hyperoxic Breathing as a Complement to Low-Intensity Physical Exercise Programs: A Proof-of-Principle Study. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
7	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	4.6	2
6	Heart Rate Variability During a Standard Dive: A Role for Inspired Oxygen Pressure?. *Frontiers in Physiology*, **2021**, 12, 635132	4.6	2
5	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	1	2
4	Field study of anthropomorphic and muscle performance changes among elite skippers following a transoceanic race. *International Maritime Health*, **2020**, 71, 20-27	0.9	1
3	The effect of general anaesthesia and neuromuscular blockade on Eustachian tube compliance: a prospective study. *Diving and Hyperbaric Medicine*, **2016**, 46, 166-169	1	1
2	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	3.4	0
1	Comparison of insulation provided by dry or wetsuits among recreational divers during cold water immersion (International Maritime Health, **2021**, 72, 217-222	0.9	0