

Jean-Paul Richalet

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,810
citations

361413

20
h-index

289244

40
g-index

41
all docs

41
docs citations

41
times ranked

1470
citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus Statement on Chronic and Subacute High Altitude Diseases. High Altitude Medicine and Biology, 2005, 6, 147-157.	0.9	467
2	Physiological Risk Factors for Severe High-Altitude Illness. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 192-198.	5.6	231
3	Operation Everest III (Comex '97): Modifications of Cardiac Function Secondary to Altitude-induced Hypoxia. American Journal of Respiratory and Critical Care Medicine, 2000, 161, 264-270.	5.6	126
4	Acetazolamide. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 1427-1433.	5.6	106
5	Determinants of maximal oxygen uptake in moderate acute hypoxia in endurance athletes. European Journal of Applied Physiology, 2007, 100, 663-673.	2.5	81
6	Acetazolamide for Monge's Disease. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 1370-1376.	5.6	80
7	Risk Prediction Score for Severe High Altitude Illness: A Cohort Study. PLoS ONE, 2014, 9, e100642.	2.5	69
8	Operation Everest III: role of plasma volume expansion on $\dot{V}_{E_{max}}$ during prolonged high-altitude exposure. Journal of Applied Physiology, 2000, 89, 29-37.	2.5	56
9	Ageing and cardiorespiratory response to hypoxia. Journal of Physiology, 2012, 590, 5461-5474.	2.9	51
10	Impact of High Altitude on Cardiovascular Health: Current Perspectives. Vascular Health and Risk Management, 2021, Volume 17, 317-335.	2.3	50
11	Exercise and hypoxia: The role of the autonomic nervous system. Respiratory Physiology and Neurobiology, 2007, 158, 280-286.	1.6	46
12	Effects of high-altitude hypoxia on the hormonal response to hypothalamic factors. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R1685-R1692.	1.8	45
13	Operation Everest III (COMEX '97). Advances in Experimental Medicine and Biology, 1999, , 297-317.	1.6	37
14	CrossTalk opposing view: Barometric pressure, independent of P_{aO_2} , is not the forgotten parameter in altitude physiology and mountain medicine. Journal of Physiology, 2020, 598, 897-899.	2.9	32
15	Plasma volume in acute hypoxia: comparison of a carbon monoxide rebreathing method and dye dilution with Evans' blue. European Journal of Applied Physiology, 1998, 77, 457-461.	2.5	29
16	Electrocardiographic Changes During Exercise in Acute Hypoxia and Susceptibility to Severe High-Altitude Illnesses. Circulation, 2015, 131, 786-794.	1.6	29
17	Myocardial adrenergic and cholinergic receptor function in hypoxia: correlation with \dot{V}_{O_2} transport in exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R730-R738.	1.8	28
18	Operation Everest III: COMEX '97. High Altitude Medicine and Biology, 2010, 11, 121-132.	0.9	28

#	ARTICLE	IF	CITATIONS
19	Ventilatory and cardiac responses to hypoxia at submaximal exercise are independent of altitude and exercise intensity. <i>Journal of Applied Physiology</i> , 2012, 112, 566-570.	2.5	23
20	Physiological and Clinical Implications of Adrenergic Pathways at High Altitude. <i>Advances in Experimental Medicine and Biology</i> , 2016, 903, 343-356.	1.6	23
21	Periodic breathing in healthy humans at exercise in hypoxia*. <i>Journal of Applied Physiology</i> , 2015, 118, 115-123.	2.5	21
22	Autonomic Adaptations in Andean Trained Participants to a 4220-m Altitude Marathon. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 2148-2153.	0.4	20
23	Validation of a Score for the Detection of Subjects with High Risk for Severe High-Altitude Illness. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 1294-1302.	0.4	20
24	Systemic blood pressure at exercise in hypoxia in hypertensive and normotensive patients. <i>Journal of Hypertension</i> , 2017, 35, 2402-2410.	0.5	14
25	The invention of hypoxia. <i>Journal of Applied Physiology</i> , 2021, 130, 1573-1582.	2.5	14
26	Ventilatory oscillations at exercise: effects of hyperoxia, hypercapnia, and acetazolamide. <i>Physiological Reports</i> , 2015, 3, e12446.	1.7	12
27	Evaluation of the Lake Louise Score for Acute Mountain Sickness and Its 2018 Version in a Cohort of 484 Trekkers at High Altitude. <i>High Altitude Medicine and Biology</i> , 2021, 22, 353-361.	0.9	10
28	Ventilatory oscillations at exercise in hypoxia: A mathematical model. <i>Journal of Theoretical Biology</i> , 2016, 411, 92-101.	1.7	8
29	Transient Cerebral Ischemia at High Altitude and Hyper-Responsiveness to Hypoxia. <i>High Altitude Medicine and Biology</i> , 2020, 21, 105-108.	0.9	8
30	Évaluation de la tolérance à l'hypoxie et susceptibilité aux pathologies de haute altitude. <i>Science and Sports</i> , 2015, 30, 355-363.	0.5	7
31	Exercising in Hypoxia and Other Stimuli: Heart Rate Variability and Ventilatory Oscillations. <i>Life</i> , 2021, 11, 625.	2.4	7
32	Low-frequency ventilatory oscillations in hypoxia are a major contributor to the low-frequency component of heart rate variability. <i>European Journal of Applied Physiology</i> , 2019, 119, 1769-1777.	2.5	5
33	Submaximal aerobic exercise training reduces haematocrit and ameliorates symptoms in Andean highlanders with chronic mountain sickness. <i>Experimental Physiology</i> , 2021, 106, 2198-2209.	2.0	5
34	Modeling the oxygen transport to the myocardium at maximal exercise at high altitude. <i>Physiological Reports</i> , 2022, 10, e15262.	1.7	5
35	Effect of dead space on breathing stability at exercise in hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2017, 246, 26-32.	1.6	4
36	Modeling the Evans Blue Dilution Method for the Measurement of Plasma Volume in Small Animals: A New Optimized Method. <i>Annals of Biomedical Engineering</i> , 2018, 46, 2189-2195.	2.5	3

#	ARTICLE	IF	CITATIONS
37	Effect of exercise training in rats exposed to chronic hypoxia: Application for Monge's disease. <i>Physiological Reports</i> , 2021, 9, e14750.	1.7	2
38	Reply to Drs. Teppema, Berendsen, and Swenson. <i>Journal of Applied Physiology</i> , 2016, 120, 1492-1492.	2.5	1
39	Rebuttal from Jean-Paul Richalet. <i>Journal of Physiology</i> , 2020, 598, 903-903.	2.9	1
40	Expert group syndrome at high altitude. <i>Sports Medicine and Health Science</i> , 2022, , .	2.0	0