

Alexander Patrician

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

800
citations

687363

13
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

947
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcranial Doppler ultrasound: Valid, invalid, or both?. <i>Journal of Applied Physiology</i> , 2014, 117, 1081-1083.	2.5	141
2	Regulation of cerebral blood flow in mammals during chronic hypoxia: a matter of balance. <i>Experimental Physiology</i> , 2010, 95, 251-262.	2.0	131
3	Breathing and sleep at high altitude. <i>Respiratory Physiology and Neurobiology</i> , 2013, 188, 233-256.	1.6	122
4	Static autoregulation in humans: a review and reanalysis. <i>Medical Engineering and Physics</i> , 2014, 36, 1487-1495.	1.7	92
5	Influence of sympathoexcitation at high altitude on cerebrovascular function and ventilatory control in humans. <i>Journal of Applied Physiology</i> , 2012, 113, 1058-1067.	2.5	42
6	Examination of a New Delivery Approach for Oral Cannabidiol in Healthy Subjects: A Randomized, Double-Blinded, Placebo-Controlled Pharmacokinetics Study. <i>Advances in Therapy</i> , 2019, 36, 3196-3210.	2.9	36
7	The 2018 Global Research Expedition on Altitude Related Chronic Health (Global REACH) to Cerro de Pasco, Peru: an Experimental Overview. <i>Experimental Physiology</i> , 2021, 106, 86-103.	2.0	24
8	Arterial carbon dioxide and bicarbonate rather than pH regulate cerebral blood flow in the setting of acute experimental metabolic alkalosis. <i>Journal of Physiology</i> , 2021, 599, 1439-1457.	2.9	22
9	Nitric oxide contributes to cerebrovascular shear-mediated dilatation but not steady-state cerebrovascular reactivity to carbon dioxide. <i>Journal of Physiology</i> , 2022, 600, 1385-1403.	2.9	21
10	UBC-Nepal Expedition: An experimental overview of the 2016 University of British Columbia Scientific Expedition to Nepal Himalaya. <i>PLoS ONE</i> , 2018, 13, e0204660.	2.5	19
11	Lessons from the laboratory; integrated regulation of cerebral blood flow during hypoxia. <i>Experimental Physiology</i> , 2016, 101, 1160-1166.	2.0	18
12	Evidence for temperature-mediated regional increases in cerebral blood flow during exercise. <i>Journal of Physiology</i> , 2020, 598, 1459-1473.	2.9	17
13	Influence of iron manipulation on hypoxic pulmonary vasoconstriction and pulmonary reactivity during ascent and acclimatization to 5050Åm. <i>Journal of Physiology</i> , 2021, 599, 1685-1708.	2.9	17
14	Acute reductions in haematocrit increase flow-mediated dilatation independent of resting nitric oxide bioavailability in humans. <i>Journal of Physiology</i> , 2020, 598, 4225-4236.	2.9	15
15	Breath-Hold Diving – The Physiology of Diving Deep and Returning. <i>Frontiers in Physiology</i> , 2021, 12, 639377.	2.8	13
16	Big brain, small body: towards a better understanding of cerebrovascular physiology in children. <i>Journal of Physiology</i> , 2016, 594, 2563-2563.	2.9	11
17	Cardiorespiratory and cerebrovascular responses to head-up tilt I: Influence of age and training status. <i>Experimental Gerontology</i> , 2011, 46, 9-17.	2.8	9
18	On the nature of research at high altitude: packing it all in!. <i>Experimental Physiology</i> , 2014, 99, 741-742.	2.0	8

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19	Alterations in arterial CO ₂ rather than pH affect the kinetics of neurovascular coupling in humans. <i>Journal of Physiology</i> , 2021, 599, 3663-3676.	2.9	8
20	Global Research Expedition on Altitude-related Chronic Health 2018 Iron Infusion at High Altitude Reduces Hypoxic Pulmonary Vasoconstriction Equally in Both Lowlanders and Healthy Andean Highlanders. <i>Chest</i> , 2022, 161, 1022-1035.	0.8	8
21	Temporal changes in pulmonary gas exchange efficiency when breath-hold diving below residual volume. <i>Experimental Physiology</i> , 2021, 106, 1120-1133.	2.0	7
22	Case Studies in Physiology: Breath-hold diving beyond 100 meters—cardiopulmonary responses in world-champion divers. <i>Journal of Applied Physiology</i> , 2021, 130, 1345-1350.	2.5	6
23	Association Between Arterial Oxygen Saturation and Lung Ultrasound B-Lines After Competitive Deep Breath-Hold Diving. <i>Frontiers in Physiology</i> , 2021, 12, 711798.	2.8	5
24	UBC-Nepal expedition: dynamic cerebral autoregulation is attenuated in lowlanders upon ascent to 5050m. <i>European Journal of Applied Physiology</i> , 2020, 120, 675-686.	2.5	4
25	Global REACH 2018: The Effect of an Expiratory Resistance Mask with Dead Space on Sleep and Acute Mountain Sickness During Acute Exposure to Hypobaric Hypoxia. <i>High Altitude Medicine and Biology</i> , 2020, 21, 297-302.	0.9	3
26	Regional brain blood flow regulation during orthostatic stress: new insights from volumetric brain blood flow measurements. <i>Experimental Physiology</i> , 2012, 97, 1247-1248.	2.0	1