Anthony Bain

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1394332/publications.pdf

Version: 2024-02-01

32 papers	876 citations	567281 15 h-index	526287 27 g-index
32 all docs	32 docs citations	32 times ranked	1026 citing authors

#	Article	IF	Citations
1	GLOBAL REACH 2018: intraâ€arterial vitamin C improves endothelialâ€dependent vasodilatory function in humans at high altitude. Journal of Physiology, 2022, 600, 1373-1383.	2.9	5
2	Hypoxemia increases blood-brain barrier permeability during extreme apnea in humans. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 1120-1135.	4.3	18
3	Trans-cerebral HCO₃^{â^'} and PCO₂ exchange during acute respiratory acidosis and exercise-induced metabolic acidosis in humans. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 559-571.	4.3	6
4	The 2018 Global Research Expedition on Altitude Related Chronic Health (Global REACH) to Cerro de Pasco, Peru: an Experimental Overview. Experimental Physiology, 2021, 106, 86-103.	2.0	24
5	Negligible influence of moderate to severe hyperthermia on blood-brain barrier permeability and neuronal parenchymal integrity in healthy men. Journal of Applied Physiology, 2021, 130, 792-800.	2.5	6
6	Regular aerobic exercise counteracts endothelial vasomotor dysfunction associated with insufficient sleep. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H1080-H1088.	3.2	14
7	Global REACH 2018: Influence of excessive erythrocytosis on coagulation and fibrinolytic factors in Andean highlanders. Experimental Physiology, 2021, 106, 1335-1342.	2.0	1
8	Assessment of respiratory effort with EMG extracted from ECG recordings during prolonged breath holds: Insights into obstructive apnea and extreme physiology. Physiological Reports, 2021, 9, e14873.	1.7	1
9	Global REACH 2018: dysfunctional extracellular microvesicles in Andean highlander males with excessive erythrocytosis. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H1851-H1861.	3.2	10
10	Negative Influence of Insufficient Sleep on Endothelial Vasodilator and Fibrinolytic Function in Hypertensive Adults. Hypertension, 2021, 78, 1829-1840.	2.7	3
11	Cerebral metabolism, oxidation and inflammation in severe passive hyperthermia with and without respiratory alkalosis. Journal of Physiology, 2020, 598, 943-954.	2.9	14
12	To survive a dive; cerebral oxygen delivery and our aquatic heritage. Experimental Physiology, 2020, 105, 925-927.	2.0	0
13	Physiology of static breath holding in elite apneists. Experimental Physiology, 2018, 103, 635-651.	2.0	53
14	Competitive apnea and its effect on the human brain: focus on the redox regulation of bloodâ€brain barrier permeability and neuronalâ€parenchymal integrity. FASEB Journal, 2018, 32, 2305-2314.	0.5	22
15	Hypercapnia is essential to reduce the cerebral oxidative metabolism during extreme apnea in humans. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 3231-3242.	4.3	27
16	Passive heat stress reduces circulating endothelial and platelet microparticles. Experimental Physiology, 2017, 102, 663-669.	2.0	20
17	Forced vital capacity and not central chemoreflex predicts maximal hyperoxic breath-hold duration in elite apneists. Respiratory Physiology and Neurobiology, 2017, 242, 8-11.	1.6	9
18	Î²₁-Blockade increases maximal apnea duration in elite breath-hold divers. Journal of Applied Physiology, 2017, 122, 899-906.	2.5	14

#	Article	IF	Citations
19	Surviving Without Oxygen: How Low Can the Human Brain Go?. High Altitude Medicine and Biology, 2017, 18, 73-79.	0.9	28
20	Insufficient sleep is associated with impaired nitric oxide-mediated endothelium-dependent vasodilation. Atherosclerosis, 2017, 265, 41-46.	0.8	37
21	One session of remote ischemic preconditioning does not improve vascular function in acute normobaric and chronic hypobaric hypoxia. Experimental Physiology, 2017, 102, 1143-1157.	2.0	16
22	Influence of lung volume on the interaction between cardiac output and cerebrovascular regulation during extreme apnoea. Experimental Physiology, 2017, 102, 1288-1299.	2.0	7
23	Acute hypoxaemia and vascular function in healthy humans. Experimental Physiology, 2017, 102, 1635-1646.	2.0	21
24	Role of cerebral blood flow in extreme breath holding. Translational Neuroscience, 2016, 7, 12-16.	1.4	6
25	Cerebral oxidative metabolism is decreased with extreme apnoea in humans; impact of hypercapnia. Journal of Physiology, 2016, 594, 5317-5328.	2.9	36
26	Hypoxemia, oxygen content, and the regulation of cerebral blood flow. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R398-R413.	1.8	171
27	Cerebral Vascular Control and Metabolism in Heat Stress. , 2015, 5, 1345-1380.		69
28	Peripheral chemoreflex inhibition with low-dose dopamine: New insight into mechanisms of extreme apnea. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R1162-R1171.	1.8	17
29	Regulation of Brain Blood Flow and Oxygen Delivery in Elite Breath-Hold Divers. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 66-73.	4.3	54
30	Static autoregulation in humans: a review and reanalysis. Medical Engineering and Physics, 2014, 36, 1487-1495.	1.7	92
31	On the limits of cerebral oxygen extraction. Journal of Physiology, 2014, 592, 2917-2918.	2.9	6
32	Regional changes in brain blood flow during severe passive hyperthermia: effects of Pa_{CO₂} and extracranial blood flow. Journal of Applied Physiology, 2013, 115, 653-659.	2.5	69