Samuel Je Lucas

List of Publications by Year
in descending order

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145 papers	5,075 citations	126708 33 h-index	110170 64 g-index
154 all docs	154 docs citations	154 times ranked	5285 citing authors

#	Article	IF	Citations
1	Utility of transcranial Doppler ultrasound for the integrative assessment of cerebrovascular function. Journal of Neuroscience Methods, 2011, 196, 221-237.	1.3	460
2	Elevation in cerebral blood flow velocity with aerobic fitness throughout healthy human ageing. Journal of Physiology, 2008, 586, 4005-4010.	1.3	341
3	Nicotinamide Riboside Augments the Aged Human Skeletal Muscle NAD+ Metabolome and Induces Transcriptomic and Anti-inflammatory Signatures. Cell Reports, 2019, 28, 1717-1728.e6.	2.9	253
4	Influence of Changes in Blood Pressure on Cerebral Perfusion and Oxygenation. Hypertension, 2010, 55, 698-705.	1.3	239
5	Cerebral blood flow and cerebrovascular reactivity at rest and during sub-maximal exercise: Effect of age and 12-week exercise training. Age, 2013, 35, 905-920.	3.0	161
6	High-Intensity Interval Exercise and Cerebrovascular Health: Curiosity, Cause, and Consequence. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 902-911.	2.4	150
7	â€˜Exercise snacksâ€™ before meals: a novel strategy to improve glycaemic control in individuals with insulin resistance. Diabetologia, 2014, 57, 1437-1445.	2.9	134
8	Effect of age on exercise-induced alterations in cognitive executive function: Relationship to cerebral perfusion. Experimental Gerontology, 2012, 47, 541-551.	1.2	128
9	Breathing and sleep at high altitude. Respiratory Physiology and Neurobiology, 2013, 188, 233-256.	0.7	122
10	Cerebrovascular Regulation During Transient Hypotension and Hypertension in Humans. Hypertension, 2010, 56, 268-273.	1.3	119
11	Near-Infrared Spectroscopy in the Monitoring of Adult Traumatic Brain Injury: A Review. Journal of Neurotrauma, 2015, 32, 933-941.	1.7	119
12	Evidence cerebral blood-flow regulation mediates exerciseâ€“cognition links in healthy young adults.. Neuropsychology, 2015, 29, 1-9.	1.0	103
13	Alterations in cerebral blood flow and cerebrovascular reactivity during 14 days at 5050 m. Journal of Physiology, 2011, 589, 741-753.	1.3	92
14	HIITing the brain with exercise: mechanisms, consequences and practical recommendations. Journal of Physiology, 2020, 598, 2513-2530.	1.3	92
15	Fundamental relationships between arterial baroreflex sensitivity and dynamic cerebral autoregulation in humans. Journal of Applied Physiology, 2010, 108, 1162-1168.	1.2	92
16	Losing the dogmatic view of cerebral autoregulation. Physiological Reports, 2021, 9, e14982.	0.7	73
17	Influence of baroreflex-mediated tachycardia on the regulation of dynamic cerebral perfusion during acute hypotension in humans. Journal of Physiology, 2010, 588, 365-371.	1.3	71
18	Conduit artery structure and function in lowlanders and native highlanders: relationships with oxidative stress and role of sympathoexcitation. Journal of Physiology, 2014, 592, 1009-1024.	1.3	71

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19	Respiratory modulation of cardiovagal baroreflex sensitivity. Journal of Applied Physiology, 2009, 107, 718-724.	1.2	70
20	Influence of high altitude on cerebrovascular and ventilatory responsiveness to CO₂. Journal of Physiology, 2010, 588, 539-549.	1.3	69
21	Lower-limb hot-water immersion acutely induces beneficial hemodynamic and cardiovascular responses in peripheral arterial disease and healthy, elderly controls. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 312, R281-R291.	0.9	68
22	Diminished dynamic cerebral autoregulatory capacity with forced oscillations in mean arterial pressure with elevated cardiorespiratory fitness. Physiological Reports, 2017, 5, e13486.	0.7	60
23	Influence of high altitude on cerebral blood flow and fuel utilization during exercise and recovery. Journal of Physiology, 2014, 592, 5507-5527.	1.3	59
24	Cerebrovascular and corticomotor function during progressive passive hyperthermia in humans. Journal of Applied Physiology, 2012, 112, 748-758.	1.2	58
25	Alterations in autonomic function and cerebral hemodynamics to orthostatic challenge following a mountain marathon. Journal of Applied Physiology, 2007, 103, 88-96.	1.2	52
26	Dietary flavanols improve cerebral cortical oxygenation and cognition in healthy adults. Scientific Reports, 2020, 10, 19409.	1.6	48
27	Intensity and physiological strain of competitive ultra-endurance exercise in humans. Journal of Sports Sciences, 2008, 26, 477-489.	1.0	44
28	Shining a Light on Awareness: A Review of Functional Near-Infrared Spectroscopy for Prolonged Disorders of Consciousness. Frontiers in Neurology, 2018, 9, 350.	1.1	43
29	Influence of indomethacin on ventilatory and cerebrovascular responsiveness to CO₂and breathing stability: the influence of P<scp>co</scp>₂gradients. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R1648-R1658.	0.9	42
30	Influence of sympathoexcitation at high altitude on cerebrovascular function and ventilatory control in humans. Journal of Applied Physiology, 2012, 113, 1058-1067.	1.2	42
31	Cerebral Pressureâ€“Flow Relationship in Lowlanders and Natives at High Altitude. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 248-257.	2.4	40
32	Substantive hemodynamic and thermal strain upon completing lower-limb hot-water immersion; comparisons with treadmill running. Temperature, 2016, 3, 286-297.	1.7	40
33	Neurovascular coupling and cerebral autoregulation in atrial fibrillation. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1647-1657.	2.4	38
34	The impact of 100 hours of exercise and sleep deprivation on cognitive function and physical capacities. Journal of Sports Sciences, 2009, 27, 719-728.	1.0	37
35	Mood, Illness and Injury Responses and Recovery with Adventure Racing. Wilderness and Environmental Medicine, 2008, 19, 30-38.	0.4	34
36	Diurnal variation in time to presyncope and associated circulatory changes during a controlled orthostatic challenge. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R55-R61.	0.9	34

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37	Slow breathing as a means to improve orthostatic tolerance: a randomized sham-controlled trial. Journal of Applied Physiology, 2013, 115, 202-211.	1.2	34
38	Reliability of Contrast-Enhanced Ultrasound for the Assessment of Muscle Perfusion in Health and Peripheral Arterial Disease. Ultrasound in Medicine and Biology, 2015, 41, 26-34.	0.7	34
39	Effects of acetazolamide on cerebrovascular function and breathing stability at 5050 m. Journal of Physiology, 2012, 590, 1213-1225.	1.3	32
40	Cerebral hemodynamics during graded Valsalva maneuvers. Frontiers in Physiology, 2014, 5, 349.	1.3	32
41	Resting pulmonary haemodynamics and shunting: a comparison of seaâ€level inhabitants to high altitude Sherpas. Journal of Physiology, 2014, 592, 1397-1409.	1.3	31
42	Mechanisms of orthostatic intolerance following very prolonged exercise. Journal of Applied Physiology, 2008, 105, 213-225.	1.2	30
43	Worsening of central sleep apnea at high altitudeâ€”a role for cerebrovascular function. Journal of Applied Physiology, 2013, 114, 1021-1028.	1.2	29
44	Mild dehydration modifies the cerebrovascular response to the cold pressor test. Experimental Physiology, 2016, 101, 135-142.	0.9	29
45	Cerebral Oxygenation in Traumatic Brain Injury: Can a Non-Invasive Frequency Domain Near-Infrared Spectroscopy Device Detect Changes in Brain Tissue Oxygen Tension as Well as the Established Invasive Monitor?. Journal of Neurotrauma, 2019, 36, 1175-1183.	1.7	28
46	The CO₂ stimulus duration and steadyâ€state time point used for data extraction alters the cerebrovascular reactivity outcome measure. Experimental Physiology, 2020, 105, 893-903.	0.9	28
47	Cognitive Difficulty Intensifies Age-related Changes in Anterior Frontal Hemodynamics: Novel Evidence from Near-infrared Spectroscopy. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 181-188.	1.7	27
48	Advances in the available non-biological pharmacotherapy prevention and treatment of acute mountain sickness and high altitude cerebral and pulmonary oedema. Expert Opinion on Pharmacotherapy, 2018, 19, 1891-1902.	0.9	27
49	Influence of indomethacin on the ventilatory and cerebrovascular responsiveness to hypoxia. European Journal of Applied Physiology, 2011, 111, 601-610.	1.2	26
50	Frequency-domain vs continuous-wave near-infrared spectroscopy devices: a comparison of clinically viable monitors in controlled hypoxia. Journal of Clinical Monitoring and Computing, 2017, 31, 967-974.	0.7	26
51	The effect of partial acclimatization to high altitude on loop gain and central sleep apnoea severity. Respirology, 2012, 17, 835-840.	1.3	25
52	Hypoxia, not pulmonary vascular pressure, induces blood flow through intrapulmonary arteriovenous anastomoses. Journal of Physiology, 2015, 593, 723-737.	1.3	25
53	Fine wine or sour grapes? A systematic review and meta-analysis of the impact of red wine polyphenols on vascular health. European Journal of Nutrition, 2021, 60, 1-28.	1.8	23
54	The effect of hypercapnia on static cerebral autoregulation. Physiological Reports, 2014, 2, e12059.	0.7	22

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55	Postexercise orthostatic intolerance: influence of exercise intensity. Experimental Physiology, 2015, 100, 915-925.	0.9	22
56	Brain train to combat brain drain; focus on exercise strategies that optimize neuroprotection. Experimental Physiology, 2016, 101, 1178-1184.	0.9	22
57	Exacerbation of Obstructive Sleep Apnea by Oral Indomethacin. Chest, 2010, 137, 707-710.	0.4	21
58	Exhaled nitric oxide and pulmonary artery pressures during graded ascent to high altitude. Respiratory Physiology and Neurobiology, 2011, 177, 213-217.	0.7	21
59	Initial orthostatic hypotension and cerebral blood flow regulation: effect of Î±₁-adrenoreceptor activity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R147-R154.	0.9	21
60	Swimmingâ€related effects on cerebrovascular and cognitive function. Physiological Reports, 2019, 7, e14247.	0.7	21
61	Nine-, but Not Four-Days Heat Acclimation Improves Self-Paced Endurance Performance in Females. Frontiers in Physiology, 2019, 10, 539.	1.3	21
62	Nearâ€infrared spectroscopy reveals link between chronic physical activity and anterior frontal oxygenated hemoglobin in healthy young women. Psychophysiology, 2015, 52, 609-617.	1.2	20
63	Increased fat oxidation and regulation of metabolic genes with ultraendurance exercise. Acta Physiologica, 2007, 191, 77-86.	1.8	19
64	Exerciseâ€induced wheeze: Fraction of exhaled nitric oxideâ€directed management. Respirology, 2010, 15, 683-690.	1.3	19
65	Integrative physiological and behavioural responses to sudden cold-water immersion are similar in skilled and less-skilled swimmers. Physiology and Behavior, 2015, 138, 254-259.	1.0	19
66	Isolating the independent effects of hypoxia and hyperventilationâ€induced hypocapnia on cerebral haemodynamics and cognitive function. Experimental Physiology, 2019, 104, 1482-1493.	0.9	19
67	Concurrent brain endurance training improves endurance exercise performance. Journal of Science and Medicine in Sport, 2021, 24, 405-411.	0.6	19
68	Effects of submaximal and supramaximal interval training on determinants of endurance performance in endurance athletes. Scandinavian Journal of Medicine and Science in Sports, 2017, 27, 318-326.	1.3	17
69	Evidence for temperatureâ€mediated regional increases in cerebral blood flow during exercise. Journal of Physiology, 2020, 598, 1459-1473.	1.3	17
70	Responses to Sudden Cold-Water Immersion in Inexperienced Swimmers Following Training. Aviation, Space, and Environmental Medicine, 2013, 84, 850-855.	0.6	16
71	The cerebrovascular response to graded Valsalva maneuvers while standing. Physiological Reports, 2014, 2, e00233.	0.7	16
72	Hemodynamic Response to Upright Resistance Exercise. Medicine and Science in Sports and Exercise, 2014, 46, 479-487.	0.2	16

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73	Low-Volume Intense Exercise Elicits Post-exercise Hypotension and Subsequent Hypervolemia, Irrespective of Which Limbs Are Exercised. Frontiers in Physiology, 2016, 7, 199.	1.3	16
74	Increasing cerebral blood flow reduces the severity of central sleep apnea at high altitude. Journal of Applied Physiology, 2018, 124, 1341-1348.	1.2	16
75	Implications of habitual endurance and resistance exercise for dynamic cerebral autoregulation. Experimental Physiology, 2019, 104, 1780-1789.	0.9	16
76	Impaired Cerebrovascular Reactivity in Patients With Atrial Fibrillation. Journal of the American College of Cardiology, 2019, 73, 1230-1232.	1.2	16
77	Contrasting Measures of Cerebrovascular Reactivity Between MRI and Doppler: A Cross-Sectional Study of Younger and Older Healthy Individuals. Frontiers in Physiology, 2021, 12, 656746.	1.3	16
78	Initial Orthostatic Hypotension at High Altitude. High Altitude Medicine and Biology, 2010, 11, 163-167.	0.5	15
79	Î±1-Adrenoreceptor activity does not explain lower morning endothelial-dependent, flow-mediated dilation in humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R1437-R1442.	0.9	15
80	Swimming in warm water is ineffective in heat acclimation and is nonâ€ergogenic for swimmers. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, 277-286.	1.3	15
81	Advances in Exercise, Physical Activity, and Diabetes Mellitus. Diabetes Technology and Therapeutics, 2016, 18, S-76-S-85.	2.4	15
82	Is There Diurnal Variation in Initial and Delayed Orthostatic Hypotension During Standing and Head-up Tilt?. Chronobiology International, 2011, 28, 135-145.	0.9	14
83	Cerebrovascular responses during rowing: Do circadian rhythms explain morning and afternoon performance differences?. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, 467-475.	1.3	14
84	Cerebral Blood Flow Responses to Aquatic Treadmill Exercise. Medicine and Science in Sports and Exercise, 2017, 49, 1305-1312.	0.2	14
85	A novel mixed living high training low intervention and the hematological module of the athlete biological passport. Drug Testing and Analysis, 2020, 12, 323-330.	1.6	14
86	Cerebral Hemodynamic and Neurotrophic Factor Responses Are Dependent on the Type of Exercise. Frontiers in Physiology, 2020, 11, 609935.	1.3	14
87	Influence of Cerebral Blood Flow on Central Sleep Apnea at High Altitude. Sleep, 2014, 37, 1679-1687.	0.6	13
88	Higher physical fitness levels are associated with less language decline in healthy ageing. Scientific Reports, 2018, 8, 6715.	1.6	13
89	Diurnal Variations in Vascular Endothelial Vasodilation Are Influenced by Chronotype in Healthy Humans. Frontiers in Physiology, 2019, 10, 901.	1.3	13
90	Investigating links between habitual physical activity, cerebrovascular function, and cognitive control in healthy older adults. Neuropsychologia, 2019, 125, 62-69.	0.7	13

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91	Intermittent post-exercise sauna bathing improves markers of exercise capacity in hot and temperate conditions in trained middle-distance runners. European Journal of Applied Physiology, 2021, 121, 621-635.	1.2	13
92	Middle cerebral artery blood flow velocity in response to lower body positive pressure. Clinical Physiology and Functional Imaging, 2013, 33, 483-488.	0.5	12
93	Heat and Dehydration Additively Enhance Cardiovascular Outcomes following Orthostatically-Stressful Calisthenics Exercise. Frontiers in Physiology, 2017, 8, 756.	1.3	12
94	Geographic components of SARS-CoV-2 expansion: a hypothesis. Journal of Applied Physiology, 2020, 129, 257-262.	1.2	12
95	Exerciseâ€induced elevations in cerebral blood velocity are greater in running compared to cycling at higher intensities. Physiological Reports, 2020, 8, e14539.	0.7	12
96	Indomethacin markedly blunts cerebral perfusion and reactivity, with little cognitive consequence in healthy young and older adults. Journal of Physiology, 2021, 599, 1097-1113.	1.3	12
97	The Acute Cardiorespiratory and Cerebrovascular Response to Resistance Exercise. Sports Medicine - Open, 2021, 7, 36.	1.3	12
98	Effect of Whole-Body Vibration Therapy on Performance Recovery. International Journal of Sports Physiology and Performance, 2015, 10, 388-395.	1.1	11
99	Acetazolamide reduces exercise capacity following a 5-day ascent to 4559 m in a randomised study. BMJ Open Sport and Exercise Medicine, 2018, 4, e000302.	1.4	11
100	Moving in extreme environments: extreme loading; carriage versus distance. Extreme Physiology and Medicine, 2016, 5, 6.	2.5	10
101	Measuring resting cerebral haemodynamics using MRI arterial spin labelling and transcranial Doppler ultrasound: Comparison in younger and older adults. Brain and Behavior, 2021, 11, e02126.	1.0	10
102	Chemoreceptor Responsiveness at Sea Level Does Not Predict the Pulmonary Pressure Response to High Altitude. Chest, 2015, 148, 219-225.	0.4	9
103	A Systematic Review and Meta-Analysis Examining Whether Changing Ovarian Sex Steroid Hormone Levels Influence Cerebrovascular Function. Frontiers in Physiology, 2021, 12, 687591.	1.3	9
104	The Effect of Time-of-Day and Sympathetic Î±1-Blockade on Orthostatic Tolerance. Chronobiology International, 2012, 29, 882-890.	0.9	7
105	Similar metabolic response to lower- versus upper-body interval exercise or endurance exercise. Metabolism: Clinical and Experimental, 2017, 68, 1-10.	1.5	7
106	Assessment of the cerebral pressureâ€flow relationship using psychological stress to manipulate blood pressure. Psychophysiology, 2018, 55, e13265.	1.2	7
107	Cerebrovascular regulation is not blunted during mental stress. Experimental Physiology, 2019, 104, 1678-1687.	0.9	7
108	Acute exercise-related cognitive effects are not attributable to changes in end-tidal CO2 or cerebral blood velocity. European Journal of Applied Physiology, 2020, 120, 1637-1649.	1.2	7

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109	The cardiovascular risk factor, soluble CD40 ligand (CD154), but not soluble CD40 is lowered by ultra-endurance exercise in athletes. British Journal of Sports Medicine, 2011, 45, 42-45.	3.1	6
110	A pilot study to assess the effect of acute exercise on brain glutathione. Free Radical Research, 2018, 52, 57-69.	1.5	6
111	Infrared Thermographic Analysis of Surface Temperature of the Hands During Exposure to Normobaric Hypoxia. High Altitude Medicine and Biology, 2018, 19, 388-393.	0.5	6
112	Regulation of cerebral blood flow by arterial PCO₂ independent of metabolic acidosis at 5050Âm. Journal of Physiology, 2021, 599, 3513-3530.	1.3	6
113	Profound hyperventilation and development of periodic breathing during exceptional orthostatic stress in a 21-year-old man. Respiratory Physiology and Neurobiology, 2011, 177, 66-70.	0.7	4
114	Improving the quantitative accuracy of cerebral oxygen saturation in monitoring the injured brain using atlas based Near Infrared Spectroscopy models. Journal of Biophotonics, 2016, 9, 812-826.	1.1	4
115	The Valsalva maneuver: an indispensable physiological tool to differentiate intra versus extracranial near-infrared signal. Biomedical Optics Express, 2020, 11, 1712.	1.5	4
116	Baseline Psychological Traits Contribute to Lake Louise Acute Mountain Sickness Score at High Altitude. High Altitude Medicine and Biology, 2022, 23, 69-77.	0.5	4
117	Does Arterial Health Affect VÂ·O2peak and Muscle Oxygenation in a Sedentary Cohort?. Medicine and Science in Sports and Exercise, 2015, 47, 272-279.	0.2	3
118	Assessing Cerebrovascular Responsiveness. Medicine and Science in Sports and Exercise, 2017, 49, 825.	0.2	3
119	Hypoxia is not the primary mechanism contributing to exercise-induced proteinuria. BMJ Open Sport and Exercise Medicine, 2020, 6, e000662.	1.4	3
120	Sex differences in adaptation to intermittent post-exercise sauna bathing in trained middle-distance runners. Sports Medicine - Open, 2021, 7, 51.	1.3	3
121	Physiological responses to a five-day adventure race: Continuous blood glucose, hemodynamics and metabolites the 2012 GODZone field-study. Journal of Exercise Science and Fitness, 2018, 16, 78-82.	0.8	2
122	Acetazolamide can impair exercise performance; it depends upon the cohort studied. Journal of Applied Physiology, 2020, 128, 1457-1457.	1.2	2
123	Effect of losartan on performance and physiological responses to exercise at high altitude (5035 m). BMJ Open Sport and Exercise Medicine, 2021, 7, e000982.	1.4	2
124	Imaging Cerebral Blood Flow for Brain Health Measurement. , 2022, , 126-135.		2
125	Response to The Cerebrovascular Pressure-Flow Relationship: A Simple Concept But a Complex Phenomenon. Hypertension, 2010, 56, .	1.3	1
126	Hot-water immersion increases popliteal artery shear stress in Peripheral Arterial Disease. Extreme Physiology and Medicine, 2015, 4, .	2.5	1

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127	Comparison of neurological NIRS signals during standing Valsalva maneuvers, pre and post vasoconstrictor injection. , 2015, , .		1
128	Comparison of near infrared spectroscopy with functional MRI for detection of physiological changes in the brain independent of superficial tissue. Lancet, The, 2016, 387, S34.	6.3	1
129	Losartan Does Not Affect Maximal Exercise Performance at High Altitude (5000 m). Medicine and Science in Sports and Exercise, 2017, 49, 250.	0.2	1
130	Monitoring the Injured Brain â€“ Registered, patient specific atlas models to improve accuracy of recovered brain saturation values. , 2015, , .		1
131	Postexercise urinary alpha-1 acid glycoprotein is not dependent on hypoxia. Journal of Applied Physiology, 2022, 132, 261-269.	1.2	1
132	Environmental physiology research presented at ICEE2013. Extreme Physiology and Medicine, 2013, 2, 22.	2.5	0
133	Haematological adaptations to High Intensity Interval Training (HIIT) in temperate and hot environments. Extreme Physiology and Medicine, 2015, 4, .	2.5	0
134	Exercising Our Brains, Muscles and Cells to Fight the Ageing Process. Science Progress, 2015, 98, 413-415.	1.0	0
135	Monitoring the injured brain: registered, patient specific atlas models to improve accuracy of recovered brain saturation values. Proceedings of SPIE, 2015, , .	0.8	0
136	Effect Of Aquatic-treadmill Training On Cerebrovascular Function In Community-dwelling Stroke Survivors. Medicine and Science in Sports and Exercise, 2017, 49, 30.	0.2	0
137	[ICâ€Pâ€159]: A COMPARISON OF BRAIN IMAGING MODALITIES AND ANALYSIS APPROACHES FOR MEASURES OF CEREBROVASCULAR RESPONSIVENESS. Alzheimer's and Dementia, 2017, 13, P121.	0.4	0
138	[P1â€“610]: HIGHER AEROBIC FITNESS IMPROVES PERFORMANCE ON COGNITIVE TASKS AND MEASURES OF QUALITY OF LIFE: A CROSSâ€SECTIONAL STUDY OF YOUNG AND OLD INDIVIDUALS. Alzheimer's and Dementia, 2017, 13, P529.	0.4	0
139	Altered Fluid Balance During 100 Hours Of Exercise And Sleep Deprivation. Medicine and Science in Sports and Exercise, 2005, 37, S405.	0.2	0
140	Assessing the quantitative accuracy of continuous wave and frequency domain near infrared spectroscopy for detecting hypoxia in patients with traumatic brain injury. , 2016, , .		0
141	Monitoring the Injured Brain â€“ High density near infrared probes and registered atlas models improve cerebral saturation recovery. , 2016, , .		0
142	Effect of increasing cerebral blood flow on sleep architecture at high altitude. , 2016, , .		0
143	Neurovascular Coupling is Blunted in Atrial Fibrillation. FASEB Journal, 2019, 33, 696.3.	0.2	0
144	Effect of Cerebral Blood Flow on Cognition across Healthy Adulthood. FASEB Journal, 2020, 34, 1-1.	0.2	0

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145	Subject specific atlas-based frequency domain diffuse optical tomography. , 2021, , .		0