Jorge Manuel Serrador

List of Publications by Year
in descending order

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Version: 2024-02-01

82 papers	2,913 citations	279798 23 h-index	175258 52 g-index
84 all docs	84 docs citations	84 times ranked	3564 citing authors

#	Article	IF	Citations
1	Protein S100B and Brain Lipid-Binding Protein Concentrations in the Serum of Recently Concussed Rugby Players. Journal of Neurotrauma, 2021, 38, 2247-2254.	3.4	7
2	Stochastic and sinusoidal electrical stimuli increase the irregularity and gain of Type A and B medial vestibular nucleus neurons, in vitro. Journal of Neuroscience Research, 2021, 99, 3066-3083.	2.9	0
3	Ten days of high dietary sodium does not impair cerebral blood flow regulation in healthy adults. Autonomic Neuroscience: Basic and Clinical, 2021, 234, 102826.	2.8	1
4	A high-salt meal does not augment blood pressure responses during maximal exercise. Applied Physiology, Nutrition and Metabolism, 2020, 45, 123-128.	1.9	7
5	Exercise-Induced Bronchoconstriction in Iraq and Afghanistan Veterans With Deployment-Related Exposures. Military Medicine, 2020, 185, e389-e396.	0.8	1
6	A high salt meal does not impair cerebrovascular reactivity in healthy young adults. Physiological Reports, 2020, 8, e14585.	1.7	5
7	Heart failure patients have enhanced cerebral autoregulation response in acute ischemic stroke. Journal of Thrombosis and Thrombolysis, 2020, 50, 753-761.	2.1	4
8	Cerebrovascular reactivity and cerebral autoregulation are improved in the supine posture compared to upright in healthy men and women. PLoS ONE, 2020, 15, e0229049.	2.5	28
9	Impact of galvanic vestibular stimulation-induced stochastic resonance on the output of the vestibular system: A systematic review. Brain Stimulation, 2020, 13, 533-535.	1.6	12
10	Veterans with dizziness recruit compensatory saccades in each semicircular canal plane although VOR gain is normal. Journal of Vestibular Research: Equilibrium and Orientation, 2020, 30, 47-53.	2.0	1
11	Human Adaptations to Multiday Saturation on NASA NEEMO. Frontiers in Physiology, 2020, 11, 610000.	2.8	4
12	The Relation Between Cardiorespiratory Fitness And Cerebral Blood Flow Regulation. Medicine and Science in Sports and Exercise, 2020, 52, 390-390.	0.4	0
13	P.18 Carotid Stiffness Parameters and Cerebral Blood Flow Pulsatility in Young Healthy Individuals across Races. Artery Research, 2020, 26, S40-S40.	0.6	0
14	Cerebral Blood Flow in the Internal Carotid Artery Throughout the Menstrual Cycle in Young, Healthy Women. FASEB Journal, 2020, 34, 1-1.	0.5	0
15	The Cardiovascular Dizziness Connection. , 2019, , 175-189.		1
16	Reply to â€œOn the need of considering cardiorespiratory fitness when examining the influence of sex on dynamic cerebral autoregulationâ€• American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H1230-H1231.	3.2	2
17	Groundtruth: A Matlab GUI for Artifact and Feature Identification in Physiological Signals. Frontiers in Physiology, 2019, 10, 850.	2.8	2
18	Arbitrary waveform constant current stimulator for long-term wearable applications. Medical Engineering and Physics, 2019, 68, 108-115.	1.7	1

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19	Cerebral Blood Flow, Oxygen Delivery, and Pulsatility Responses to Oxygen Inhalation at High Altitude: Highlanders vs. Lowlanders. Frontiers in Physiology, 2019, 10, 61.	2.8	5
20	Sex differences in cerebral autoregulation are unaffected by menstrual cycle phase in young, healthy women. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H920-H933.	3.2	61
21	Stochastic Noise Application for the Assessment of Medial Vestibular Nucleus Neuron Sensitivity In Vitro. Journal of Visualized Experiments, 2019, , .	0.3	3
22	No significant change of extracranial conduit vessel diameter during cerebral vasomotor reactivity test with moderatelyâ€altered endâ€tidal CO 2. FASEB Journal, 2019, 33, 528.12.	0.5	0
23	A Single High Sodium Meal Impairs Dynamic Cerebral Autoregulation. FASEB Journal, 2019, 33, 832.6.	0.5	0
24	Cerebral Blood Flow Ultrasonography as a Diagnostic Tool for Monitoring Recovery from Concussion in Children and Adolescents. FASEB Journal, 2019, 33, .	0.5	2
25	The Influence of a High Sodium Meal on Cerebrovascular Reactivity. Medicine and Science in Sports and Exercise, 2019, 51, 133-133.	0.4	0
26	Enhancing vestibular function in the elderly with imperceptible electrical stimulation. Scientific Reports, 2018, 8, 336.	3.3	25
27	Balance deficits in Chronic Fatigue Syndrome with and without fibromyalgia. NeuroRehabilitation, 2018, 42, 235-246.	1.3	7
28	Veterans have greater variability in their perception of binocular alignment. PLoS ONE, 2018, 13, e0209622.	2.5	4
29	Dynamic cerebral autoregulation is impaired in Veterans with Gulf War Illness: A case-control study. PLoS ONE, 2018, 13, e0205393.	2.5	10
30	Chronic kidney disease and poor outcomes in ischemic stroke: is impaired cerebral autoregulation the missing link?. BMC Neurology, 2018, 18, 21.	1.8	33
31	Cerebral Autoregulation and Cerebrovascular Reactivity is Similar in African American And Caucasian Males Despite Different Blood Pressures and Anterior Cerebral Artery Flow Velocities. FASEB Journal, 2018, 32, lb323.	0.5	0
32	Does Treadmill Walking affect Neurovascular Coupling during Cognitive Activation in Healthy Individuals?. FASEB Journal, 2018, 32, 725.11.	0.5	0
33	Veterans without mTBI are more likely to benefit from bilateral electrical vestibular stimulation. FASEB Journal, 2018, 32, lb457.	0.5	0
34	Regional and sex differences in cerebral vasomotor reactivity to carbon dioxide. FASEB Journal, 2018, 32, lb304.	0.5	0
35	Hemorrhagic transformation and cerebral edema in acute ischemic stroke: Link to cerebral autoregulation. Journal of the Neurological Sciences, 2017, 372, 256-261.	0.6	81
36	Enhanced Cholinergic Activity Improves Cerebral Blood Flow during Orthostatic Stress. Frontiers in Neurology, 2017, 8, 103.	2.4	12

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37	Efficacy of Cerebral Autoregulation in Early Ischemic Stroke Predicts Smaller Infarcts and Better Outcome. Frontiers in Neurology, 2017, 8, 113.	2.4	61
38	Comparison of the Functional Health Limitations of Veterans Deployed to Iraq or Afghanistan to Veterans Deployed to Desert Shield/Storm With Chronic Fatigue Syndrome. Military Behavioral Health, 2016, 4, 299-306.	0.8	14
39	Peripheral tactile sensory perception of older adults improved using subsensory electrical noise stimulation. Medical Engineering and Physics, 2016, 38, 822-825.	1.7	20
40	Symptoms Associated with Vestibular Impairment in Veterans with Posttraumatic Stress Disorder. PLoS ONE, 2016, 11, e0168803.	2.5	17
41	Hypovolemic men and women regulate blood pressure differently following exposure to artificial gravity. European Journal of Applied Physiology, 2015, 115, 2631-2640.	2.5	24
42	PhUn Week: A One Day Program for Kâ€8 Students. FASEB Journal, 2015, 29, LB760.	0.5	0
43	A new paradigm of electrical stimulation to enhance sensory neural function. Medical Engineering and Physics, 2014, 36, 1088-1091.	1.7	14
44	Increasing sleep duration to lower beatâ€toâ€beat blood pressure: a pilot study. Journal of Sleep Research, 2013, 22, 295-304.	3.2	111
45	Effects of binge drinking on brain blood flow. FASEB Journal, 2013, 27, 1186.12.	0.5	0
46	Cardioâ€and cerebrovascular control in men and women with furosemideâ€induced hypovolemia during artificial gravity exposure by short radius centrifuge. FASEB Journal, 2013, 27, 1203.1.	0.5	0
47	Effects of Arterial Territory on Dynamic Cerebral Autoregulation. FASEB Journal, 2013, 27, 1203.3.	0.5	0
48	Effects of Race on Dynamic Cerebral Autoregulation in Elderly People. FASEB Journal, 2013, 27, 1186.11.	0.5	0
49	Acute Hypovolemia Does Not Affect Dynamic Cerebral Autoregulation in Humans. FASEB Journal, 2013, 27, 925.12.	0.5	0
50	A retrospective cohort study of U.S. service members returning from Afghanistan and Iraq: is physical health worsening over time?. BMC Public Health, 2012, 12, 1124.	2.9	17
51	Hemodynamic effects of habituation to a week-long program of neuromuscular electrical stimulation. Medical Engineering and Physics, 2012, 34, 459-465.	1.7	20
52	Cerebral Compliance Changes With Sympathetic Activation During Cold Pressor Test. FASEB Journal, 2012, 26, 685.33.	0.5	0
53	Sympathetic activation during the cold pressor test changes cerebral compliance. Autonomic Neuroscience: Basic and Clinical, 2011, 163, 74.	2.8	0
54	Brain freeze induced changes in cerebral blood flow. Autonomic Neuroscience: Basic and Clinical, 2011, 163, 98-99.	2.8	0

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55	Cerebral blood flow decreases prior to nausea during off-vertical axis rotation. Autonomic Neuroscience: Basic and Clinical, 2011, 163, 99.	2.8	0
56	Improving balance function using vestibular stochastic resonance: optimizing stimulus characteristics. Experimental Brain Research, 2011, 210, 303-312.	1.5	83
57	Dynamic cerebral autoregulation after intracerebral hemorrhage: A case-control study. BMC Neurology, 2011, 11, 108.	1.8	46
58	Neurovascular coupling is impaired in slow walkers: The MOBILIZE Boston Study. Annals of Neurology, 2011, 70, 213-220.	5.3	87
59	The effect of blood pressure calibrations and transcranial Doppler signal loss on transfer function estimates of cerebral autoregulation. Medical Engineering and Physics, 2011, 33, 553-562.	1.7	28
60	Elderly Women Regulate Brain Blood Flow Better Than Men Do. Stroke, 2011, 42, 1988-1993.	2.0	73
61	Venous emptying from the foot: influences of weight bearing, toe curls, electrical stimulation, passive compression, and posture. Journal of Applied Physiology, 2010, 109, 1045-1052.	2.5	21
62	Cerebral autoregulation in the vertebral and middle cerebral arteries during combine head upright tilt and lower body negative pressure in healthy humans. , 2010, 2010, 2505-8.		14
63	The relationship between cardiac output and dynamic cerebral autoregulation in humans. Journal of Applied Physiology, 2010, 109, 1424-1431.	2.5	70
64	Gender related differences in cerebral autoregulation in older healthy subjects. , 2009, 2009, 2859-62.		24
65	Autoregulation in the Posterior Circulation Is Altered by the Metabolic State of the Visual Cortex. Stroke, 2009, 40, 2062-2067.	2.0	41
66	Cardiovascular, Inflammatory, and Metabolic Consequences of Sleep Deprivation. Progress in Cardiovascular Diseases, 2009, 51, 294-302.	3.1	640
67	Vestibular effects on cerebral blood flow. BMC Neuroscience, 2009, 10, 119.	1.9	27
68	The Sit-to-Stand Technique for the Measurement of Dynamic Cerebral Autoregulation. Ultrasound in Medicine and Biology, 2009, 35, 21-29.	1.5	74
69	Loss of otolith function with age is associated with increased postural sway measures. Neuroscience Letters, 2009, 465, 10-15.	2.1	69
70	Decreases in Cerebral Blood Flow When Upright Are Related to Vestibular Function Regardless of Age. FASEB Journal, 2009, 23, 613.35.	0.5	0
71	Cerebral blood flow regulation during cognitive tasks: Effects of healthy aging. Cortex, 2008, 44, 179-184.	2.4	69
72	Assessment of techniques used to evaluate the effect of posture and cardiac output on Cerebral Autoregulation. , 2008, 2008, 1992-5.		1

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73	Effect of Posture and Cardiac Output on Cerebral Autoregulation. FASEB Journal, 2008, 22, 76-76.	0.5	0
74	Impaired Vestibular Function affects Orthostatic Cerebral Blood Flow Response. FASEB Journal, 2007, 21, A1383.	0.5	0
75	Enhanced Vasoreactivity and Its Response to Antihypertensive Therapy in Hypertensive Elderly Women. Hypertension, 2006, 47, 377-383.	2.7	23
76	Cerebral pressure-flow relations in hypertensive elderly humans: transfer gain in different frequency domains. Journal of Applied Physiology, 2005, 98, 151-159.	2.5	120
77	Regional Cerebral Autoregulation During Orthostatic Stress: Age-Related Differences. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2005, 60, 1484-1487.	3.6	77
78	Does gravity affect functional cerebral blood flow response?. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S384-S384.	4.3	0
79	Cerebral hypoperfusion precedes nausea during centrifugation. Aviation, Space, and Environmental Medicine, 2005, 76, 91-6.	0.5	11
80	Head position modifies cerebrovascular response to orthostatic stress. Brain Research, 2003, 961, 261-268.	2.2	29
81	Changes in cerebral oxygenation and blood flow during LBNP in spinal cord-injured individuals. Journal of Applied Physiology, 2001, 91, 2199-2204.	2.5	23
82	MRI Measures of Middle Cerebral Artery Diameter in Conscious Humans During Simulated Orthostasis. Stroke, 2000, 31, 1672-1678.	2.0	642