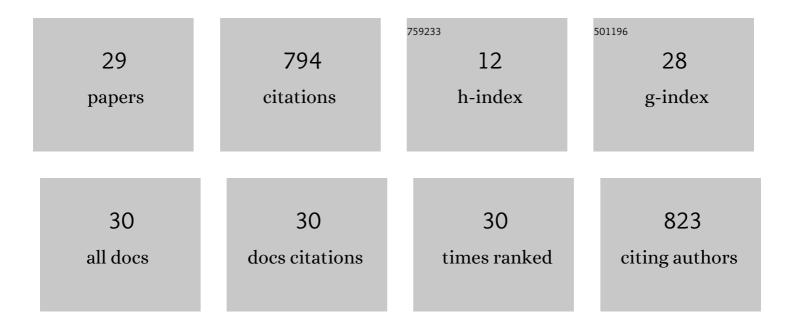
Lonnie G Petersen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4864047/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Effect of gravity and microgravity on intracranial pressure. Journal of Physiology, 2017, 595, 2115-2127.	2.9	205
2	Vasorelaxation in Space. Hypertension, 2006, 47, 69-73.	2.7	96
3	Maintained exerciseâ€enhanced brain executive function related to cerebral lactate metabolism in men. FASEB Journal, 2018, 32, 1417-1427.	0.5	91
4	Effect of postural changes on ICP in healthy and ill subjects. Acta Neurochirurgica, 2015, 157, 109-113.	1.7	80
5	Lower body negative pressure to safely reduce intracranial pressure. Journal of Physiology, 2019, 597, 237-248.	2.9	57
6	MADVent: A lowâ€cost ventilator for patients with COVIDâ€19. Medical Devices & Sensors, 2020, 3, e10106.	2.7	38
7	Mechanisms of increase in cardiac output during acute weightlessness in humans. Journal of Applied Physiology, 2011, 111, 407-411.	2.5	31
8	Mobile Lower Body Negative Pressure Suit as an Integrative Countermeasure for Spaceflight. Aerospace Medicine and Human Performance, 2019, 90, 993-999.	0.4	24
9	Studies of Hydrocephalus Associated With Long-term Spaceflight May Provide New Insights Into Cerebrospinal Fluid Flow Dynamics Here on Earth. JAMA Neurology, 2019, 76, 391.	9.0	21
10	Reviving lower body negative pressure as a countermeasure to prevent pathological vascular and ocular changes in microgravity. Npj Microgravity, 2020, 6, 38.	3.7	20
11	Gravity, intracranial pressure, and cerebral autoregulation. Physiological Reports, 2019, 7, e14039.	1.7	15
12	Dynamic Cerebral Autoregulation Is Maintained during High-Intensity Interval Exercise. Medicine and Science in Sports and Exercise, 2019, 51, 372-378.	0.4	15
13	Coupling between arterial and venous cerebral blood flow during postural change. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R1255-R1261.	1.8	14
14	Daily generation of a footward fluid shift attenuates ocular changes associated with head-down tilt bed rest. Journal of Applied Physiology, 2020, 129, 1220-1231.	2.5	11
15	Single ventilator for multiple patients during COVID19 surge: matching and balancing patients. Critical Care, 2020, 24, 357.	5.8	9
16	Lumbar puncture position influences intracranial pressure. Acta Neurochirurgica, 2021, 163, 1997-2004.	1.7	9
17	Gravitational effects on intracranial pressure and blood flow regulation in young men: a potential shunting role for the external carotid artery. Journal of Applied Physiology, 2020, 129, 901-908.	2.5	8
18	Going against the flow: are venous thromboembolism and impaired cerebral drainage critical risks for spaceflight?. Journal of Applied Physiology, 2022, 132, 270-273.	2.5	8

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#	Article	IF	CITATIONS
19	Search for Venous Endothelial Biomarkers Heralding Venous Thromboembolism in Space: A Qualitative Systematic Review of Terrestrial Studies. Frontiers in Physiology, 2022, 13, 885183.	2.8	8
20	Gravitational effects on intraocular pressure and ocular perfusion pressure. Journal of Applied Physiology, 2022, 132, 24-35.	2.5	7
21	The Gly16 Allele of the G16R Single Nucleotide Polymorphism in the β2-Adrenergic Receptor Gene Augments the Glycemic Response to Adrenaline in Humans. Frontiers in Physiology, 2017, 8, 661.	2.8	6
22	Body height and arterial pressure in seated and supine young males during +2 G centrifugation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R1172-R1177.	1.8	5
23	Indirect measurement of absolute cardiac output during exercise in simulated altered gravity is highly dependent on the method. Journal of Clinical Monitoring and Computing, 2021, , 1.	1.6	4
24	Mischaracterization of Spaceflight-Associated Neuro-Ocular Syndrome—Reply. JAMA Neurology, 2019, 76, 1259.	9.0	3
25	Intracranial Pressure After Soccer Heading. FASEB Journal, 2020, 34, 1-1.	0.5	3
26	Graded lower body negative pressure induces intraventricular negative pressures and incremental diastolic suction: a pressure-volume study in a porcine model. Journal of Applied Physiology, 2022, 133, 20-26.	2.5	3
27	Jumping at a chance to control cerebral blood flow in astronauts. Experimental Physiology, 2021, 106, 1407-1409.	2.0	2
28	The Effects of Resistance Exercise on Intracranial Pressure. FASEB Journal, 2018, 32, 587.8.	0.5	1
29	Cerebral Energy Metabolism And Executive Function After Repeated High-intensity Interval Exercise With Decreased Lactate Concentration. Medicine and Science in Sports and Exercise, 2017, 49, 578.	0.4	Ο