

# Justin S Lawley

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,050  
citations

516710

16  
h-index

434195

31  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of gravity and microgravity on intracranial pressure. <i>Journal of Physiology</i> , 2017, 595, 2115-2127.	2.9	205
2	Reversing the Cardiac Effects of Sedentary Aging in Middle Age—A Randomized Controlled Trial. <i>Circulation</i> , 2018, 137, 1549-1560.	1.6	135
3	Restoration of Pulsatile Flow Reduces Sympathetic Nerve Activity Among Individuals With Continuous-Flow Left Ventricular Assist Devices. <i>Circulation</i> , 2015, 132, 2316-2322.	1.6	70
4	Lower body negative pressure to safely reduce intracranial pressure. <i>Journal of Physiology</i> , 2019, 597, 237-248.	2.9	57
5	Normobaric hypoxia and symptoms of acute mountain sickness: Elevated brain volume and intracranial hypertension. <i>Annals of Neurology</i> , 2014, 75, 890-898.	5.3	50
6	Cerebral spinal fluid dynamics: effect of hypoxia and implications for high-altitude illness. <i>Journal of Applied Physiology</i> , 2016, 120, 251-262.	2.5	46
7	Unexpected reductions in regional cerebral perfusion during prolonged hypoxia. <i>Journal of Physiology</i> , 2017, 595, 935-947.	2.9	42
8	Stroke Incidence and Impact of Continuous-Flow Left Ventricular Assist Devices on Cerebrovascular Physiology. <i>Stroke</i> , 2019, 50, 542-548.	2.0	39
9	High-altitude cerebral edema: its own entity or end-stage acute mountain sickness?. <i>Journal of Applied Physiology</i> , 2021, 131, 313-325.	2.5	38
10	Right ventricular function and cardiopulmonary performance among patients with heart failure supported by durable mechanical circulatory support devices. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 128-137.	0.6	34
11	New insights into resting and exertional right ventricular performance in the healthy heart through real-time pressure-volume analysis. <i>Journal of Physiology</i> , 2020, 598, 2575-2587.	2.9	33
12	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
13	Global Reach 2018 Heightened $\beta$ -Adrenergic Signaling Impairs Endothelial Function During Chronic Exposure to Hypobaric Hypoxia. <i>Circulation Research</i> , 2020, 127, e1-e13.	4.5	21
14	Investigation of Whole-Brain White Matter Identifies Altered Water Mobility in the Pathogenesis of High-Altitude Headache. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1286-1294.	4.3	20
15	Highs and lows of sympathetic neurocardiovascular transduction: influence of altitude acclimatization and adaptation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H1240-H1252.	3.2	20
16	Evidence for a physiological role of pulmonary arterial baroreceptors in sympathetic neural activation in healthy humans. <i>Journal of Physiology</i> , 2020, 598, 955-965.	2.9	18
17	Prolonged (9h) poikilocapnic hypoxia (12% $O_2$ ) augments cutaneous thermal hyperaemia in healthy humans. <i>Experimental Physiology</i> , 2014, 99, 909-920.	2.0	17
18	Whole body passive heating versus dynamic lower body exercise: a comparison of peripheral hemodynamic profiles. <i>Journal of Applied Physiology</i> , 2021, 130, 160-171.	2.5	13

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19	Global REACH 2018: the adaptive phenotype to life with chronic mountain sickness and polycythaemia. <i>Journal of Physiology</i> , 2021, 599, 4021-4044.	2.9	13
20	Potential role of endurance training in altering renal sympathetic nerve activity in CKD?. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017, 204, 74-80.	2.8	12
21	Mechanisms of sympathetic restraint in human skeletal muscle during exercise: role of $\hat{\pm}$ -adrenergic and nonadrenergic mechanisms. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H192-H202.	3.2	12
22	Global REACH 2018: Andean highlanders, chronic mountain sickness and the integrative regulation of resting blood pressure. <i>Experimental Physiology</i> , 2021, 106, 104-116.	2.0	12
23	Daily generation of a footward fluid shift attenuates ocular changes associated with head-down tilt bed rest. <i>Journal of Applied Physiology</i> , 2020, 129, 1220-1231.	2.5	11
24	Elevated exercise blood pressure in middle-aged women is associated with altered left ventricular and vascular stiffness. <i>Journal of Applied Physiology</i> , 2020, 128, 1123-1129.	2.5	11
25	CrossTalk opposing view: Blood flow pulsatility in left ventricular assist device patients is not essential to maintain normal brain physiology. <i>Journal of Physiology</i> , 2019, 597, 357-359.	2.9	10
26	Integrative crosstalk between hypoxia and the cold: Old data and new opportunities. <i>Experimental Physiology</i> , 2021, 106, 350-358.	2.0	10
27	Effect of acute and chronic xenon inhalation on erythropoietin, hematological parameters, and athletic performance. <i>Journal of Applied Physiology</i> , 2019, 127, 1503-1510.	2.5	9
28	ICP During Daily Life in Healthy Adults: What Does Microgravity Add to the Mix?. <i>FASEB Journal</i> , 2015, 29, 990.10.	0.5	8
29	Influence of COVID-19 Restrictions on Training and Physiological Characteristics in U23 Elite Cyclists. <i>Journal of Functional Morphology and Kinesiology</i> , 2022, 7, 1.	2.4	8
30	Safety, hemodynamic effects, and detection of acute xenon inhalation: rationale for banning xenon from sport. <i>Journal of Applied Physiology</i> , 2019, 127, 1511-1518.	2.5	7
31	Reducing intracranial pressure by reducing central venous pressure: assessment of potential countermeasures to spaceflight-associated neuro-ocular syndrome. <i>Journal of Applied Physiology</i> , 2021, 130, 283-289.	2.5	7
32	Augmented venoarteriolar response with ageing is associated with morning blood pressure surge. <i>Experimental Physiology</i> , 2018, 103, 1448-1455.	2.0	5
33	Global REACH 2018: increased adrenergic restraint of blood flow preserves coupling of oxygen delivery and demand during exercise at high altitude. <i>Journal of Physiology</i> , 0, , .	2.9	5
34	Preload-corrected dynamic Starling mechanism in patients with heart failure with preserved ejection fraction. <i>Journal of Applied Physiology</i> , 2018, 124, 76-82.	2.5	4
35	The impact of 2 years of high intensity exercise training on a model of integrated cardiovascular regulation. <i>Journal of Physiology</i> , 2019, 597, 419-429.	2.9	4
36	Bilateral regional extracranial blood flow regulation to hypoxia and unilateral duplex ultrasound measurement error. <i>Experimental Physiology</i> , 2021, 106, 1535-1548.	2.0	4

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37	Climbing Performance in U23 and Professional Cyclists during a Multi-stage Race. International Journal of Sports Medicine, 2022, 43, 161-167.	1.7	4
38	Integrative Blood Pressure Response to Upright Tilt Post Renal Denervation. American Journal of Hypertension, 2017, 30, 632-641.	2.0	3
39	Effects of whole body skin cooling on human cognitive processing: a study using SEPs and ERPs. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 317, R432-R441.	1.8	3
40	Intra-arterial reliability of leg blood flow during dynamic exercise using Doppler ultrasound. Physiological Reports, 2021, 9, e15051.	1.7	2
41	Rebuttal from William K. Cornwell III, Takashi Tarumi, Justin Lawley and Amrut V. Ambardekar. Journal of Physiology, 2019, 597, 363-364.	2.9	1
42	Commentaries on Viewpoint: Differential impact of shear rate in the cerebral and systemic circulation: implications for endothelial function. Journal of Applied Physiology, 2021, 130, 1155-1160.	2.5	1
43	Global Reach 2018: Sympathetic neural and hemodynamic responses to submaximal exercise in Andeans with and without chronic mountain sickness. American Journal of Physiology - Heart and Circulatory Physiology, 2022, , .	3.2	1
44	Effect Of Chronic Xenon Supplementation On Hematological Parameters, Cardiorespiratory Fitness, and Athletic Performance. FASEB Journal, 2018, 32, 723.1.	0.5	0