Lydia L Simpson

List of Publications by Year
in descending order

19 papers	227 citations	1040056 9 h-index	996975 15 g-index
19 all docs	19 docs citations	19 times ranked	220 citing authors

#	Article	IF	Citations
1	Baroreflex control of sympathetic vasomotor activity and resting arterial pressure at high altitude: insight from Lowlanders and Sherpa. Journal of Physiology, 2019, 597, 2379-2390.	2.9	44
2	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
3	Highs and lows of sympathetic neurocardiovascular transduction: influence of altitude acclimatization and adaptation. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H1240-H1252.	3.2	20
4	Chemoreflex mediated arrhythmia during apnea at 5,050 m in low- but not high-altitude natives. Journal of Applied Physiology, 2018, 124, 930-937.	2.5	19
5	Evidence for a physiological role of pulmonary arterial baroreceptors in sympathetic neural activation in healthy humans. Journal of Physiology, 2020, 598, 955-965.	2.9	18
6	Global REACH 2018: the adaptive phenotype to life with chronic mountain sickness and polycythaemia. Journal of Physiology, 2021, 599, 4021-4044.	2.9	13
7	A sympathetic view of blood pressure control at high altitude: new insights from microneurographic studies. Experimental Physiology, 2021, 106, 377-384.	2.0	13
8	Muscle sympathetic reactivity to apneic and exercise stress in high-altitude Sherpa. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R493-R502.	1.8	12
9	Global REACH 2018: Andean highlanders, chronic mountain sickness and the integrative regulation of resting blood pressure. Experimental Physiology, 2021, 106, 104-116.	2.0	12
10	Upward resetting of the vascular sympathetic baroreflex in middle-aged male runners. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H181-H189.	3.2	10
11	Global REACH 2018: volume regulation in high-altitude Andeans with and without chronic mountain sickness. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 321, R504-R512.	1.8	8
12	Global REACH 2018: renal oxygen delivery is maintained during early acclimatization to 4,330 m. American Journal of Physiology - Renal Physiology, 2020, 319, F1081-F1089.	2.7	8
13	The influence of barosensory vessel mechanics on the vascular sympathetic baroreflex: insights into aging and blood pressure homeostasis. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H370-H376.	3.2	6
14	Global REACH: Assessment of Brady-Arrhythmias in Andeans and Lowlanders During Apnea at 4330 m. Frontiers in Physiology, 2019, 10, 1603.	2.8	6
15	The influence of hemoconcentration on hypoxic pulmonary vasoconstriction in acute, prolonged, and lifelong hypoxemia. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 321, H738-H747.	3.2	6
16	Global REACH 2018: increased adrenergic restraint of blood flow preserves coupling of oxygen delivery and demand during exercise at highâ€altitude. Journal of Physiology, 0, , .	2.9	5
17	Aortic haemodynamics: the effects of habitual endurance exercise, age and muscle sympathetic vasomotor outflow in healthy men. European Journal of Applied Physiology, 2022, 122, 801-813.	2.5	2
18	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

#	Article	IF	Citations
19	Control of breathing during exercise: Who is the leader?. Experimental Physiology, 2021, 106, 576-577.	2.0	0