Shieak Tzeng

List of Publications by Citations

20 papers	637 citations	12 h-index	20 g-index
20 ext. papers	719 ext. citations	3.5 avg, IF	3.82 L-index

#	Paper	IF	Citations
20	Assessment of cerebral autoregulation: the quandary of quantification. *American Journal of Physiology - Heart and Circulatory Physiology*, **2012**, 303, H658-71	5.2	118
19	Respiratory sinus arrhythmia in conscious humans during spontaneous respiration. *Respiratory Physiology and Neurobiology*, **2010**, 174, 111-8	2.8	83
18	Respiratory modulation of cardiovagal baroreflex sensitivity. *Journal of Applied Physiology*, **2009**, 107, 718-24	3.7	60
17	Cardioventilatory coupling in resting human subjects. *Experimental Physiology*, **2003**, 88, 775-82	2.4	57
16	Influence of breathing frequency on the pattern of respiratory sinus arrhythmia and blood pressure: old questions revisited. *American Journal of Physiology - Heart and Circulatory Physiology*, **2010**, 298, H1588-99	5.2	53
15	Influence of cerebrovascular resistance on the dynamic relationship between blood pressure and cerebral blood flow in humans. *Journal of Applied Physiology*, **2014**, 116, 1614-22	3.7	40
14	Fundamental relationships between blood pressure and cerebral blood flow in humans. *Journal of Applied Physiology*, **2014**, 117, 1037-48	3.7	38
13	CrossTalk proposal: dynamic cerebral autoregulation should be quantified using spontaneous blood pressure fluctuations. *Journal of Physiology*, **2018**, 596, 3-5	3.9	34
12	Human sinus arrhythmia: inconsistencies of a teleological hypothesis. *American Journal of Physiology - Heart and Circulatory Physiology*, **2009**, 296, H65-70	5.2	33
11	Mechanism of cardioventilatory coupling: insights from cardiac pacing, vagotomy, and sinoaortic denervation in the anesthetized rat. *American Journal of Physiology - Heart and Circulatory Physiology*, **2007**, 292, H1967-77	5.2	30
10	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, R55-61	3.2	28
9	Effects of hypercapnia and hypoxemia on respiratory sinus arrhythmia in conscious humans during spontaneous respiration. *American Journal of Physiology - Heart and Circulatory Physiology*, **2007**, 292, H2397-407	5.2	28
8	The repeated sit-to-stand maneuver is a superior method for cardiac baroreflex assessment: a comparison with the modified Oxford method and Valsalva maneuver. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2014**, 307, R1345-52	3.2	11
7	Is there diurnal variation in initial and delayed orthostatic hypotension during standing and head-up tilt?. *Chronobiology International*, **2011**, 28, 135-45	3.6	10
6	Interactions between breathing rate and low-frequency fluctuations in blood pressure and cardiac intervals. *Journal of Applied Physiology*, **2015**, 119, 793-8	3.7	6
5	Relationship between cardioventilatory coupling and pulmonary gas exchange. *Clinical Physiology and Functional Imaging*, **2012**, 32, 476-80	2.4	4
4	Quantification of cerebral hemodynamics. *European Journal of Applied Physiology*, **2013**, 113, 2869-70	3.4	2

3	Rebuttal from Y. C. Tzeng and R. B. Panerai. *Journal of Physiology*, **2018**, 596, 11-12	3.9	2
2	Reply: To PMID 21724737. *Experimental Physiology*, **2011**, 96, 709	2.4	
1	Effects of binge drinking on brain blood flow. *FASEB Journal*, **2013**, 27, 1186.12	0.9	