

# Shieak Tzeng

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | CrossTalk proposal: dynamic cerebral autoregulation should be quantified using spontaneous blood pressure fluctuations. <i>Journal of Physiology</i> , <b>2018</b> , 596, 3-5  | 3.9 | 34        |
| 19 | Rebuttal from Y. C. Tzeng and R. B. Panerai. <i>Journal of Physiology</i> , <b>2018</b> , 596, 11-12   | 3.9 | 2         |
| 18 | Interactions between breathing rate and low-frequency fluctuations in blood pressure and cardiac intervals. <i>Journal of Applied Physiology</i> , <b>2015</b> , 119, 793-8  | 3.7 | 6         |
| 17 | Fundamental relationships between blood pressure and cerebral blood flow in humans. <i>Journal of Applied Physiology</i> , <b>2014</b> , 117, 1037-48  | 3.7 | 38        |
| 16 | Influence of cerebrovascular resistance on the dynamic relationship between blood pressure and cerebral blood flow in humans. <i>Journal of Applied Physiology</i> , <b>2014</b> , 116, 1614-22  | 3.7 | 40        |
| 15 | The repeated sit-to-stand maneuver is a superior method for cardiac baroreflex assessment: a comparison with the modified Oxford method and Valsalva maneuver. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2014</b> , 307, R1345-52 | 3.2 | 11        |
| 14 | Quantification of cerebral hemodynamics. <i>European Journal of Applied Physiology</i> , <b>2013</b> , 113, 2869-70  | 3.4 | 2         |
| 13 | Effects of binge drinking on brain blood flow. <i>FASEB Journal</i> , <b>2013</b> , 27, 1186.12  | 0.9 |           |
| 12 | Relationship between cardioventilatory coupling and pulmonary gas exchange. <i>Clinical Physiology and Functional Imaging</i> , <b>2012</b> , 32, 476-80   | 2.4 | 4         |
| 11 | Assessment of cerebral autoregulation: the quandary of quantification. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2012</b> , 303, H658-71   | 5.2 | 118       |
| 10 | Is there diurnal variation in initial and delayed orthostatic hypotension during standing and head-up tilt?. <i>Chronobiology International</i> , <b>2011</b> , 28, 135-45   | 3.6 | 10        |
| 9  | Reply: To PMID 21724737. <i>Experimental Physiology</i> , <b>2011</b> , 96, 709  | 2.4 |           |
| 8  | Diurnal variation in time to presyncope and associated circulatory changes during a controlled orthostatic challenge. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2010</b> , 299, R55-61  | 3.2 | 28        |
| 7  | Influence of breathing frequency on the pattern of respiratory sinus arrhythmia and blood pressure: old questions revisited. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2010</b> , 298, H1588-99  | 5.2 | 53        |
| 6  | Respiratory sinus arrhythmia in conscious humans during spontaneous respiration. <i>Respiratory Physiology and Neurobiology</i> , <b>2010</b> , 174, 111-8   | 2.8 | 83        |
| 5  | Human sinus arrhythmia: inconsistencies of a teleological hypothesis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2009</b> , 296, H65-70   | 5.2 | 33        |
| 4  | Respiratory modulation of cardiovascular baroreflex sensitivity. <i>Journal of Applied Physiology</i> , <b>2009</b> , 107, 718-24  | 3.7 | 60        |

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|---|---|-----|----|
| 3 | Mechanism of cardioventilatory coupling: insights from cardiac pacing, vagotomy, and sinoaortic denervation in the anesthetized rat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H1967-77 | 5.2 | 30 |
| 2 | Effects of hypercapnia and hypoxemia on respiratory sinus arrhythmia in conscious humans during spontaneous respiration. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H2397-407            | 5.2 | 28 |
| 1 | Cardioventilatory coupling in resting human subjects. <i>Experimental Physiology</i> , <b>2003</b> , 88, 775-82   | 2.4 | 57 |