

James T Buchanan

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

381
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

259
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Neuronal control of swimming behavior: Comparison of vertebrate and invertebrate model systems. <i>Progress in Neurobiology</i> , 2011, 93, 244-269. | 5.7 | 102 |
| 2 | Neural network simulations of coupled locomotor oscillators in the lamprey spinal cord. <i>Biological Cybernetics</i> , 1992, 66, 367-374. | 1.3 | 97 |
| 3 | Commissural Interneurons in Rhythm Generation and Intersegmental Coupling in the Lamprey Spinal Cord. <i>Journal of Neurophysiology</i> , 1999, 81, 2037-2045. | 1.8 | 59 |
| 4 | Chapter 27 The Roles of Spinal Interneurons and Motoneurons in the Lamprey Locomotor Network. <i>Progress in Brain Research</i> , 1999, 123, 311-321. | 1.4 | 29 |
| 5 | Segmental Distribution of Common Synaptic Inputs to Spinal Motoneurons During Fictive Swimming in the Lamprey. <i>Journal of Neurophysiology</i> , 1999, 82, 1156-1163. | 1.8 | 22 |
| 6 | Reticulospinal Neurons Receive Direct Spinobulbar Inputs During Locomotor Activity in Lamprey. <i>Journal of Neurophysiology</i> , 2004, 92, 1384-1390. | 1.8 | 18 |
| 7 | Spinal locomotor inputs to individually identified reticulospinal neurons in the lamprey. <i>Journal of Neurophysiology</i> , 2011, 106, 2346-2357. | 1.8 | 18 |
| 8 | Spinobulbar Neurons in Lamprey: Cellular Properties and Synaptic Interactions. <i>Journal of Neurophysiology</i> , 2006, 96, 2042-2055. | 1.8 | 15 |
| 9 | Membrane Potential Oscillations in Reticulospinal and Spinobulbar Neurons During Locomotor Activity. <i>Journal of Neurophysiology</i> , 2005, 94, 273-281. | 1.8 | 13 |
| 10 | Swimming rhythm generation in the caudal hindbrain of the lamprey. <i>Journal of Neurophysiology</i> , 2018, 119, 1681-1692. | 1.8 | 8 |