

Jeffrey P Gill

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4366407/publications.pdf>

Version: 2024-02-01

10
papers

167
citations

1307594

7
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Robustness, flexibility, and sensitivity in a multifunctional motor control model. <i>Biological Cybernetics</i> , 2017, 111, 25-47.	1.3	31
2	The significance of dynamical architecture for adaptive responses to mechanical loads during rhythmic behavior. <i>Journal of Computational Neuroscience</i> , 2015, 38, 25-51.	1.0	27
3	Motor neuronal activity varies least among individuals when it matters most for behavior. <i>Journal of Neurophysiology</i> , 2015, 113, 981-1000.	1.8	24
4	Sensory Feedback Reduces Individuality by Increasing Variability within Subjects. <i>Current Biology</i> , 2015, 25, 2672-2676.	3.9	19
5	Control for multifunctionality: bioinspired control based on feeding in <i>Aplysia californica</i> . <i>Biological Cybernetics</i> , 2020, 114, 557-588.	1.3	17
6	Carbon fiber electrodes for intracellular recording and stimulation. <i>Journal of Neural Engineering</i> , 2021, 18, 066033.	3.5	17
7	Rapid Adaptation to Changing Mechanical Load by Ordered Recruitment of Identified Motor Neurons. <i>ENeuro</i> , 2020, 7, ENEURO.0016-20.2020.	1.9	16
8	Shape versus Timing: Linear Responses of a Limit Cycle with Hard Boundaries under Instantaneous and Static Perturbation. <i>SIAM Journal on Applied Dynamical Systems</i> , 2021, 20, 701-744.	1.6	8
9	neurotic: Neuroscience Tool for Interactive Characterization. <i>ENeuro</i> , 2020, 7, ENEURO.0085-20.2020.	1.9	4
10	Learning Biology by Recreating and Extending Mathematical Models. <i>Science</i> , 2012, 336, 993-994.	12.6	3