

Richard B Dewell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8344755/publications.pdf>

Version: 2024-02-01

10
papers

112
citations

1478505

6
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular characterization and distribution of the voltage-gated sodium channel, Para, in the brain of the grasshopper and vinegar fly. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2020, 206, 289-307.	1.6	6
2	Active membrane conductances and morphology of a collision detection neuron broaden its impedance profile and improve discrimination of input synchrony. <i>Journal of Neurophysiology</i> , 2019, 122, 691-706.	1.8	17
3	Collision Avoidance: Broadening the Toolkit for Directionally Selective Motion Computations. <i>Current Biology</i> , 2018, 28, R124-R126.	3.9	1
4	Biophysics of object segmentation in a collision-detecting neuron. <i>ELife</i> , 2018, 7, .	6.0	23
5	Optogenetic manipulation of medullary neurons in the locust optic lobe. <i>Journal of Neurophysiology</i> , 2018, 120, 2049-2058.	1.8	9
6	Feedforward Inhibition Conveys Time-Varying Stimulus Information in a Collision Detection Circuit. <i>Current Biology</i> , 2018, 28, 1509-1521.e3.	3.9	15
7	Pre-synaptic Muscarinic Excitation Enhances the Discrimination of Looming Stimuli in a Collision-Detection Neuron. <i>Cell Reports</i> , 2018, 23, 2365-2378.	6.4	20
8	M current regulates firing mode and spike reliability in a collision-detecting neuron. <i>Journal of Neurophysiology</i> , 2018, 120, 1753-1764.	1.8	8
9	Escape Behavior: Linking Neural Computation to Action. <i>Current Biology</i> , 2012, 22, R152-R153.	3.9	11
10	Degree of neuromuscular facilitation is correlated with contribution to walking in leg muscles of two species of crab. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2008, 194, 1031-1041.	1.6	1