

Jens Herberholz

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

598
citations

687363

13
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

503
citing authors

#	ARTICLE	IF	CITATIONS
1	Decision Making and Behavioral Choice during Predator Avoidance. <i>Frontiers in Neuroscience</i> , 2012, 6, 125.	2.8	73
2	Escape behavior and escape circuit activation in juvenile crayfish during prey-predator interactions. <i>Journal of Experimental Biology</i> , 2004, 207, 1855-1863.	1.7	72
3	Direct Benefits of Social Dominance in Juvenile Crayfish. <i>Biological Bulletin</i> , 2007, 213, 21-27.	1.8	67
4	Patterns of Neural Circuit Activation and Behavior during Dominance Hierarchy Formation in Freely Behaving Crayfish. <i>Journal of Neuroscience</i> , 2001, 21, 2759-2767.	3.6	59
5	A Lateral Excitatory Network in the Escape Circuit of Crayfish. <i>Journal of Neuroscience</i> , 2002, 22, 9078-9085.	3.6	54
6	Stability of dominance relationships in crayfish depends on social context. <i>Animal Behaviour</i> , 2009, 77, 195-199.	1.9	38
7	Anatomy of a live invertebrate revealed by manganese-enhanced Magnetic Resonance Imaging. <i>Journal of Experimental Biology</i> , 2004, 207, 4543-4550.	1.7	34
8	3D-Printed electrochemical sensor-integrated transwell systems. <i>Microsystems and Nanoengineering</i> , 2020, 6, 100.	7.0	32
9	Neural control of behavioural choice in juvenile crayfish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3493-3500.	2.6	29
10	Satiation level affects anti-predatory decisions in foraging juvenile crayfish. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2017, 203, 223-232.	1.6	24
11	Behavioral and neural responses of juvenile crayfish to moving shadows. <i>Journal of Experimental Biology</i> , 2008, 211, 1355-1361.	1.7	20
12	Non-Invasive Imaging of Neuroanatomical Structures and Neural Activation with High-Resolution MRI. <i>Frontiers in Behavioral Neuroscience</i> , 2011, 5, 16.	2.0	17
13	Prior social experience affects the behavioral and neural responses to acute alcohol in juvenile crayfish. <i>Journal of Experimental Biology</i> , 2017, 220, 1516-1523.	1.7	16
14	Sensory Activation and Receptive Field Organization of the Lateral Giant Escape Neurons in Crayfish. <i>Journal of Neurophysiology</i> , 2010, 104, 675-684.	1.8	15
15	The Retrograde Spread of Synaptic Potentials and Recruitment of Presynaptic Inputs. <i>Journal of Neuroscience</i> , 2005, 25, 3086-3094.	3.6	12
16	Crustacean Models of Aggression. , 2005, , 38-62.		10
17	Effects of Ethanol on Sensory Inputs to the Medial Giant Interneurons of Crayfish. <i>Frontiers in Physiology</i> , 2018, 9, 448.	2.8	6
18	Effects of Different Social and Environmental Conditions on Established Dominance Relationships in Crayfish. <i>Biological Bulletin</i> , 2016, 230, 152-164.	1.8	5

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19	Not so fast: giant interneurons control precise movements of antennal scales during escape behavior of crayfish. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2019, 205, 687-698.	1.6	5
20	Recordings of Neural Circuit Activation in Freely Behaving Animals. <i>Journal of Visualized Experiments</i> , 2009, , .	0.3	4
21	Cellular interactions between social experience, alcohol sensitivity, and GABAergic inhibition in a crayfish neural circuit. <i>Journal of Neurophysiology</i> , 2021, 125, 256-272.	1.8	3
22	Dynamic in Vitro Biosensing with Flexible Microporous Multimodal Cell-Interfacial Sensors. , 2019, , .		2
23	Discrete modulation of antipredatory and agonistic behaviors by sensory communication signals in juvenile crayfish. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	1