Jens Herberholz

List of Publications by Year
in descending order

23	598	687363 13	713466 21
papers	citations	h-index	g-index

23	23	23	503
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cellular interactions between social experience, alcohol sensitivity, and GABAergic inhibition in a crayfish neural circuit. Journal of Neurophysiology, 2021, 125, 256-272.	1.8	3
2	3D-Printed electrochemical sensor-integrated transwell systems. Microsystems and Nanoengineering, 2020, 6, 100.	7.0	32
3	Discrete modulation of antipredatory and agonistic behaviors by sensory communication signals in juvenile crayfish. Journal of Experimental Biology, 2020, 223, .	1.7	1
4	Not so fast: giant interneurons control precise movements of antennal scales during escape behavior of crayfish. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2019, 205, 687-698.	1.6	5
5	Dynamic in Vitro Biosensing with Flexible Microporous Multimodal Cell-Interfacial Sensors. , 2019, , .		2
6	Effects of Ethanol on Sensory Inputs to the Medial Giant Interneurons of Crayfish. Frontiers in Physiology, 2018, 9, 448.	2.8	6
7	Prior social experience affects the behavioral and neural responses to acute alcohol in juvenile crayfish. Journal of Experimental Biology, 2017, 220, 1516-1523.	1.7	16
8	Satiation level affects anti-predatory decisions in foraging juvenile crayfish. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2017, 203, 223-232.	1.6	24
9	Effects of Different Social and Environmental Conditions on Established Dominance Relationships in Crayfish. Biological Bulletin, 2016, 230, 152-164.	1.8	5
10	Decision Making and Behavioral Choice during Predator Avoidance. Frontiers in Neuroscience, 2012, 6, 125.	2.8	73
11	Non-Invasive Imaging of Neuroanatomical Structures and Neural Activation with High-Resolution MRI. Frontiers in Behavioral Neuroscience, 2011, 5, 16.	2.0	17
12	Sensory Activation and Receptive Field Organization of the Lateral Giant Escape Neurons in Crayfish. Journal of Neurophysiology, 2010, 104, 675-684.	1.8	15
13	Neural control of behavioural choice in juvenile crayfish. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 3493-3500.	2.6	29
14	Recordings of Neural Circuit Activation in Freely Behaving Animals. Journal of Visualized Experiments, 2009, , .	0.3	4
15	Stability of dominance relationships in crayfish depends on social context. Animal Behaviour, 2009, 77, 195-199.	1.9	38
16	Behavioral and neural responses of juvenile crayfish to moving shadows. Journal of Experimental Biology, 2008, 211, 1355-1361.	1.7	20
17	Direct Benefits of Social Dominance in Juvenile Crayfish. Biological Bulletin, 2007, 213, 21-27.	1.8	67
18	Crustacean Models of Aggression. , 2005, , 38-62.		10

#	Article	IF	Citations
19	The Retrograde Spread of Synaptic Potentials and Recruitment of Presynaptic Inputs. Journal of Neuroscience, 2005, 25, 3086-3094.	3.6	12
20	Anatomy of a live invertebrate revealed by manganese-enhanced Magnetic Resonance Imaging. Journal of Experimental Biology, 2004, 207, 4543-4550.	1.7	34
21	Escape behavior and escape circuit activation in juvenile crayfish during preyâ€“predator interactions. Journal of Experimental Biology, 2004, 207, 1855-1863.	1.7	72
22	A Lateral Excitatory Network in the Escape Circuit of Crayfish. Journal of Neuroscience, 2002, 22, 9078-9085.	3.6	54
23	Patterns of Neural Circuit Activation and Behavior during Dominance Hierarchy Formation in Freely Behaving Crayfish. Journal of Neuroscience, 2001, 21, 2759-2767.	3.6	59