

Sara Mae Stieb

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

896
citations

687363

13
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

904
citing authors

#	ARTICLE	IF	CITATIONS
1	Vision using multiple distinct rod opsins in deep-sea fishes. <i>Science</i> , 2019, 364, 588-592.	12.6	151
2	Ancestral duplications and highly dynamic opsin gene evolution in percomorph fishes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1493-1498.	7.1	129
3	Visual experience and age affect synaptic organization in the mushroom bodies of the desert ant <i>Cataglyphis fortis</i> . <i>Developmental Neurobiology</i> , 2010, 70, 408-423.	3.0	128
4	Seeing the rainbow: mechanisms underlying spectral sensitivity in teleost fishes. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	72
5	Visual experience affects both behavioral and neuronal aspects in the individual life history of the desert ant <i>Cataglyphis fortis</i> . <i>Developmental Neurobiology</i> , 2012, 72, 729-742.	3.0	66
6	Personality traits in resident and migratory warbler species. <i>Behaviour</i> , 2005, 142, 1357-1375.	0.8	59
7	Depth-dependent plasticity in opsin gene expression varies between damselfish (Pomacentridae) species. <i>Molecular Ecology</i> , 2016, 25, 3645-3661.	3.9	53
8	Experience-related reorganization of giant synapses in the lateral complex: Potential role in plasticity of the sky-compass pathway in the desert ant <i>Cataglyphis fortis</i> . <i>Developmental Neurobiology</i> , 2016, 76, 390-404.	3.0	47
9	From crypsis to mimicry: changes in colour and the configuration of the visual system during ontogenetic habitat transitions in a coral reef fish. <i>Journal of Experimental Biology</i> , 2016, 219, 2545-58.	1.7	42
10	Why UV vision and red vision are important for damselfish (Pomacentridae): structural and expression variation in opsin genes. <i>Molecular Ecology</i> , 2017, 26, 1323-1342.	3.9	42
11	Antennal-Lobe Organization in Desert Ants of the Genus <i>Cataglyphis</i> . <i>Brain, Behavior and Evolution</i> , 2011, 77, 136-146.	1.7	33
12	A detailed investigation of the visual system and visual ecology of the Barrier Reef anemonefish, <i>Amphiprion akindynos</i> . <i>Scientific Reports</i> , 2019, 9, 16459.	3.3	27
13	Short term colour vision plasticity on the reef: Changes in opsin expression under varying light conditions differ between ecologically distinct reef fish species. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	26
14	The visual ecology of Holocentridae, a nocturnal coral reef fish family with a deep-sea-like multibank retina. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	12