Daphne Soares

List of Publications by Year in descending order

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41 papers	1,319 citations	471061 17 h-index	395343 33 g-index
50 all docs	50 docs citations	50 times ranked	1014 citing authors

#	Article	IF	Citations
1	Evolution of a Behavioral Shift Mediated by Superficial Neuromasts Helps Cavefish Find Food in Darkness. Current Biology, 2010, 20, 1631-1636.	1.8	247
2	An ancient sensory organ in crocodilians. Nature, 2002, 417, 241-242.	13.7	127
3	Evolutionary Convergence and Shared Computational Principles in the Auditory System. Brain, Behavior and Evolution, 2002, 59, 294-311.	0.9	101
4	Sensory Adaptations of Fishes to Subterranean Environments. BioScience, 2013, 63, 274-283.	2.2	90
5	Evolution and development of time coding systems. Current Opinion in Neurobiology, 2001, 11, 727-733.	2.0	76
6	The Lens Has a Specific Influence on Optic Nerve and Tectum Development in the Blind Cavefish Astyanax. Developmental Neuroscience, 2004, 26, 308-317.	1.0	71
7	Amphibious auditory responses of the American alligator (Alligator mississipiensis). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2002, 188, 217-223.	0.7	59
8	Detection of Interaural Time Differences in the Alligator. Journal of Neuroscience, 2009, 29, 7978-7990.	1.7	56
9	Intrinsic Neuronal Properties of the Chick Nucleus Angularis. Journal of Neurophysiology, 2002, 88, 152-162.	0.9	51
10	Tetrapod-like pelvic girdle in a walking cavefish. Scientific Reports, 2016, 6, 23711.	1.6	45
11	Interaural timing difference circuits in the auditory brainstem of the emu (Dromaius) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342	0.9	41
12	The cytoarchitecture of the nucleus angularis of the barn owl (Tyto alba). Journal of Comparative Neurology, 2001, 429, 192-205.	0.9	39
13	Extreme Adaptation in Caves. Anatomical Record, 2020, 303, 15-23.	0.8	33
14	Relative LWS cone opsin expression determines optomotor thresholds in Malawi cichlid fish. Genes, Brain and Behavior, 2012, 11, 185-192.	1.1	30
15	A Morphological Study of the Cochlear Nuclei of the Pigeon (Columba livia). Brain, Behavior and Evolution, 1999, 54, 290-302.	0.9	25
16	Comparative genetics of the central nervous system in epigean and hypogean Astyanax mexicanus. Genetica, 2011, 139, 383-391.	0.5	23
17	Genetically and environmentally mediated divergence in lateral line morphology in the Trinidadian guppy (Poecilia reticulata). Journal of Experimental Biology, 2013, 216, 3132-42.	0.8	22
18	Evidence for hearing loss in amblyopsid cavefishes. Biology Letters, 2013, 9, 20130104.	1.0	19

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19	By the teeth of their skin, cavefish find their way. Current Biology, 2012, 22, R629-R630.	1.8	17
20	Cave Environments. , 2015, , 161-191.		17
21	Aerial Jumping in the Trinidadian Guppy (Poecilia reticulata). PLoS ONE, 2013, 8, e61617.	1.1	15
22	Hearing in Plethodontid Salamanders: A Review. Copeia, 2016, 104, 157-164.	1.4	15
23	Cavefishes. , 2019, , 227-236.		15
24	Social Context Modulates Predator Evasion Strategy In Guppies. Ethology, 2015, 121, 364-371.	0.5	12
25	Spooky Interaction at a Distance in Cave and Surface Dwelling Electric Fishes. Frontiers in Integrative Neuroscience, 2020, 14, 561524.	1.0	12
26	Bony labyrinth morphometry reveals hidden diversity in lungless salamanders (Family) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (Plet Evolution; International Journal of Organic Evolution, 2019, 73, 2135-2150.	1.1	10
27	Retinal morphology in <scp>Astyanax mexicanus</scp> during eye degeneration. Journal of Comparative Neurology, 2020, 528, 1523-1534.	0.9	6
28	Seismic sensitivity and bone conduction mechanisms enable extratympanic hearing in salamanders. Journal of Experimental Biology, 2020, 223, .	0.8	6
29	Evolutionary and homeostatic changes in morphology of visual dendrites of Mauthner cells in <scp>Astyanax</scp> blind cavefish. Journal of Comparative Neurology, 2021, 529, 1779-1786.	0.9	6
30	Evolution of the fast start response in the cavefish Astyanax mexicanus. Behavioral Ecology and Sociobiology, 2012, 66, 1157-1164.	0.6	5
31	Morphological malleability of the lateral line allows for surface fish (Astyanax mexicanus) adaptation to cave environments. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2020, 334, 511-517.	0.6	5
32	Bone conduction pathways confer directional cues to salamanders. Journal of Experimental Biology, 2021, 224, .	0.8	4
33	Evolution of coprophagy and nutrient absorption in a Cave Salamander. Subterranean Biology, 0, 24, 1-9.	5.0	4
34	Hearing in Cavefishes. Advances in Experimental Medicine and Biology, 2016, 877, 187-195.	0.8	3
35	Shared Features of the Auditory System of Birds and Mammals. , 2007, , 443-457.		2
36	Ontogenetic development of the horn and hump of the Chinese cavefish Sinocyclocheilus furcodorsalis (Cypriniformes: Cyprinidae). Environmental Biology of Fishes, 2019, 102, 741-746.	0.4	2

#	Article	IF	Citations
37	The Evolution of Dome Pressure Receptors in Crocodiles. , 2007, , 157-162.		1
38	Differences in behavior between surface and cave Astyanax mexicanus may be mediated by changes in catecholamine signaling. Journal of Comparative Neurology, 2020, 528, 2639-2653.	0.9	1
39	Crocodilian Sensory Systems. , 2018, , 1-6.		0
40	Crocodilian Sensory Systems. , 2022, , 1831-1836.		0
41	Evolutionary insights and constraints from the nervous systems and behavior of cavefish. ARPHA Conference Abstracts, 0, 5, .	0.0	0