

Steven J Zottoli

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

707
citations

623734

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docs citations

25
times ranked

479
citing authors

#	ARTICLE	IF	CITATIONS
1	Survival and Axonal Outgrowth of the Mauthner Cell Following Spinal Cord Crush Does Not Drive Post-injury Startle Responses. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 744191.	3.7	2
2	Invasion of microglia/macrophages and granulocytes into the Mauthner axon myelin sheath following spinal cord injury of the adult goldfish, <i>Carassius auratus</i> . <i>Journal of Morphology</i> , 2020, 281, 135-152.	1.2	4
3	Hypoxia Has a Lasting Effect on Fast-Startle Behavior of the Tropical Fish <i>Haemulon plumieri</i> . <i>Biological Bulletin</i> , 2019, 237, 48-62.	1.8	9
4	Mary Jane Hogue (1883–1962): A pioneer in human brain tissue culture. <i>Journal of the History of the Neurosciences</i> , 2018, 27, 333-354.	0.9	0
5	The Marine Biological Laboratory (Woods Hole) and the Scientific Advancement of Women in the Early 20th Century: The Example of Mary Jane Hogue (1883–1962). <i>Journal of the History of Biology</i> , 2015, 48, 137-167.	0.5	8
6	On the Training of Future Neuroscientists: Insights from the Grass Laboratory. <i>Neuron</i> , 2013, 79, 12-15.	8.1	2
7	How the Early Voltage Clamp Studies of Jos del Castillo Inform “Modern” Neuroscience. <i>Neuroscientist</i> , 2012, 18, 415-421.	3.5	3
8	Regeneration in the Era of Functional Genomics and Gene Network Analysis. <i>Biological Bulletin</i> , 2011, 221, 18-34.	1.8	24
9	Axon cap morphology of the sea robin (<i>Prionotus carolinus</i>): mauthner cell is correlated with the presence of “signature” field potentials and a C-type startle response. <i>Journal of Comparative Neurology</i> , 2011, 519, 1979-1998.	1.6	3
10	Evolution of the Mauthner Axon Cap. <i>Brain, Behavior and Evolution</i> , 2009, 73, 174-187.	1.7	23
11	Reticulospinal neurons in anamniotic vertebrates: A celebration of Alberto Stefanelli's contributions to comparative neuroscience. <i>Brain Research Bulletin</i> , 2007, 74, 295-306.	3.0	7
12	Correlation of C-start behaviors with neural activity recorded from the hindbrain in free-swimming goldfish (<i>Carassius auratus</i>). <i>Journal of Experimental Biology</i> , 2006, 209, 4788-4801.	1.7	76
13	– Review : The Mauthner Cell: What Has it Taught us?. <i>Neuroscientist</i> , 2000, 6, 26-38.	3.5	95
14	Comparative Studies on the Mauthner Cell of Teleost Fish in Relation to Sensory Input. <i>Brain, Behavior and Evolution</i> , 1995, 46, 151-164.	1.7	58
15	Origin and function of spiral fibers projecting to the goldfish mauthner cell. <i>Journal of Comparative Neurology</i> , 1994, 339, 76-90.	1.6	30
16	Chapter 18 Spinal cord regeneration in adult goldfish: implications for functional recovery in vertebrates. <i>Progress in Brain Research</i> , 1994, 103, 219-228.	1.4	35
17	Segmental arrangement of reticulospinal neurons in the goldfish hindbrain. <i>Journal of Comparative Neurology</i> , 1993, 329, 539-556.	1.6	92
18	Putative cholinergic projections from the nucleus isthmi and the nucleus reticularis mesencephali to the optic tectum in the goldfish (<i>Carassius auratus</i>). <i>Journal of Comparative Neurology</i> , 1988, 273, 385-398.	1.6	51

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19	Morphological and physiological survival of goldfish Mauthner axons isolated from their somata by spinal cord crush. <i>Journal of Comparative Neurology</i> , 1987, 255, 272-282.	1.6	37
20	The axon reaction of the goldfish mauthner cell and factors that influence its morphological variability. <i>Journal of Comparative Neurology</i> , 1984, 230, 497-516.	1.6	29
21	Posterior lateral line afferent and efferent pathways within the central nervous system of the goldfish with special reference to the Mauthner cell. <i>Journal of Comparative Neurology</i> , 1983, 219, 100-111.	1.6	73
22	Axotomy-induced changes in cell structure and membrane excitability are sustained in a vertebrate central neuron. <i>Brain Research</i> , 1981, 223, 436-443.	2.2	24
23	Mauthner axon diameter and impulse conduction velocity decrease with growth of goldfish. <i>Neuroscience Letters</i> , 1981, 27, 159-164.	2.1	21
24	Functional Regeneration in the Larval Zebrafish Spinal Cord. , 0, , 263-288.		1