

Kristen E Severi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4582470/publications.pdf>

Version: 2024-02-01

12
papers

1,394
citations

1162367

8
h-index

1281420

11
g-index

14
all docs

14
docs citations

14
times ranked

2047
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetically encoded calcium indicators for multi-color neural activity imaging and combination with optogenetics. <i>Frontiers in Molecular Neuroscience</i> , 2013, 6, 2.	1.4	629
2	Control of visually guided behavior by distinct populations of spinal projection neurons. <i>Nature Neuroscience</i> , 2008, 11, 327-333.	7.1	235
3	Neural Control and Modulation of Swimming Speed in the Larval Zebrafish. <i>Neuron</i> , 2014, 83, 692-707.	3.8	208
4	Optogenetics in a transparent animal: circuit function in the larval zebrafish. <i>Current Opinion in Neurobiology</i> , 2013, 23, 119-126.	2.0	105
5	ZebraZoom: an automated program for high-throughput behavioral analysis and categorization. <i>Frontiers in Neural Circuits</i> , 2013, 7, 107.	1.4	104
6	Optimization of a Neurotoxin to Investigate the Contribution of Excitatory Interneurons to Speed Modulation In Vivo. <i>Current Biology</i> , 2016, 26, 2319-2328.	1.8	62
7	Investigation of hindbrain activity during active locomotion reveals inhibitory neurons involved in sensorimotor processing. <i>Scientific Reports</i> , 2018, 8, 13615.	1.6	25
8	Resilience of neural networks for locomotion. <i>Journal of Physiology</i> , 2021, 599, 3825-3840.	1.3	15
9	Evolutionary and homeostatic changes in morphology of Mauthner cells in <i>Astyanax</i> blind cavefish. <i>Journal of Comparative Neurology</i> , 2021, 529, 1779-1786.	0.9	6
10	Larval Zebrafish Exhibit Collective Circulation in Confined Spaces. <i>Frontiers in Physics</i> , 2021, 9, .	1.0	4
11	Cellular-level understanding of supraspinal control: what can be learned from zebrafish?. <i>Current Opinion in Physiology</i> , 2019, 8, 141-145.	0.9	1
12	Motor behavior: A feedforward circuit for zebrafish escape. <i>Current Biology</i> , 2021, 31, R965-R967.	1.8	0