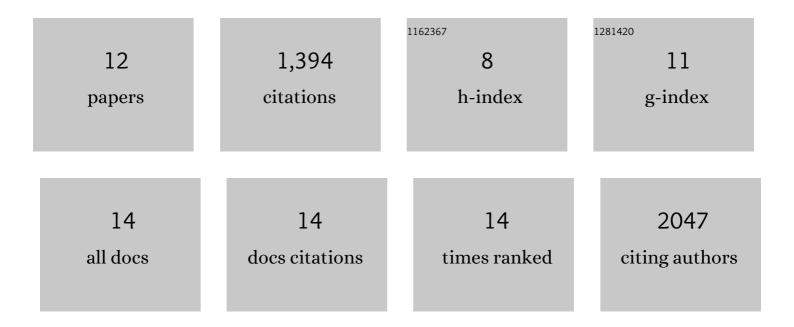
## Kristen E Severi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4582470/publications.pdf Version: 2024-02-01



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