Thiago S Mosqueiro

List of Publications by Year
in descending order

19 papers	**570** citations	933264 **10** h-index	1125617 **13** g-index
21 all docs	**21** docs citations	**21** times ranked	**960** citing authors

#	ARTICLE	IF	CITATIONS
1	Individual learning phenotypes drive collective behavior. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17949-17956.	3.3	41
2	Random access with a distributed Bitmap Join Index for Star Joins. Heliyon, 2020, 6, e03342.	1.4	0
3	Telescope: an interactive tool for managing large-scale analysis from mobile devices. GigaScience, 2020, 9, .	3.3	0
4	Challenges and recommendations to improve the installability and archival stability of omics computational tools. PLoS Biology, 2019, 17, e3000333.	2.6	54
5	Individual differences in learning and biogenic amine levels influence the behavioural division between foraging honeybee scouts and recruits. Journal of Animal Ecology, 2019, 88, 236-246.	1.3	39
6	Task allocation and site fidelity jointly influence foraging regulation in honeybee colonies. Royal Society Open Science, 2017, 4, 170344.	1.1	25
7	NOTCH1 is a mechanosensor in adult arteries. Nature Communications, 2017, 8, 1620.	5.8	205
8	Exploring a Mathematical Model of Gain Control via Lateral Inhibition in the Antennal Lobe. Lecture Notes in Computer Science, 2017, , 317-326.	1.0	1
9	Reproducibility of Fluorescent Expression from Engineered Biological Constructs in E. coli. PLoS ONE, 2016, 11, e0150182.	1.1	33
10	Automated pulse discrimination of two freely-swimming weakly electric fish and analysis of their electrical behavior during dominance contest. Journal of Physiology (Paris), 2016, 110, 216-223.	2.1	0
11	Faster cloud Star Joins with Reduced Disk Spill and Network Communication. Procedia Computer Science, 2016, 80, 74-85.	1.2	10
12	Online decorrelation of humidity and temperature in chemical sensors for continuous monitoring. Chemometrics and Intelligent Laboratory Systems, 2016, 157, 169-176.	1.8	87
13	Non-parametric change point detection for spike trains. , 2016, , .		6
14	Computational models to understand decision making and pattern recognition in the insect brain. Current Opinion in Insect Science, 2014, 6, 80-85.	2.2	21
15	Control of sleep-to-wake transitions via fast amino acid and slow neuropeptide transmission. New Journal of Physics, 2014, 16, 115010.	1.2	16
16	A simple model for eletrocommunication â€" â€œrefractoriness avoidance responseâ€?. BMC Neuroscience, 2014, 15, .	0.8	2
17	Optimal channel efficiency in a sensory network. Physical Review E, 2013, 88, 012712.	0.8	14
18	Structural features beneath neuronal avalanches. BMC Neuroscience, 2013, 14, .	0.8	0

#	Article	IF	Citations
19	DYNAMICAL ASPECTS OF KINOUCHI-COPELLI MODEL: EMERGENCE OF AVALANCHES AT CRITICALITY. , 0, , .		0