Talmo D Pereira

List of Publications by Year
in descending order

13 papers	1,454 citations	9 h-index 1040056	14 g-index 1058476
22 all docs	22 docs citations	22 times ranked	1603 citing authors

#	Article	IF	Citations
1	Fast estimation of plant growth dynamics using deep neural networks. Plant Methods, 2022, 18, 21.	4.3	5
2	SLEAP: A deep learning system for multi-animal pose tracking. Nature Methods, 2022, 19, 486-495.	19.0	192
3	Isolation disrupts social interactions and destabilizes brain development in bumblebees. Current Biology, 2022, 32, 2754-2764.e5.	3.9	14
4	Quantifying behavior to understand the brain. Nature Neuroscience, 2020, 23, 1537-1549.	14.8	153
5	Toward Community-Driven Big Open Brain Science: Open Big Data and Tools for Structure, Function, and Genetics. Annual Review of Neuroscience, 2020, 43, 441-464.	10.7	12
6	A machine-vision approach for automated pain measurement at millisecond timescales. ELife, 2020, 9, .	6.0	48
7	The neural basis for a persistent internal state in Drosophila females. ELife, 2020, 9, .	6.0	53
8	Fast animal pose estimation using deep neural networks. Nature Methods, 2019, 16, 117-125.	19.0	446
9	Discovery of a New Song Mode in Drosophila Reveals Hidden Structure in the Sensory and Neural Drivers of Behavior. Current Biology, 2018, 28, 2400-2412.e6.	3.9	64
10	Normal cognitive and social development require posterior cerebellar activity. ELife, 2018, 7, .	6.0	134
11	Cerebellar granule cells acquire a widespread predictive feedback signal during motor learning. Nature Neuroscience, 2017, 20, 727-734.	14.8	182
12	To Fight or Not to Fight. Neuron, 2017, 95, 986-988.	8.1	5
13	A Bayesian inference method for the analysis of transcriptional regulatory networks in metagenomic data. Algorithms for Molecular Biology, 2016, 11, 19.	1.2	11