

# Talmo D Pereira

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1952849/publications.pdf>

Version: 2024-02-01

13  
papers

1,454  
citations

1040056

9  
h-index

1058476

14  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1603  
citing authors

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