

# Mario Dipoppa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4528230/publications.pdf>

Version: 2024-02-01

11  
papers

1,273  
citations

840776

11  
h-index

1199594

12  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1772  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vision and Locomotion Shape the Interactions between Neuron Types in Mouse Visual Cortex. <i>Neuron</i> , 2018, 98, 602-615.e8.	8.1	204
2	A Disinhibitory Circuit for Contextual Modulation in Primary Visual Cortex. <i>Neuron</i> , 2020, 108, 1181-1193.e8.	8.1	77
3	Flexible frequency control of cortical oscillations enables computations required for working memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12828-12833.	7.1	75
4	Electronâ€™Hole Interaction in Carbon Nanotubes: Novel Screening and Exciton Excitation Spectra. <i>Nano Letters</i> , 2009, 9, 1330-1334.	9.1	64
5	A transcriptomic axis predicts state modulation of cortical interneurons. <i>Nature</i> , 2022, 607, 330-338.	27.8	56
6	A human-specific modifier of cortical connectivity and circuit function. <i>Nature</i> , 2021, 599, 640-644.	27.8	40
7	Sustained Rhythmic Brain Activity Underlies Visual Motion Perception in Zebrafish. <i>Cell Reports</i> , 2016, 17, 1098-1112.	6.4	23
8	Partitioning variability in animal behavioral videos using semi-supervised variational autoencoders. <i>PLoS Computational Biology</i> , 2021, 17, e1009439.	3.2	21
9	Controlling Working Memory Operations by Selective Gating: The Roles of Oscillations and Synchrony. <i>Advances in Cognitive Psychology</i> , 2016, 12, 209-232.	0.5	20
10	Correlations in background activity control persistent state stability and allow execution of working memory tasks. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 139.	2.1	16
11	Splay States in Finite Pulse-Coupled Networks of Excitable Neurons. <i>SIAM Journal on Applied Dynamical Systems</i> , 2012, 11, 864-894.	1.6	13