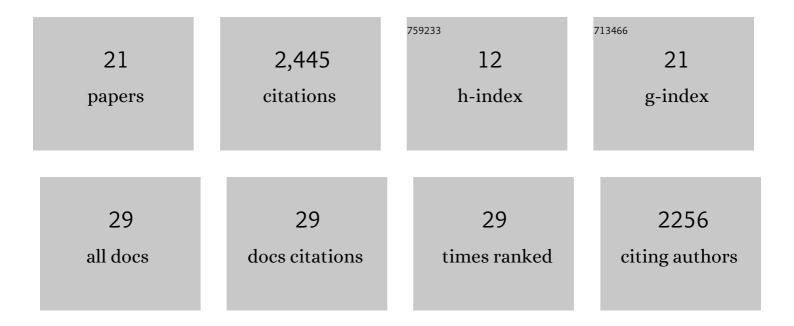
Jaime de la Rocha

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3982904/publications.pdf

Version: 2024-02-01



LAIME DE LA ROCHA

#	Article	IF	CITATIONS
1	Flexible categorization in perceptual decision making. Nature Communications, 2021, 12, 1283.	12.8	19
2	Proactive and reactive accumulation-to-bound processes compete during perceptual decisions. Nature Communications, 2021, 12, 7148.	12.8	12
3	High-Throughput Task to Study Memory Recall During Spatial Navigation in Rodents. Frontiers in Behavioral Neuroscience, 2020, 14, 64.	2.0	1
4	Response outcomes gate the impact of expectations on perceptual decisions. Nature Communications, 2020, 11, 1057.	12.8	31
5	Cortical state transitions and stimulus response evolve along stiff and sloppy parameter dimensions, respectively. ELife, 2020, 9, .	6.0	12
6	Selective Attention: A Plausible Mechanism Underlying Confirmation Bias. Current Biology, 2018, 28, R1151-R1154.	3.9	6
7	UP-DOWN cortical dynamics reflect state transitions in a bistable network. ELife, 2017, 6, .	6.0	114
8	Stochastic transitions into silence cause noise correlations in cortical circuits. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3529-3534.	7.1	64
9	Sensory integration dynamics in a hierarchical network explains choice probabilities in cortical area MT. Nature Communications, 2015, 6, 6177.	12.8	145
10	How do neurons work together? Lessons from auditory cortex. Hearing Research, 2011, 271, 37-53.	2.0	51
11	Scaling of temporal correlations in densely connected networks of LIF neurons. BMC Neuroscience, 2011, 12, .	1.9	0
12	The Asynchronous State in Cortical Circuits. Science, 2010, 327, 587-590.	12.6	955
13	Stimulus-Dependent Correlations and Population Codes. Neural Computation, 2009, 21, 2774-2804.	2.2	75
14	Thalamocortical transformations of periodic stimuli: the effect of stimulus velocity and synaptic short-term depression in the vibrissa–barrel system. Journal of Computational Neuroscience, 2008, 25, 122-140.	1.0	5
15	Linking the Response Properties of Cells in Auditory Cortex with Network Architecture: Cotuning versus Lateral Inhibition. Journal of Neuroscience, 2008, 28, 9151-9163.	3.6	79
16	Correlation and Synchrony Transfer in Integrate-and-Fire Neurons: Basic Properties and Consequences for Coding. Physical Review Letters, 2008, 100, 108102.	7.8	120
17	Correlation between neural spike trains increases with firing rate. Nature, 2007, 448, 802-806.	27.8	569
18	Short-Term Synaptic Depression Causes a Non-Monotonic Response to Correlated Stimuli. Journal of Neuroscience, 2005, 25, 8416-8431.	3.6	65

#	Article	IF	CITATIONS
19	Correlations modulate the non-monotonic response of a neuron with short-term plasticity. Neurocomputing, 2004, 58-60, 313-319.	5.9	9
20	Response of Spiking Neurons to Correlated Inputs. Physical Review Letters, 2002, 89, 288101.	7.8	80
21	Information transmission by stochastic synapses with short-term depression: neural coding and optimization. Neurocomputing, 2002, 44-46, 85-90.	5.9	8