

Alberto Bernacchia

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

2,009
citations

933447

10
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

2430
citing authors

#	ARTICLE	IF	CITATIONS
1	A hierarchy of intrinsic timescales across primate cortex. <i>Nature Neuroscience</i> , 2014, 17, 1661-1663.	14.8	734
2	Hierarchy of transcriptomic specialization across human cortex captured by structural neuroimaging topography. <i>Nature Neuroscience</i> , 2018, 21, 1251-1259.	14.8	459
3	Stable population coding for working memory coexists with heterogeneous neural dynamics in prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 394-399.	7.1	289
4	A reservoir of time constants for memory traces in cortical neurons. <i>Nature Neuroscience</i> , 2011, 14, 366-372.	14.8	269
5	On the equivalence of Hopfield networks and Boltzmann Machines. <i>Neural Networks</i> , 2012, 34, 1-9.	5.9	88
6	A diversity of localized timescales in network activity. <i>ELife</i> , 2014, 3, e01239.	6.0	59
7	Self-Consistent Method for Density Estimation. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2011, 73, 407-422.	2.2	33
8	Decorrelation by Recurrent Inhibition in Heterogeneous Neural Circuits. <i>Neural Computation</i> , 2013, 25, 1732-1767.	2.2	20
9	Characterizing the Short-Term Habituation of Event-Related Evoked Potentials. <i>ENeuro</i> , 2018, 5, ENEURO.0014-18.2018.	1.9	20
10	Impact of spatiotemporally correlated images on the structure of memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3544-3549.	7.1	10
11	The interplay of plasticity and adaptation in neural circuits: a generative model. <i>Frontiers in Synaptic Neuroscience</i> , 2014, 6, 26.	2.5	8
12	Self-Consistent Density Estimation. <i>The Stata Journal</i> , 2014, 14, 237-258.	2.2	6
13	Adaptive erasure of spurious sequences in sensory cortical circuits. <i>Neuron</i> , 2022, , .	8.1	3
14	A latch on priming. <i>Frontiers in Psychology</i> , 2014, 5, 869.	2.1	1