

Alberto Bacci

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,098
citations

185998

28
h-index

243296

44
g-index

88
all docs

88
docs citations

88
times ranked

4276
citing authors

#	ARTICLE	IF	CITATIONS
1	Caspase-3 triggers early synaptic dysfunction in a mouse model of Alzheimer's disease. <i>Nature Neuroscience</i> , 2011, 14, 69-76.	7.1	479
2	Long-lasting self-inhibition of neocortical interneurons mediated by endocannabinoids. <i>Nature</i> , 2004, 431, 312-316.	13.7	266
3	Enhancement of Spike-Timing Precision by Autaptic Transmission in Neocortical Inhibitory Interneurons. <i>Neuron</i> , 2006, 49, 119-130.	3.8	195
4	Functional Autaptic Neurotransmission in Fast-Spiking Interneurons: A Novel Form of Feedback Inhibition in the Neocortex. <i>Journal of Neuroscience</i> , 2003, 23, 859-866.	1.7	153
5	Major Differences in Inhibitory Synaptic Transmission onto Two Neocortical Interneuron Subclasses. <i>Journal of Neuroscience</i> , 2003, 23, 9664-9674.	1.7	153
6	Modulation of neocortical interneurons: extrinsic influences and exercises in self-control. <i>Trends in Neurosciences</i> , 2005, 28, 602-610.	4.2	124
7	Chronic Blockade of Glutamate Receptors Enhances Presynaptic Release and Downregulates the Interaction between Synaptophysin-Synaptobrevin/Vesicle-Associated Membrane Protein 2. <i>Journal of Neuroscience</i> , 2001, 21, 6588-6596.	1.7	110
8	Synaptic and intrinsic mechanisms shape synchronous oscillations in hippocampal neurons in culture. <i>European Journal of Neuroscience</i> , 1999, 11, 389-397.	1.2	108
9	Self-modulation of neocortical pyramidal neurons by endocannabinoids. <i>Nature Neuroscience</i> , 2009, 12, 1488-1490.	7.1	89
10	Block of Glutamate-Glutamine Cycle Between Astrocytes and Neurons Inhibits Epileptiform Activity in Hippocampus. <i>Journal of Neurophysiology</i> , 2002, 88, 2302-2310.	0.9	85
11	The role of glial cells in synaptic function. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 403-409.	1.8	84
12	Tetanus Toxin Blocks the Exocytosis of Synaptic Vesicles Clustered at Synapses But Not of Synaptic Vesicles in Isolated Axons. <i>Journal of Neuroscience</i> , 1999, 19, 6723-6732.	1.7	83
13	Desynchronization of Neocortical Networks by Asynchronous Release of GABA at Autaptic and Synaptic Contacts from Fast-Spiking Interneurons. <i>PLoS Biology</i> , 2010, 8, e1000492.	2.6	83
14	Differential modulation of synaptic transmission by neuropeptide Y in rat neocortical neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 17125-17130.	3.3	79
15	Different Localizations and Functions of L-Type and N-Type Calcium Channels during Development of Hippocampal Neurons. <i>Developmental Biology</i> , 2000, 227, 581-594.	0.9	78
16	The Endocannabinoid 2-Arachidonoylglycerol Is Responsible for the Slow Self-Inhibition in Neocortical Interneurons. <i>Journal of Neuroscience</i> , 2008, 28, 13532-13541.	1.7	74
17	Citation gaming induced by bibliometric evaluation: A country-level comparative analysis. <i>PLoS ONE</i> , 2019, 14, e0221212.	1.1	65
18	Reduced SNAP25 alters short-term plasticity at developing glutamatergic synapses. <i>EMBO Reports</i> , 2013, 14, 645-651.	2.0	64

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19	Unaltered Network Activity and Interneuronal Firing During Spontaneous Cortical Dynamics In Vivo in a Mouse Model of Severe Myoclonic Epilepsy of Infancy. <i>Cerebral Cortex</i> , 2016, 26, 1778-1794.	1.6	62
20	Localization and Functional Relevance of System A Neutral Amino Acid Transporters in Cultured Hippocampal Neurons. <i>Journal of Biological Chemistry</i> , 2002, 277, 10467-10473.	1.6	60
21	Strong preference for autaptic self-connectivity of neocortical PV interneurons facilitates their tuning to β -oscillations. <i>PLoS Biology</i> , 2019, 17, e3000419.	2.6	52
22	Do they agree? Bibliometric evaluation versus informed peer review in the Italian research assessment exercise. <i>Scientometrics</i> , 2016, 108, 1651-1671.	1.6	49
23	Direct Alteration of a Specific Inhibitory Circuit of the Hippocampus by Antidepressants. <i>Journal of Neuroscience</i> , 2012, 32, 16616-16628.	1.7	47
24	Perineuronal nets control visual input via thalamic recruitment of cortical PV interneurons. <i>ELife</i> , 2018, 7, .	2.8	46
25	Non-associative Potentiation of Perisomatic Inhibition Alters the Temporal Coding of Neocortical Layer 5 Pyramidal Neurons. <i>PLoS Biology</i> , 2014, 12, e1001903.	2.6	45
26	Astrocytes are required for the oscillatory activity in cultured hippocampal neurons. <i>European Journal of Neuroscience</i> , 1999, 11, 2793-2800.	1.2	43
27	Interlocking editorship. A network analysis of the links between economic journals. <i>Scientometrics</i> , 2010, 82, 365-389.	1.6	42
28	Assortment of GABAergic Plasticity in the Cortical Interneuron Melting Pot. <i>Neural Plasticity</i> , 2011, 2011, 1-14.	1.0	40
29	GABAergic over-inhibition, a promising hypothesis for cognitive deficits in Down syndrome. <i>Free Radical Biology and Medicine</i> , 2018, 114, 33-39.	1.3	36
30	Autaptic self-inhibition of cortical GABAergic neurons: Synaptic narcissism or useful introspection?. <i>Current Opinion in Neurobiology</i> , 2014, 26, 64-71.	2.0	32
31	Alterations of specific cortical GABAergic circuits underlie abnormal network activity in a mouse model of Down syndrome. <i>ELife</i> , 2020, 9, .	2.8	31
32	Modulation of Coordinated Activity across Cortical Layers by Plasticity of Inhibitory Synapses. <i>Cell Reports</i> , 2020, 30, 630-641.e5.	2.9	23
33	The neuronal identity bias behind neocortical GABAergic plasticity. <i>Trends in Neurosciences</i> , 2015, 38, 524-534.	4.2	20
34	Intellectual and social similarity among scholarly journals: An exploratory comparison of the networks of editors, authors and co-citations. <i>Quantitative Science Studies</i> , 2020, 1, 277-289.	1.6	14
35	Statistical Analysis of the Hirsch Index. <i>Scandinavian Journal of Statistics</i> , 2012, 39, 681-694.	0.9	13
36	Synaptic inhibition in the neocortex: Orchestration and computation through canonical circuits and variations on the theme. <i>Cortex</i> , 2020, 132, 258-280.	1.1	13

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37	Editorial: Plasticity of GABAergic synapses. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 262.	1.8	10
38	Regulation of interlocking directorates in the financial sector: a comparative case study. <i>European Journal of Law and Economics</i> , 2016, 41, 431-457.	0.5	9
39	Human-Specific Cortical Synaptic Connections and Their Plasticity: Is That What Makes Us Human?. <i>PLoS Biology</i> , 2017, 15, e2001378.	2.6	7
40	On the agreement between bibliometrics and peer review: Evidence from the Italian research assessment exercises. <i>PLoS ONE</i> , 2020, 15, e0242520.	1.1	7
41	Normative versus strategic accounts of acknowledgment data: The case of the top-five journals of economics. <i>Scientometrics</i> , 2022, 127, 603-635.	1.6	6
42	Reply to the comment of Bertocchi et al.. <i>Scientometrics</i> , 2016, 108, 1675-1684.	1.6	5
43	Random variate generation and connected computational issues for the Poisson-Tweedie distribution. <i>Computational Statistics</i> , 2016, 31, 729-748.	0.8	5
44	GABACORTEX, Cortical inhibitory control circuits, ANR. <i>Impact</i> , 2017, 2017, 84-87.	0.0	1
45	Just an artifact? The concordance between peer review and bibliometrics in economics and statistics in the Italian research assessment exercise. <i>Quantitative Science Studies</i> , 2022, 3, 194-207.	1.6	0
46	Title is missing!. , 2020, 15, e0242520.		0
47	Title is missing!. , 2020, 15, e0242520.		0
48	Title is missing!. , 2020, 15, e0242520.		0
49	Title is missing!. , 2020, 15, e0242520.		0
50	Title is missing!. , 2020, 15, e0242520.		0