Flavia Antonucci

List of Publications by Year
in descending order

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Version: 2024-02-01

35 papers	2,389 citations	331670 21 h-index	361022 35 g-index
36 all docs	36 docs citations	36 times ranked	3908 citing authors

#	Article	IF	Citations
1	ATM rules neurodevelopment and glutamatergic transmission in the hippocampus but not in the cortex. Cell Death and Disease, 2022, 13, .	6.3	5
2	The DNA repair protein ATM as a target in autism spectrum disorder. JCI Insight, 2021, 6, .	5.0	13
3	The Link Between Autonomic Nervous System and Rheumatoid Arthritis: From Bench to Bedside. Frontiers in Medicine, 2020, 7, 589079.	2.6	30
4	ATM Protein Kinase: Old and New Implications in Neuronal Pathways and Brain Circuitry. Cells, 2020, 9, 1969.	4.1	19
5	Cyclase-associated protein 2 dimerization regulates cofilin in synaptic plasticity and Alzheimer's disease. Brain Communications, 2020, 2, fcaa086.	3.3	29
6	Amyloid-Î² Oligomers Regulate ADAM10 Synaptic Localization Through Aberrant Plasticity Phenomena. Molecular Neurobiology, 2019, 56, 7136-7143.	4.0	9
7	A Novel Mecp2Y120D Knock-in Model Displays Similar Behavioral Traits But Distinct Molecular Features Compared to the Mecp2-Null Mouse Implying Precision Medicine for the Treatment of Rett Syndrome. Molecular Neurobiology, 2019, 56, 4838-4854.	4.0	19
8	The antidepressant tianeptine reverts synaptic AMPA receptor defects caused by deficiency of CDKL5. Human Molecular Genetics, 2018, 27, 2052-2063.	2.9	29
9	Maternal Immune Activation Delays Excitatory-to-Inhibitory Gamma-Aminobutyric Acid Switch in Offspring. Biological Psychiatry, 2018, 83, 680-691.	1.3	72
10	SNAP-25, a Known Presynaptic Protein with Emerging Postsynaptic Functions. Frontiers in Synaptic Neuroscience, 2016, 8, 7.	2.5	122
11	Sphingosine-1-Phosphate (S1P) Impacts Presynaptic Functions by Regulating Synapsin I Localization in the Presynaptic Compartment. Journal of Neuroscience, 2016, 36, 4624-4634.	3.6	51
12	The Timing of the Excitatory-to-Inhibitory GABA Switch Is Regulated by the Oxytocin Receptor via KCC2. Cell Reports, 2016, 15, 96-103.	6.4	141
13	New Role of ATM in Controlling GABAergic Tone During Development. Cerebral Cortex, 2016, 26, 3879-3888.	2.9	20
14	Exogenous Alpha-Synuclein Alters Pre- and Post-Synaptic Activity by Fragmenting Lipid Rafts. EBioMedicine, 2016, 7, 191-204.	6.1	24
15	Active endocannabinoids are secreted on the surface of microglial microvesicles. SpringerPlus, 2015, 4, L29.	1.2	11
16	VGLUT1/VGAT co-expression sustains glutamate-gaba co-release and is regulated by activity. Journal of Cell Science, 2015, 128, 1669-73.	2.0	19
17	Active endocannabinoids are secreted on extracellular membrane vesicles. EMBO Reports, 2015, 16, 213-220.	4.5	182
18	A soluble biocompatible guanidine-containing polyamidoamine as promoter of primary brain cell adhesion andin vitrocell culturing. Science and Technology of Advanced Materials, 2014, 15, 045007.	6.1	14

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19	Leucine-Rich Repeat Kinase 2 Binds to Neuronal Vesicles through Protein Interactions Mediated by Its C-Terminal WD40 Domain. Molecular and Cellular Biology, 2014, 34, 2147-2161.	2.3	91
20	Epileptiform Activity and Cognitive Deficits in SNAP-25+/âˆ' Mice are Normalized by Antiepileptic Drugs. Cerebral Cortex, 2014, 24, 364-376.	2.9	78
21	Reduced SNAPâ€25 alters shortâ€term plasticity at developing glutamatergic synapses. EMBO Reports, 2013, 14, 645-651.	4.5	64
22	Kainate Induces Mobilization of Synaptic Vesicles at the Growth Cone through the Activation of Protein Kinase A. Cerebral Cortex, 2013, 23, 531-541.	2.9	17
23	Cracking Down on Inhibition: Selective Removal of GABAergic Interneurons from Hippocampal Networks. Journal of Neuroscience, 2012, 32, 1989-2001.	3.6	40
24	Microvesicles released from microglia stimulate synaptic activity via enhanced sphingolipid metabolism. EMBO Journal, 2012, 31, 1231-1240.	7.8	266
25	Phenotypic Changes, Signaling Pathway, and Functional Correlates of GPR17-expressing Neural Precursor Cells during Oligodendrocyte Differentiation. Journal of Biological Chemistry, 2011, 286, 10593-10604.	3.4	154
26	Evidence for Anterograde Transport and Transcytosis of Botulinum Neurotoxin A (BoNT/A). Journal of Neuroscience, 2011, 31, 15650-15659.	3.6	139
27	Impaired neurogenesis, learning and memory and low seizure threshold associated with loss of neural precursor cell survivin. BMC Neuroscience, 2010, 11, 2.	1.9	20
28	Intrahippocampal infusion of botulinum neurotoxin E (BoNT/E) reduces spontaneous recurrent seizures in a mouse model of mesial temporal lobe epilepsy. Epilepsia, 2009, 50, 963-966.	5.1	38
29	A reappraisal of the central effects of botulinum neurotoxin type A: by what mechanism?. Journal of Neurochemistry, 2009, 109, 15-24.	3.9	75
30	Calpain activity contributes to the control of SNAP-25 levels in neurons. Molecular and Cellular Neurosciences, 2008, 39, 314-323.	2.2	18
31	Botulinum neurotoxin E (BoNT/E) reduces CA1 neuron loss and granule cell dispersion, with no effects on chronic seizures, in a mouse model of temporal lobe epilepsy. Experimental Neurology, 2008, 210, 388-401.	4.1	52
32	Long-Distance Retrograde Effects of Botulinum Neurotoxin A. Journal of Neuroscience, 2008, 28, 3689-3696.	3.6	382
33	BoNT/E prevents seizure-induced activation of caspase 3 in the rat hippocampus. NeuroReport, 2007, 18, 577-580.	1.2	14
34	Action of botulinum neurotoxins in the central nervous system: Antiepileptic effects. Neurotoxicity Research, 2006, 9, 197-203.	2.7	44
35	Antiepileptic Effects of Botulinum Neurotoxin E. Journal of Neuroscience, 2005, 25, 1943-1951.	3.6	87