

Silvia Giovedà

List of Publications by Year in descending order

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35
papers

2,498
citations

304743

22
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

3798
citing authors

#	ARTICLE	IF	CITATIONS
1	A Selective Activity-Dependent Requirement for Dynamin 1 in Synaptic Vesicle Endocytosis. <i>Science</i> , 2007, 316, 570-574.	12.6	454
2	Recruitment of Endophilin to Clathrin-Coated Pit Necks Is Required for Efficient Vesicle Uncoating after Fission. <i>Neuron</i> , 2011, 72, 587-601.	8.1	294
3	The Inhibitory Effects of Interleukin-6 on Synaptic Plasticity in the Rat Hippocampus Are Associated with an Inhibition of Mitogen-Activated Protein Kinase ERK. <i>Journal of Neurochemistry</i> , 2000, 75, 634-643.	3.9	206
4	Overlapping Role of Dynamin Isoforms in Synaptic Vesicle Endocytosis. <i>Neuron</i> , 2011, 70, 1100-1114.	8.1	190
5	Synaptojanin 1-linked phosphoinositide dyshomeostasis and cognitive deficits in mouse models of Down's syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 9415-9420.	7.1	157
6	Role of dynamin, synaptojanin, and endophilin in podocyte foot processes. <i>Journal of Clinical Investigation</i> , 2012, 122, 4401-4411.	8.2	137
7	PRRT2 Is a Key Component of the Ca ²⁺ -Dependent Neurotransmitter Release Machinery. <i>Cell Reports</i> , 2016, 15, 117-131.	6.4	121
8	Structural Determinants of the Specificity for Synaptic Vesicle-associated Membrane Protein/Synaptojanin of Tetanus and Botulinum Type B and C Neurotoxins. <i>Journal of Biological Chemistry</i> , 1996, 271, 20353-20358.	3.4	107
9	Interleukin-6 inhibits neurotransmitter release and the spread of excitation in the rat cerebral cortex. <i>European Journal of Neuroscience</i> , 2000, 12, 1241-1252.	2.6	96
10	Synapsin Is a Novel Rab3 Effector Protein on Small Synaptic Vesicles. <i>Journal of Biological Chemistry</i> , 2004, 279, 43769-43779.	3.4	56
11	Involvement of Synaptic Genes in the Pathogenesis of Autism Spectrum Disorders: The Case of Synapsins. <i>Frontiers in Pediatrics</i> , 2014, 2, 94.	1.9	54
12	Phosphorylation by cAMP-dependent protein kinase is essential for synapsin-induced enhancement of neurotransmitter release in invertebrate neurons. <i>Journal of Cell Science</i> , 2004, 117, 5145-5154.	2.0	53
13	Synapsin Is a Novel Rab3 Effector Protein on Small Synaptic Vesicles. <i>Journal of Biological Chemistry</i> , 2004, 279, 43760-43768.	3.4	52
14	VGLUT1 and VGAT are sorted to the same population of synaptic vesicles in subsets of cortical axon terminals. <i>Journal of Neurochemistry</i> , 2009, 110, 1538-1546.	3.9	52
15	Upregulation of Parkin in Endophilin Mutant Mice. <i>Journal of Neuroscience</i> , 2014, 34, 16544-16549.	3.6	50
16	Phosphorylation of synapsin domain A is required for post-tetanic potentiation. <i>Journal of Cell Science</i> , 2007, 120, 3228-3237.	2.0	43
17	Protein-protein interactions and protein modules in the control of neurotransmitter release. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 243-257.	4.0	36
18	Analysis of Synaptotagmin, SV2, and Rab3 Expression in Cortical Glutamatergic and GABAergic Axon Terminals. <i>Frontiers in Cellular Neuroscience</i> , 2011, 5, 32.	3.7	32

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19	The highly conserved synapsin domain E mediates synapsin dimerization and phospholipid vesicle clustering. <i>Biochemical Journal</i> , 2010, 426, 55-64.	3.7	29
20	Presynaptic NMDA receptors: dynamics and distribution in developing axons <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Cell Science</i> , 2015, 128, 768-80.	2.0	29
21	Dysfunctional Autophagy and Endolysosomal System in Neurodegenerative Diseases: Relevance and Therapeutic Options. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 602116.	3.7	28
22	Functional Role of ATP Binding to Synapsin I In Synaptic Vesicle Trafficking and Release Dynamics. <i>Journal of Neuroscience</i> , 2014, 34, 14752-14768.	3.6	27
23	Evidence of calcium- and SNARE-dependent release of CuZn superoxide dismutase from rat pituitary GH3 cells and synaptosomes in response to depolarization. <i>Journal of Neurochemistry</i> , 2007, 102, 679-685.	3.9	24
24	Cell adhesion molecule L1 contributes to neuronal excitability regulating the function of voltage-gated sodium channels. <i>Journal of Cell Science</i> , 2016, 129, 1878-91.	2.0	23
25	Biallelic DMXL2 mutations impair autophagy and cause Ohtahara syndrome with progressive course. <i>Brain</i> , 2019, 142, 3876-3891.	7.6	23
26	Specific interactions of neuronal focal adhesion kinase isoforms with Src kinases and amphiphysin. <i>Journal of Neurochemistry</i> , 2003, 84, 253-265.	3.9	22
27	Synapsin III Acts Downstream of Semaphorin 3A/CDK5 Signaling to Regulate Radial Migration and Orientation of Pyramidal Neurons <i>In Vivo</i> . <i>Cell Reports</i> , 2015, 11, 234-248.	6.4	22
28	Phosphorylation by PKA and Cdk5 Mediates the Early Effects of Synapsin III in Neuronal Morphological Maturation. <i>Journal of Neuroscience</i> , 2015, 35, 13148-13159.	3.6	21
29	Inhibition of Neurotransmitter Release by a Nonphysiological Target Requires Protein Synthesis and Involves cAMP-Dependent and Mitogen-Activated Protein Kinases. <i>Journal of Neuroscience</i> , 2004, 24, 5054-5062.	3.6	18
30	The translocation of focal adhesion kinase in brain synaptosomes is regulated by phosphorylation and actin assembly. <i>Journal of Neurochemistry</i> , 2002, 81, 1212-1222.	3.9	16
31	APache Is an AP2-Interacting Protein Involved in Synaptic Vesicle Trafficking and Neuronal Development. <i>Cell Reports</i> , 2017, 21, 3596-3611.	6.4	14
32	Altered Intracellular Calcium Homeostasis Underlying Enhanced Glutamatergic Transmission in Striatal-Enriched Tyrosine Phosphatase (STEP) Knockout Mice. <i>Molecular Neurobiology</i> , 2018, 55, 8084-8102.	4.0	7
33	Heterogeneity of presynaptic proteins: do not forget isoforms. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 8.	3.7	4
34	Phosphorylation of synapsin domain A is required for post-tetanic potentiation. <i>Journal of Cell Science</i> , 2007, 120, 3321-3321.	2.0	1
35	Purification of Clathrin-Coated Vesicles from Adult Rat Brain. <i>Methods in Molecular Biology</i> , 2018, 1847, 1-11.	0.9	0