Christina Spilker

List of Publications by Year
in descending order

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24 papers	1,952 citations	361413 20 h-index	610901 24 g-index
27 all docs	27 docs citations	27 times ranked	2752 citing authors

#	Article	IF	Citations
1	SIPA1L2 controls trafficking and local signaling of TrkB-containing amphisomes at presynaptic terminals. Nature Communications, 2019, 10, 5448.	12.8	64
2	Caldendrin Directly Couples Postsynaptic Calcium Signals to Actin Remodeling in Dendritic Spines. Neuron, 2018, 97, 1110-1125.e14.	8.1	68
3	A Jacob/Nsmf Gene Knockout Results in Hippocampal Dysplasia and Impaired BDNF Signaling in Dendritogenesis. PLoS Genetics, 2016, 12, e1005907.	3.5	36
4	What do we learn from the murine Jacob/Nsmf gene knockout for human disease?. Rare Diseases (Austin, Tex), 2016, 4, e1241361.	1.8	8
5	Molecular Dynamics of the Neuronal EF-Hand Ca2+-Sensor Caldendrin. PLoS ONE, 2014, 9, e103186.	2.5	14
6	Encoding and Transducing the Synaptic or Extrasynaptic Origin of NMDA Receptor Signals to the Nucleus. Cell, 2013, 152, 1119-1133.	28.9	173
7	Autistic-like behaviours and hyperactivity in mice lacking ProSAP1/Shank2. Nature, 2012, 486, 256-260.	27.8	570
8	RapGAPs in brain: multipurpose players in neuronal Rap signalling. European Journal of Neuroscience, 2010, 32, 1-9.	2.6	50
9	SPAR2, a novel SPARâ€related protein with GAP activity for Rap1 and Rap2. Journal of Neurochemistry, 2008, 104, 187-201.	3.9	35
10	Caldendrinâ€“Jacob: A Protein Liaison That Couples NMDA Receptor Signalling to the Nucleus. PLoS Biology, 2008, 6, e34.	5.6	177
11	Antagonistic effects of TrkB and p75NTRon NMDA receptor currents in post-synaptic densities transplanted into Xenopus oocytes. Journal of Neurochemistry, 2007, 101, 1672-1684.	3.9	16
12	Ca2+-independent binding and cellular expression profiles question a significant role of calmyrin in transduction of Ca2+-signals to Alzheimer's disease-related presenilin 2 in forebrain. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2006, 1762, 66-72.	3.8	18
13	ProSAP-interacting Protein 1 (ProSAPiP1), a Novel Protein of the Postsynaptic Density That Links the Spine-associated Rap-Gap (SPAR) to the Scaffolding Protein ProSAP2/Shank3. Journal of Biological Chemistry, 2006, 281, 13805-13816.	3.4	60
14	C-terminal synaptic targeting elements for postsynaptic density proteins ProSAP1/Shank2 and ProSAP2/Shank3. Journal of Neurochemistry, 2005, 92, 519-524.	3.9	112
15	Brain region-specific changes in the expression of calcium sensor proteins after repeated applications of ketamine to rats. Neuroscience Letters, 2003, 339, 95-98.	2.1	34
16	Functional regions of the presynaptic cytomatrix protein bassoon: significance for synaptic targeting and cytomatrix anchoring. Molecular and Cellular Neurosciences, 2003, 23, 279-291.	2.2	103
17	Calciumâ€“myristoyl switch, subcellular localization, and calcium-dependent translocation of the neuronal calcium sensor protein VILIP-3, and comparison with VILIP-1 in hippocampal neuronsâ˜†. Molecular and Cellular Neurosciences, 2003, 24, 766-778.	2.2	40
18	Hippocampal expression of the calcium sensor protein visinin-like protein-1 in schizophrenia. NeuroReport, 2002, 13, 393-396.	1.2	42

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19	Reversible Translocation and Activity-Dependent Localization of the Calciumâ€“Myristoyl Switch Protein VILIP-1 to Different Membrane Compartments in Living Hippocampal Neurons. Journal of Neuroscience, 2002, 22, 7331-7339.	3.6	77
20	Intracellular neuronal calcium sensor (NCS) protein VILIP-1 modulates cGMP signalling pathways in transfected neural cells and cerebellar granule neurones. Journal of Neurochemistry, 2001, 78, 1277-1286.	3.9	55
21	Abnormal Localization of Two Neuronal Calcium Sensor Proteins, Visinin-Like Proteins (VILIPs)-1 and -3, in Neocortical Brain Areas of Alzheimer Disease Patients. Dementia and Geriatric Cognitive Disorders, 2001, 12, 110-116.	1.5	65
22	The neuronal EF-hand calcium-binding protein visinin-like protein-3 is expressed in cerebellar Purkinje cells and shows a calcium-dependent membrane association. Neuroscience, 2000, 96, 121-129.	2.3	56
23	Calcium- and myristoyl-dependent subcellular localization of the neuronal calcium-binding protein VILIP in transfected PC12 cells. Neuroscience Letters, 1997, 225, 126-128.	2.1	24
24	The Neuronal Calciumâ€Sensor Protein VILIP Modulates Cyclic AMP Accumulation in Stably Transfected C6 Glioma Cells: Aminoâ€Terminal Myristoylation Determines Functional Activity. Journal of Neurochemistry, 1997, 68, 2129-2139.	3.9	53