Agnes Thalhammer

List of Publications by Year
in descending order

28 papers	2,266 citations	430874 18 h-index	552781 26 g-index
29 all docs	29 docs citations	29 times ranked	3292 citing authors

#	Article	IF	Citations
1	Integrin adhesion in brain assembly: From molecular structure to neuropsychiatric disorders. European Journal of Neuroscience, 2021, 53, 3831-3850.	2.6	42
2	PRRT2 modulates presynaptic Ca2+ influx by interacting with P/Q-type channels. Cell Reports, 2021, 35, 109248.	6.4	15
3	Diverse inflammatory threats modulate astrocytes Ca2+ signaling via connexin43 hemichannels in organotypic spinal slices. Molecular Brain, 2021, 14, 159.	2.6	13
4	Targeting Alternative Splicing as a Potential Therapy for Episodic Ataxia Type 2. Biomedicines, 2020, 8, 332.	3.2	13
5	Emerging Roles of Activity-Dependent Alternative Splicing in Homeostatic Plasticity. Frontiers in Cellular Neuroscience, 2020, 14, 104.	3.7	16
6	Combining Optogenetics with Artificial microRNAs to Characterize the Effects of Gene Knockdown on Presynaptic Function within Intact Neuronal Circuits. Journal of Visualized Experiments, 2018, , .	0.3	4
7	Alternative Splicing of P/Q-Type Ca 2+ Channels Shapes Presynaptic Plasticity. Cell Reports, 2017, 20, 333-343.	6.4	46
8	Exogenous Â-Synuclein Decreases Raft Partitioning of Cav2.2 Channels Inducing Dopamine Release. Journal of Neuroscience, 2014, 34, 10603-10615.	3.6	53
9	Cell adhesion and homeostatic synaptic plasticity. Neuropharmacology, 2014, 78, 23-30.	4.1	73
10	Activity-dependent Protein Dynamics Define Interconnected Cores of Co-regulated Postsynaptic Proteins. Molecular and Cellular Proteomics, 2013, 12, 29-41.	3.8	22
11	Patterned neuronal networks using nanodiamonds and the effect of varying nanodiamond properties on neuronal adhesion and outgrowth. Journal of Neural Engineering, 2013, 10, 056022.	3.5	49
12	Global Identification and Characterization of Both O-GlcNAcylation and Phosphorylation at the Murine Synapse. Molecular and Cellular Proteomics, 2012, 11, 215-229.	3.8	363
13	Large scale analysis of synaptic phosphorylation and Oâ€GlcNAcylation reveals complex interplay between these postâ€translational modifications. FASEB Journal, 2012, 26, 978.2.	0.5	0
14	The use of nanodiamond monolayer coatings to promote the formation of functional neuronal networks. Biomaterials, 2010, 31, 2097-2104.	11.4	126
15	Identification of protein O-GlcNAcylation sites using electron transfer dissociation mass spectrometry on native peptides. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8894-8899.	7.1	225
16	Densinâ€180: revised membrane topology, domain structure and phosphorylation status. Journal of Neurochemistry, 2009, 109, 297-302.	3.9	19
17	Activity-Dependent Regulation of Synaptic AMPA Receptor Composition and Abundance by Î²3 Integrins. Neuron, 2008, 58, 749-762.	8.1	197
18	Quantitative Analysis of Synaptic Phosphorylation and Protein Expression. Molecular and Cellular Proteomics, 2008, 7, 684-696.	3.8	188

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19	CaMKII translocation requires local NMDA receptor-mediated Ca2+ signaling. EMBO Journal, 2006, 25, 5873-5883.	7.8	36
20	Subunit Dependencies of N-Methyl-d-aspartate (NMDA) Receptor-Induced Î±-Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA) Receptor Internalization. Molecular Pharmacology, 2006, 69, 1251-1259.	2.3	37
21	O-Linked N-Acetylglucosamine Proteomics of Postsynaptic Density Preparations Using Lectin Weak Affinity Chromatography and Mass Spectrometry. Molecular and Cellular Proteomics, 2006, 5, 923-934.	3.8	312
22	Comprehensive Identification of Phosphorylation Sites in Postsynaptic Density Preparations. Molecular and Cellular Proteomics, 2006, 5, 914-922.	3.8	229
23	Analysis and Quantification of Protein and Phosphorylation Expression at the Synapse. FASEB Journal, 2006, 20, A528.	0.5	0
24	Phosphorylation state of postsynaptic density proteins. Journal of Neurochemistry, 2005, 92, 1306-1316.	3.9	73
25	Subcellular localisation of recombinant Î±- and Î³-synuclein. Molecular and Cellular Neurosciences, 2005, 28, 326-334.	2.2	74
26	Inhibition by Lectins of Glutamate Receptor Desensitization Is Determined by the Lectin's Sugar Specificity at Kainate But Not AMPA Receptors. Molecular and Cellular Neurosciences, 2002, 21, 521-533.	2.2	13
27	Identification of Domains and Amino Acids Involved in GluR7 Ion Channel Function. Journal of Neuroscience, 2001, 21, 401-411.	3.6	15
28	A desensitization-inhibiting mutation in the glutamate binding site of rat Î±-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid receptor subunits is dominant in heteromultimeric complexes. Neuroscience Letters, 1999, 277, 161-164.	2.1	9