

Agnes Thalhammer

List of Publications by Year in descending order

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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	Global Identification and Characterization of Both O-GlcNAcylation and Phosphorylation at the Murine Synapse. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 215-229.	3.8	363
2	O-Linked N-Acetylglucosamine Proteomics of Postsynaptic Density Preparations Using Lectin Weak Affinity Chromatography and Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 923-934.	3.8	312
3	Comprehensive Identification of Phosphorylation Sites in Postsynaptic Density Preparations. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 914-922.	3.8	229
4	Identification of protein O-GlcNAcylation sites using electron transfer dissociation mass spectrometry on native peptides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8894-8899.	7.1	225
5	Activity-Dependent Regulation of Synaptic AMPA Receptor Composition and Abundance by β 3 Integrins. <i>Neuron</i> , 2008, 58, 749-762.	8.1	197
6	Quantitative Analysis of Synaptic Phosphorylation and Protein Expression. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 684-696.	3.8	188
7	The use of nanodiamond monolayer coatings to promote the formation of functional neuronal networks. <i>Biomaterials</i> , 2010, 31, 2097-2104.	11.4	126
8	Subcellular localisation of recombinant β - and β -synuclein. <i>Molecular and Cellular Neurosciences</i> , 2005, 28, 326-334.	2.2	74
9	Phosphorylation state of postsynaptic density proteins. <i>Journal of Neurochemistry</i> , 2005, 92, 1306-1316.	3.9	73
10	Cell adhesion and homeostatic synaptic plasticity. <i>Neuropharmacology</i> , 2014, 78, 23-30.	4.1	73
11	Exogenous β -Synuclein Decreases Raft Partitioning of Cav2.2 Channels Inducing Dopamine Release. <i>Journal of Neuroscience</i> , 2014, 34, 10603-10615.	3.6	53
12	Patterned neuronal networks using nanodiamonds and the effect of varying nanodiamond properties on neuronal adhesion and outgrowth. <i>Journal of Neural Engineering</i> , 2013, 10, 056022.	3.5	49
13	Alternative Splicing of P/Q-Type Ca ²⁺ Channels Shapes Presynaptic Plasticity. <i>Cell Reports</i> , 2017, 20, 333-343.	6.4	46
14	Integrin adhesion in brain assembly: From molecular structure to neuropsychiatric disorders. <i>European Journal of Neuroscience</i> , 2021, 53, 3831-3850.	2.6	42
15	Subunit Dependencies of N-Methyl-d-aspartate (NMDA) Receptor-Induced β -Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA) Receptor Internalization. <i>Molecular Pharmacology</i> , 2006, 69, 1251-1259.	2.3	37
16	CaMKII translocation requires local NMDA receptor-mediated Ca ²⁺ signaling. <i>EMBO Journal</i> , 2006, 25, 5873-5883.	7.8	36
17	Activity-dependent Protein Dynamics Define Interconnected Cores of Co-regulated Postsynaptic Proteins. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 29-41.	3.8	22
18	Densin β 180: revised membrane topology, domain structure and phosphorylation status. <i>Journal of Neurochemistry</i> , 2009, 109, 297-302.	3.9	19

#	ARTICLE	IF	CITATIONS
19	Emerging Roles of Activity-Dependent Alternative Splicing in Homeostatic Plasticity. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 104.	3.7	16
20	Identification of Domains and Amino Acids Involved in GluR7 Ion Channel Function. <i>Journal of Neuroscience</i> , 2001, 21, 401-411.	3.6	15
21	PRRT2 modulates presynaptic Ca ²⁺ influx by interacting with P/Q-type channels. <i>Cell Reports</i> , 2021, 35, 109248.	6.4	15
22	Inhibition by Lectins of Glutamate Receptor Desensitization Is Determined by the Lectin's Sugar Specificity at Kainate But Not AMPA Receptors. <i>Molecular and Cellular Neurosciences</i> , 2002, 21, 521-533.	2.2	13
23	Targeting Alternative Splicing as a Potential Therapy for Episodic Ataxia Type 2. <i>Biomedicines</i> , 2020, 8, 332.	3.2	13
24	Diverse inflammatory threats modulate astrocytes Ca ²⁺ signaling via connexin43 hemichannels in organotypic spinal slices. <i>Molecular Brain</i> , 2021, 14, 159.	2.6	13
25	A desensitization-inhibiting mutation in the glutamate binding site of rat α -amino-3-hydroxy-5-methyl-4-isoxazole propionic acid receptor subunits is dominant in heteromultimeric complexes. <i>Neuroscience Letters</i> , 1999, 277, 161-164.	2.1	9
26	Combining Optogenetics with Artificial microRNAs to Characterize the Effects of Gene Knockdown on Presynaptic Function within Intact Neuronal Circuits. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	4
27	Analysis and Quantification of Protein and Phosphorylation Expression at the Synapse. <i>FASEB Journal</i> , 2006, 20, A528.	0.5	0
28	Large scale analysis of synaptic phosphorylation and O ⁶ -GlcNAcylation reveals complex interplay between these post-translational modifications. <i>FASEB Journal</i> , 2012, 26, 978.2.	0.5	0