

Joachim Kirsch

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,692
citations

430874

18
h-index

315739

38
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42
all docs

42
docs citations

42
times ranked

1995
citing authors

#	ARTICLE	IF	CITATIONS
1	Artemisinin-treatment in pre-symptomatic APP-PS1 mice increases gephyrin phosphorylation at Ser270: a modification regulating postsynaptic GABA _A density. <i>Biological Chemistry</i> , 2022, 403, 73-87.	2.5	4
2	Good healing potential of patellar chondral defects after all-arthroscopic autologous chondrocyte implantation with spheroids: a second-look arthroscopic assessment. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 1535-1542.	4.2	8
3	Strengths and Weaknesses of Non-enhanced and Contrast-enhanced Cadaver Computed Tomography Scans in the Teaching of Gross Anatomy in an Integrated Curriculum. <i>Anatomical Sciences Education</i> , 2021, , .	3.7	5
4	Binding of gephyrin to microtubules is regulated by its phosphorylation at Ser270. <i>Histochemistry and Cell Biology</i> , 2021, 156, 5-18.	1.7	5
5	Artesunate restores the levels of inhibitory synapse proteins and reduces amyloid- β^2 and C-terminal fragments (CTFs) of the amyloid precursor protein in an AD-mouse model. <i>Molecular and Cellular Neurosciences</i> , 2021, 113, 103624.	2.2	9
6	Targeted Ablation of Primary Cilia in Differentiated Dopaminergic Neurons Reduces Striatal Dopamine and Responsiveness to Metabolic Stress. <i>Antioxidants</i> , 2021, 10, 1284.	5.1	7
7	Nucleolar stress controls mutant Huntington toxicity and monitors Huntington's disease progression. <i>Cell Death and Disease</i> , 2021, 12, 1139.	6.3	10
8	Influence of syndesmotic injuries and posterior malleolar ankle fractures on fibula position in the ankle joint: a cadaveric study. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 47, 905-912.	1.7	6
9	Amyloid- β^2 Fosters p35/CDK5 Signaling Contributing to Changes of Inhibitory Synapses in Early Stages of Cerebral Amyloidosis. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 1167-1187.	2.6	8
10	Using Nonexpert Online Reports to Enhance Expert Knowledge About Causes of Death in Dental Offices Reported in Scientific Publications: Qualitative and Quantitative Content Analysis and Search Engine Analysis. <i>Journal of Medical Internet Research</i> , 2020, 22, e15304.	4.3	3
11	Influence of ankle joint position on angles and distances of the ankle mortise using intraoperative cone beam CT: A cadaveric study. <i>PLoS ONE</i> , 2019, 14, e0217737.	2.5	8
12	Targeted Depletion of Primary Cilia in Dopaminergic Neurons in a Preclinical Mouse Model of Huntington's Disease. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 565.	3.7	10
13	Early alterations in hippocampal perisomatic GABAergic synapses and network oscillations in a mouse model of Alzheimer's disease amyloidosis. <i>PLoS ONE</i> , 2019, 14, e0209228.	2.5	66
14	Gephyrin: a key regulatory protein of inhibitory synapses and beyond. <i>Histochemistry and Cell Biology</i> , 2018, 150, 489-508.	1.7	47
15	Biphasic Alteration of the Inhibitory Synapse Scaffold Protein Gephyrin in Early and Late Stages of an Alzheimer Disease Model. <i>American Journal of Pathology</i> , 2016, 186, 2279-2291.	3.8	28
16	KCC2 knockdown impairs glycinergic synapse maturation in cultured spinal cord neurons. <i>Histochemistry and Cell Biology</i> , 2016, 145, 637-646.	1.7	16
17	Forebrain-specific loss of synaptic GABA _A receptors results in altered neuronal excitability and synaptic plasticity in mice. <i>Molecular and Cellular Neurosciences</i> , 2016, 72, 101-113.	2.2	12
18	Histological analysis of the tibial anterior cruciate ligament insertion. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 747-753.	4.2	45

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19	Flat midsubstance of the anterior cruciate ligament with tibial "C" shaped insertion site. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 3136-3142.	4.2	155
20	Intraosseous Vascular Access through the Anterior Mandible " A Cadaver Model Pilot Study. <i>PLoS ONE</i> , 2014, 9, e112686.	2.5	1
21	Cyclin-Dependent Kinase 5 Is Involved in the Phosphorylation of Gephyrin and Clustering of GABAA Receptors at Inhibitory Synapses of Hippocampal Neurons. <i>PLoS ONE</i> , 2014, 9, e104256.	2.5	25
22	Effects of two elongation factor 1A isoforms on the formation of gephyrin clusters at inhibitory synapses in hippocampal neurons. <i>Histochemistry and Cell Biology</i> , 2013, 140, 603-609.	1.7	24
23	Phosphorylation of Gephyrin in Hippocampal Neurons by Cyclin-dependent Kinase CDK5 at Ser-270 Is Dependent on Collybistin. <i>Journal of Biological Chemistry</i> , 2012, 287, 30952-30966.	3.4	56
24	Expression and subcellular distribution of gephyrin in non-neuronal tissues and cells. <i>Histochemistry and Cell Biology</i> , 2012, 137, 471-482.	1.7	22
25	Molecular architecture of glycinergic synapses. <i>Histochemistry and Cell Biology</i> , 2008, 130, 617-633.	1.7	17
26	Hydrophobic Interactions Mediate Binding of the Glycine Receptor β -Subunit to Gephyrin. <i>Journal of Neurochemistry</i> , 2008, 72, 1323-1326.	3.9	75
27	Components of the Translational Machinery Are Associated with Juvenile Glycine Receptors and Are Redistributed to the Cytoskeleton upon Aging and Synaptic Activity. <i>Journal of Biological Chemistry</i> , 2007, 282, 37783-37793.	3.4	13
28	The Crystal Structure of Cdc42 in Complex with Collybistin II, a Gephyrin-interacting Guanine Nucleotide Exchange Factor. <i>Journal of Molecular Biology</i> , 2006, 359, 35-46.	4.2	63
29	Glycinergic transmission. <i>Cell and Tissue Research</i> , 2006, 326, 535-540.	2.9	65
30	Complex Formation between the Postsynaptic Scaffolding Protein Gephyrin, Profilin, and Mena: A Possible Link to the Microfilament System. <i>Journal of Neuroscience</i> , 2003, 23, 8330-8339.	3.6	109
31	Gephyrin Interacts with Dynein Light Chains 1 and 2, Components of Motor Protein Complexes. <i>Journal of Neuroscience</i> , 2002, 22, 5393-5402.	3.6	176
32	Collybistin, a newly identified brain-specific GEF, induces submembrane clustering of gephyrin. <i>Nature Neuroscience</i> , 2000, 3, 22-29.	14.8	245
33	Incorporation of a gephyrin-binding motif targets NMDA receptors to gephyrin-rich domains in HEK 293 cells. <i>European Journal of Neuroscience</i> , 1999, 11, 740-744.	2.6	18
34	Interaction of RAFT1 with Gephyrin Required for Rapamycin-Sensitive Signaling. <i>Science</i> , 1999, 284, 1161-1164.	12.6	172
35	Dual Requirement for Gephyrin in Glycine Receptor Clustering and Molybdoenzyme Activity. , 1998, 282, 1321-1324.		387
36	Development of adult-type inhibitory glycine receptors in the central auditory system of rats. , 1997, 385, 117-134.		93

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37	Identification of a gephyrin binding motif on the glycine receptor $\hat{\alpha}2$ subunit. <i>Neuron</i> , 1995, 15, 563-572.	8.1	400
38	Targeting of Glycine Receptor Subunits to Gephyrin-Rich Domains in Transfected Human Embryonic Kidney Cells. <i>Molecular and Cellular Neurosciences</i> , 1995, 6, 450-461.	2.2	125
39	Widespread expression of gephyrin, a putative glycine receptor-tubulin linker protein, in rat brain. <i>Brain Research</i> , 1993, 621, 301-310.	2.2	146