

Joachim Kirsch

List of Publications by Year in descending order

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39
papers

2,692
citations

430874

18
h-index

315739

38
g-index

42
all docs

42
docs citations

42
times ranked

1995
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a gephyrin binding motif on the glycine receptor $\hat{\Gamma}^2$ subunit. <i>Neuron</i> , 1995, 15, 563-572.	8.1	400
2	Dual Requirement for Gephyrin in Glycine Receptor Clustering and Molybdoenzyme Activity. , 1998, 282, 1321-1324.		387
3	Collybistin, a newly identified brain-specific GEF, induces submembrane clustering of gephyrin. <i>Nature Neuroscience</i> , 2000, 3, 22-29.	14.8	245
4	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
5	Interaction of RAFT1 with Gephyrin Required for Rapamycin-Sensitive Signaling. <i>Science</i> , 1999, 284, 1161-1164.	12.6	172
6	Flat midsubstance of the anterior cruciate ligament with tibial $\hat{\alpha}$ -shaped insertion site. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 3136-3142.	4.2	155
7	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
8	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
9	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
10	Development of adult-type inhibitory glycine receptors in the central auditory system of rats. , 1997, 385, 117-134.		93
11	Hydrophobic Interactions Mediate Binding of the Glycine Receptor $\hat{\Gamma}^2$ -Subunit to Gephyrin. <i>Journal of Neurochemistry</i> , 2008, 72, 1323-1326.	3.9	75
12	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
13	Glycinergic transmission. <i>Cell and Tissue Research</i> , 2006, 326, 535-540.	2.9	65
14	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
15	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
16	Gephyrin: a key regulatory protein of inhibitory synapses and beyond. <i>Histochemistry and Cell Biology</i> , 2018, 150, 489-508.	1.7	47
17	Histological analysis of the tibial anterior cruciate ligament insertion. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 747-753.	4.2	45
18	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

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19	Cyclin-Dependent Kinase 5 Is Involved in the Phosphorylation of Gephyrin and Clustering of GABAA Receptors at Inhibitory Synapses of Hippocampal Neurons. PLoS ONE, 2014, 9, e104256.	2.5	25
20	Effects of two elongation factor 1A isoforms on the formation of gephyrin clusters at inhibitory synapses in hippocampal neurons. Histochemistry and Cell Biology, 2013, 140, 603-609.	1.7	24
21	Expression and subcellular distribution of gephyrin in non-neuronal tissues and cells. Histochemistry and Cell Biology, 2012, 137, 471-482.	1.7	22
22	Incorporation of a gephyrin-binding motif targets NMDA receptors to gephyrin-rich domains in HEK 293 cells. European Journal of Neuroscience, 1999, 11, 740-744.	2.6	18
23	Molecular architecture of glycinergic synapses. Histochemistry and Cell Biology, 2008, 130, 617-633.	1.7	17
24	KCC2 knockdown impairs glycinergic synapse maturation in cultured spinal cord neurons. Histochemistry and Cell Biology, 2016, 145, 637-646.	1.7	16
25	Components of the Translational Machinery Are Associated with Juvenile Glycine Receptors and Are Redistributed to the Cytoskeleton upon Aging and Synaptic Activity. Journal of Biological Chemistry, 2007, 282, 37783-37793.	3.4	13
26	Forebrain-specific loss of synaptic GABAA receptors results in altered neuronal excitability and synaptic plasticity in mice. Molecular and Cellular Neurosciences, 2016, 72, 101-113.	2.2	12
27	Targeted Depletion of Primary Cilia in Dopaminergic Neurons in a Preclinical Mouse Model of Huntington's Disease. Frontiers in Cellular Neuroscience, 2019, 13, 565.	3.7	10
28	Nucleolar stress controls mutant Huntington toxicity and monitors Huntington's disease progression. Cell Death and Disease, 2021, 12, 1139.	6.3	10
29	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. Molecular and Cellular Neurosciences, 2021, 113, 103624.	2.2	9
30	Influence of ankle joint position on angles and distances of the ankle mortise using intraoperative cone beam CT: A cadaveric study. PLoS ONE, 2019, 14, e0217737.	2.5	8
31	Amyloid- β^2 Fosters p35/CDK5 Signaling Contributing to Changes of Inhibitory Synapses in Early Stages of Cerebral Amyloidosis. Journal of Alzheimer's Disease, 2020, 74, 1167-1187.	2.6	8
32	Good healing potential of patellar chondral defects after all-arthroscopic autologous chondrocyte implantation with spheroids: a second-look arthroscopic assessment. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 1535-1542.	4.2	8
33	Targeted Ablation of Primary Cilia in Differentiated Dopaminergic Neurons Reduces Striatal Dopamine and Responsiveness to Metabolic Stress. Antioxidants, 2021, 10, 1284.	5.1	7
34	Influence of syndesmotic injuries and posterior malleolar ankle fractures on fibula position in the ankle joint: a cadaveric study. European Journal of Trauma and Emergency Surgery, 2020, 47, 905-912.	1.7	6
35	Strengths and Weaknesses of Non-enhanced and Contrast-enhanced Cadaver Computed Tomography Scans in the Teaching of Gross Anatomy in an Integrated Curriculum. Anatomical Sciences Education, 2021, , .	3.7	5
36	Binding of gephyrin to microtubules is regulated by its phosphorylation at Ser270. Histochemistry and Cell Biology, 2021, 156, 5-18.	1.7	5

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37	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
38	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
39	Intraosseous Vascular Access through the Anterior Mandible – A Cadaver Model Pilot Study. <i>PLoS ONE</i> , 2014, 9, e112686.	2.5	1