

Michael J Schmeisser

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

2,787
citations

304743

22
h-index

289244

40
g-index

42
all docs

42
docs citations

42
times ranked

3868
citing authors

#	ARTICLE	IF	CITATIONS
1	Autistic-like behaviours and hyperactivity in mice lacking ProSAP1/Shank2. <i>Nature</i> , 2012, 486, 256-260.	27.8	570
2	Meta-analysis of SHANK Mutations in Autism Spectrum Disorders: A Gradient of Severity in Cognitive Impairments. <i>PLoS Genetics</i> , 2014, 10, e1004580.	3.5	501
3	Postsynaptic ProSAP/Shank scaffolds in the cross-hair of synaptopathies. <i>Trends in Cell Biology</i> , 2011, 21, 594-603.	7.9	238
4	Dysfunctional cerebellar Purkinje cells contribute to autism-like behaviour in Shank2-deficient mice. <i>Nature Communications</i> , 2016, 7, 12627.	12.8	180
5	Zinc deficiency dysregulates the synaptic ProSAP/Shank scaffold and might contribute to autism spectrum disorders. <i>Brain</i> , 2014, 137, 137-152.	7.6	154
6	Î² Kinase/Nuclear Factor Î²B-Dependent Insulin-Like Growth Factor 2 (Igf2) Expression Regulates Synapse Formation and Spine Maturation via Igf2 Receptor Signaling. <i>Journal of Neuroscience</i> , 2012, 32, 5688-5703.	3.6	116
7	In-depth protein profiling of the postsynaptic density from mouse hippocampus using data-independent acquisition proteomics. <i>Proteomics</i> , 2014, 14, 2607-2613.	2.2	103
8	Neurobiology of autism gene products: towards pathogenesis and drug targets. <i>Psychopharmacology</i> , 2014, 231, 1037-1062.	3.1	70
9	Phenotypic and functional analysis of SHANK3 stop mutations identified in individuals with ASD and/or ID. <i>Molecular Autism</i> , 2015, 6, 23.	4.9	68
10	Proteomic Analysis of Post-synaptic Density Fractions from Shank3 Mutant Mice Reveals Brain Region Specific Changes Relevant to Autism Spectrum Disorder. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 26.	2.9	66
11	The PSD protein ProSAP2/Shank3 displays synapto-nuclear shuttling which is deregulated in a schizophrenia-associated mutation. <i>Experimental Neurology</i> , 2014, 253, 126-137.	4.1	59
12	Shank3 is localized in axons and presynaptic specializations of developing hippocampal neurons and involved in the modulation of NMDA receptor levels at axon terminals. <i>Journal of Neurochemistry</i> , 2016, 137, 26-32.	3.9	56
13	Synaptic Cross-talk between N-Methyl-d-aspartate Receptors and LAPSER1-Î²-Catenin at Excitatory Synapses. <i>Journal of Biological Chemistry</i> , 2009, 284, 29146-29157.	3.4	53
14	An SK3 Channel/nWASP/Abi-1 Complex Is Involved in Early Neurogenesis. <i>PLoS ONE</i> , 2011, 6, e18148.	2.5	48
15	Insight on the fate of CNS-targeted nanoparticles. Part II: Intercellular neuronal cell-to-cell transport. <i>Journal of Controlled Release</i> , 2014, 177, 96-107.	9.9	48
16	Translational neurobiology in Shank mutant mice - Model systems for neuropsychiatric disorders. <i>Annals of Anatomy</i> , 2015, 200, 115-117.	1.9	44
17	PRG-1 Regulates Synaptic Plasticity via Intracellular PP2A/Î²1-Integrin Signaling. <i>Developmental Cell</i> , 2016, 38, 275-290.	7.0	37
18	Heterogeneous Nuclear Ribonucleoprotein K Interacts with Abi-1 at Postsynaptic Sites and Modulates Dendritic Spine Morphology. <i>PLoS ONE</i> , 2011, 6, e27045.	2.5	31

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19	Genetic Animal Models for Autism Spectrum Disorder. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 30, 311-324.	1.7	30
20	Hyperactivity and Hypermotivation Associated With Increased Striatal mGluR1 Signaling in a Shank2 Rat Model of Autism. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 107.	2.9	30
21	Abnormalities of synaptic mitochondria in autism spectrum disorder and related neurodevelopmental disorders. <i>Journal of Molecular Medicine</i> , 2021, 99, 161-178.	3.9	27
22	Selective Localization of Shanks to VGLUT1-Positive Excitatory Synapses in the Mouse Hippocampus. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 106.	3.7	23
23	The Nedd4-binding protein 3 (N4BP3) is crucial for axonal and dendritic branching in developing neurons. <i>Neural Development</i> , 2013, 8, 18.	2.4	21
24	Behavioural Phenotypes and Neural Circuit Dysfunctions in Mouse Models of Autism Spectrum Disorder. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2017, 224, 85-101.	1.6	21
25	Neurotrophic Factors in Mouse Models of Autism Spectrum Disorder: Focus on BDNF and IGF-1. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2017, 224, 121-134.	1.6	21
26	An Epha4/Sipa1l3/Wnt pathway regulates eye development and lens maturation. <i>Development (Cambridge)</i> , 2017, 144, 321-333.	2.5	20
27	Crisscrossing autism spectrum disorder and adult neurogenesis. <i>Journal of Neurochemistry</i> , 2021, 159, 452-478.	3.9	18
28	The Nedd4 binding protein 3 is required for anterior neural development in <i>Xenopus laevis</i> . <i>Developmental Biology</i> , 2017, 423, 66-76.	2.0	17
29	Sipa1l3/SPAR3 is targeted to postsynaptic specializations and interacts with the Fezzin ProSAPiP1/Lzts3. <i>Journal of Neurochemistry</i> , 2016, 136, 28-35.	3.9	15
30	Neuroanatomy and Neuropathology of Autism Spectrum Disorder in Humans. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2017, 224, 27-48.	1.6	15
31	Mutations in PRDM15 Are a Novel Cause of Galloway-Mowat Syndrome. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 580-596.	6.1	15
32	The K63 deubiquitinase CYLD modulates autism-like behaviors and hippocampal plasticity by regulating autophagy and mTOR signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	15
33	TMBIM5 loss of function alters mitochondrial matrix ion homeostasis and causes a skeletal myopathy. <i>Life Science Alliance</i> , 2022, 5, e202201478.	2.8	14
34	The spatio-temporal expression of ProSAP/shank family members and their interaction partner LAPSER1 during <i>Xenopus laevis</i> development. <i>Developmental Dynamics</i> , 2011, 240, 1528-1536.	1.8	13
35	Cerebellar and Striatal Pathologies in Mouse Models of Autism Spectrum Disorder. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2017, 224, 103-119.	1.6	10
36	Early life adversity targets the transcriptional signature of hippocampal NG2+ glia and affects voltage gated sodium (Nav) channels properties. <i>Neurobiology of Stress</i> , 2021, 15, 100338.	4.0	7

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37	Genetic influences of autism candidate genes on circuit wiring and olfactory decoding. <i>Cell and Tissue Research</i> , 2021, 383, 581-595.	2.9	4
38	Galloway-Mowat syndrome: New insights from bioinformatics and expression during <i>Xenopus</i> embryogenesis. <i>Gene Expression Patterns</i> , 2021, 42, 119215.	0.8	4
39	Carl Toldt Centennial, Surgeon and Anatomist. <i>American Surgeon</i> , 2021, 87, 000313482199197.	0.8	3
40	Genetic and Pharmacological Reversibility of Phenotypes in Mouse Models of Autism Spectrum Disorder. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2017, 224, 189-211.	1.6	2
41	Spikar speaks to spines and nuclei. <i>Journal of Neurochemistry</i> , 2014, 128, 473-475.	3.9	0