

Ji-Song Guan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/104875/publications.pdf>

Version: 2024-02-01

41
papers

5,208
citations

279798

23
h-index

345221

36
g-index

44
all docs

44
docs citations

44
times ranked

7385
citing authors

#	ARTICLE	IF	CITATIONS
1	HDAC2 negatively regulates memory formation and synaptic plasticity. <i>Nature</i> , 2009, 459, 55-60.	27.8	1,414
2	A novel pathway regulates memory and plasticity via SIRT1 and miR-134. <i>Nature</i> , 2010, 466, 1105-1109.	27.8	864
3	An epigenetic blockade of cognitive functions in the neurodegenerating brain. <i>Nature</i> , 2012, 483, 222-226.	27.8	733
4	Deregulation of HDAC1 by p25/Cdk5 in Neurotoxicity. <i>Neuron</i> , 2008, 60, 803-817.	8.1	262
5	Facilitation of μ -Opioid Receptor Activity by Preventing μ -Opioid Receptor-Mediated Codegradation. <i>Neuron</i> , 2011, 69, 120-131.	8.1	208
6	Activation of Delta Opioid Receptors Induces Receptor Insertion and Neuropeptide Secretion. <i>Neuron</i> , 2003, 37, 121-133.	8.1	158
7	Mitochondrial Alterations near Amyloid Plaques in an Alzheimer's Disease Mouse Model. <i>Journal of Neuroscience</i> , 2013, 33, 17042-17051.	3.6	156
8	Stretchable Transparent Electrode Arrays for Simultaneous Electrical and Optical Interrogation of Neural Circuits in Vivo. <i>Nano Letters</i> , 2018, 18, 2903-2911.	9.1	146
9	Interaction with Vesicle Luminal Protachykinin Regulates Surface Expression of μ -Opioid Receptors and Opioid Analgesia. <i>Cell</i> , 2005, 122, 619-631.	28.9	139
10	3-Hydroxybutyrate methyl ester as a potential drug against Alzheimer's disease via mitochondria protection mechanism. <i>Biomaterials</i> , 2013, 34, 7552-7562.	11.4	113
11	Kinetically selective inhibitors of histone deacetylase 2 (HDAC2) as cognition enhancers. <i>Chemical Science</i> , 2015, 6, 804-815.	7.4	93
12	Implantable and Biodegradable Poly(L-lactic acid) Fibers for Optical Neural Interfaces. <i>Advanced Optical Materials</i> , 2018, 6, 1700941.	7.3	92
13	Activity-induced histone modifications govern Neurexin-1 mRNA splicing and memory preservation. <i>Nature Neuroscience</i> , 2017, 20, 690-699.	14.8	91
14	Role of delivery and trafficking of μ -opioid peptide receptors in opioid analgesia and tolerance. <i>Trends in Pharmacological Sciences</i> , 2006, 27, 324-329.	8.7	88
15	Crebinostat: A novel cognitive enhancer that inhibits histone deacetylase activity and modulates chromatin-mediated neuroplasticity. <i>Neuropharmacology</i> , 2013, 64, 81-96.	4.1	87
16	Activity-Dependent p25 Generation Regulates Synaptic Plasticity and $\text{A}\beta$ -Induced Cognitive Impairment. <i>Cell</i> , 2014, 157, 486-498.	28.9	74
17	In vivo imaging of immediate early gene expression reveals layer-specific memory traces in the mammalian brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2788-2793.	7.1	64
18	Cdk5 Is Required for Memory Function and Hippocampal Plasticity via the cAMP Signaling Pathway. <i>PLoS ONE</i> , 2011, 6, e25735.	2.5	62

#	ARTICLE	IF	CITATIONS
19	The role of epigenetic regulation in learning and memory. <i>Experimental Neurology</i> , 2015, 268, 30-36.	4.1	61
20	In vivo stress granule misprocessing evidenced in a FUS knock-in ALS mouse model. <i>Brain</i> , 2020, 143, 1350-1367.	7.6	42
21	Mutations in ASH1L confer susceptibility to Tourette syndrome. <i>Molecular Psychiatry</i> , 2020, 25, 476-490.	7.9	41
22	Histone methyltransferase Ash1L mediates activity-dependent repression of neurexin-1 β . <i>Scientific Reports</i> , 2016, 6, 26597.	3.3	39
23	Distinct Subcellular Distribution of β -Opioid Receptor Fused with Various Tags in PC12 Cells. <i>Neurochemical Research</i> , 2008, 33, 2028-2034.	3.3	38
24	Switching From Fear to No Fear by Different Neural Ensembles in Mouse Retrosplenial Cortex. <i>Cerebral Cortex</i> , 2019, 29, 5085-5097.	2.9	23
25	Rett syndrome linked to defects in forming the MeCP2/Rbfox/LASR complex in mouse models. <i>Nature Communications</i> , 2021, 12, 5767.	12.8	16
26	Neuron Segmentation Based on CNN with Semi-Supervised Regularization. , 2016, , .		14
27	Do Brain Oscillations Orchestrate Memory?. <i>Brain Science Advances</i> , 2018, 4, 16-33.	0.9	14
28	ASH1L haploinsufficiency results in autistic-like phenotypes in mice and links Eph receptor gene to autism spectrum disorder. <i>Neuron</i> , 2022, 110, 1156-1172.e9.	8.1	14
29	Mammillary body regulates state-dependent fear by alternating cortical oscillations. <i>Scientific Reports</i> , 2018, 8, 13471.	3.3	13
30	How Does the Sparse Memory "Engram" Neurons Encode the Memory of a Spatial "Temporal Event?". <i>Frontiers in Neural Circuits</i> , 2016, 10, 61.	2.8	12
31	Acquiring new memories in neocortex of hippocampal-lesioned mice. <i>Nature Communications</i> , 2022, 13, 1601.	12.8	12
32	Discrimination of the hierarchical structure of cortical layers in 2-photon microscopy data by combined unsupervised and supervised machine learning. <i>Scientific Reports</i> , 2019, 9, 7424.	3.3	9
33	Egr1-EGFP transgenic mouse allows in vivo recording of Egr1 expression and neural activity. <i>Journal of Neuroscience Methods</i> , 2021, 363, 109350.	2.5	5
34	Suv39h1 regulates memory stability by inhibiting the expression of <i>Shank1</i> in hippocampal newborn neurons. <i>European Journal of Neuroscience</i> , 2022, 55, 1424-1441.	2.6	5
35	Multimodal Memory Components and Their Long-Term Dynamics Identified in Cortical Layers II/III but Not Layer V. <i>Frontiers in Integrative Neuroscience</i> , 2019, 13, 54.	2.1	3
36	Detecting Abnormal Neuronal Activity in a Chronic Migraine Model by Egr1-EGFP Transgenic Mice. <i>Frontiers in Neuroscience</i> , 2021, 15, 705938.	2.8	2

#	ARTICLE	IF	CITATIONS
37	Spontaneous hyperactivity in Ash1l mutant mice, a new model for Tourette syndrome. <i>Molecular Psychiatry</i> , 2020, 25, 241-242.	7.9	1
38	Epigenetic regulators sculpt the plastic brain. <i>Frontiers in Biology</i> , 2017, 12, 317-332.	0.7	0
39	A One-Step Screening System for Multi-Zinc Finger Proteins Targeting a Long-DNA Sequence. <i>Scientia Sinica Vitae</i> , 2014, 44, 1061-1072.	0.3	0
40	Single Image-Based Vignetting Correction for Improving the Consistency of Neural Activity Analysis in 2-Photon Functional Microscopy. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 674439.	2.5	0
41	Development of Memory Circuits under Epigenetic Regulation. , 2022, , 438-453.		0