Zhe-yu Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5790243/publications.pdf

Version: 2024-02-01

51 papers	4,894 citations	185998 28 h-index	197535 49 g-index
51 all docs	51 docs citations	51 times ranked	7035 citing authors

#	Article	IF	Citations
1	Genetic Variant BDNF (Val66Met) Polymorphism Alters Anxiety-Related Behavior. Science, 2006, 314, 140-143.	6.0	1,201
2	Variant Brain-Derived Neurotrophic Factor (BDNF) (Met66) Alters the Intracellular Trafficking and Activity-Dependent Secretion of Wild-Type BDNF in Neurosecretory Cells and Cortical Neurons. Journal of Neuroscience, 2004, 24, 4401-4411.	1.7	807
3	Sortilin Controls Intracellular Sorting of Brain-Derived Neurotrophic Factor to the Regulated Secretory Pathway. Journal of Neuroscience, 2005, 25, 6156-6166.	1.7	351
4	The role of BDNF in depression on the basis of its location in the neural circuitry. Acta Pharmacologica Sinica, 2011, 32, 3-11.	2.8	257
5	Variant Brain-Derived Neurotrophic Factor Val66Met Polymorphism Alters Vulnerability to Stress and Response to Antidepressants. Journal of Neuroscience, 2012, 32, 4092-4101.	1.7	253
6	Cell Survival through Trk Neurotrophin Receptors Is Differentially Regulated by Ubiquitination. Neuron, 2006, 50, 549-559.	3.8	176
7	Variant Brain-Derived Neurotrophic Factor (Val66Met) Alters Adult Olfactory Bulb Neurogenesis and Spontaneous Olfactory Discrimination. Journal of Neuroscience, 2008, 28, 2383-2393.	1.7	145
8	Variant BDNF Val66Met Polymorphism Affects Extinction of Conditioned Aversive Memory. Journal of Neuroscience, 2009, 29, 4056-4064.	1.7	135
9	Impact of Genetic Variant BDNF (Val66Met) on Brain Structure and Function. Novartis Foundation Symposium, 2008, 289, 180-192.	1.2	104
10	A Novel Endocytic Recycling Signal Distinguishes Biological Responses of Trk Neurotrophin Receptors. Molecular Biology of the Cell, 2005, 16, 5761-5772.	0.9	97
11	Blockage of GSK3Î²-mediated Drp1 phosphorylation provides neuroprotection in neuronal and mouse models of Alzheimer's disease. Neurobiology of Aging, 2015, 36, 211-227.	1.5	93
12	microRNAs in Spinal Cord Injury: Potential Roles and Therapeutic Implications. International Journal of Biological Sciences, 2014, 10, 997-1006.	2.6	92
13	Brain-derived Neurotrophic Factor (BDNF)-induced Mitochondrial Motility Arrest and Presynaptic Docking Contribute to BDNF-enhanced Synaptic Transmission. Journal of Biological Chemistry, 2014, 289, 1213-1226.	1.6	83
14	JIP3 Mediates TrkB Axonal Anterograde Transport and Enhances BDNF Signaling by Directly Bridging TrkB with Kinesin-1. Journal of Neuroscience, 2011, 31, 10602-10614.	1.7	82
15	Slitrk5 Mediates BDNF-Dependent TrkB Receptor Trafficking and Signaling. Developmental Cell, 2015, 33, 690-702.	3.1	81
16	BDNF-Dependent Recycling Facilitates TrkB Translocation to Postsynaptic Density during LTP via a Rab11-Dependent Pathway. Journal of Neuroscience, 2013, 33, 9214-9230.	1.7	64
17	Region-Specific Involvement of BDNF Secretion and Synthesis in Conditioned Taste Aversion Memory Formation. Journal of Neuroscience, 2011, 31, 2079-2090.	1.7	60
18	c-Jun NH2-terminal Kinase (JNK)-interacting Protein-3 (JIP3) Regulates Neuronal Axon Elongation in a Kinesin- and JNK-dependent Manner. Journal of Biological Chemistry, 2013, 288, 14531-14543.	1.6	53

#	Article	IF	Citations
19	A dietary polyphenol resveratrol acts to provide neuroprotection in recurrent stroke models by regulating <scp>AMPK</scp> and <scp>SIRT</scp>1 signaling, thereby reducing energy requirements during ischemia. European Journal of Neuroscience, 2013, 37, 1669-1681.	1.2	52
20	Retinoic acid ameliorates bloodâ€“brain barrier disruption following ischemic stroke in rats. Pharmacological Research, 2015, 99, 125-136.	3.1	49
21	Essential Role of Hrs in Endocytic Recycling of Full-length TrkB Receptor but Not Its Isoform TrkB.T1. Journal of Biological Chemistry, 2009, 284, 15126-15136.	1.6	47
22	Anxiolytic effect of music exposure on BDNFMet/Met transgenic mice. Brain Research, 2010, 1347, 71-79.	1.1	46
23	Hippocampal Wnt3a is Necessary and Sufficient for Contextual Fear Memory Acquisition and Consolidation. Cerebral Cortex, 2015, 25, 4062-4075.	1.6	40
24	Involvement of BDNF Signaling Transmission from Basolateral Amygdala to Infralimbic Prefrontal Cortex in Conditioned Taste Aversion Extinction. Journal of Neuroscience, 2014, 34, 7302-7313.	1.7	39
25	BDNF Val66Met polymorphism and anxiety/depression symptoms in schizophrenia in a Chinese Han population. Psychiatric Genetics, 2013, 23, 124-129.	0.6	37
26	Cationic Liposome-Mediated GDNF Gene Transfer after Spinal Cord Injury. Journal of Neurotrauma, 2002, 19, 1081-1090.	1.7	36
27	Intracellular trafficking and secretion of cerebral dopamine neurotrophic factor in neurosecretory cells. Journal of Neurochemistry, 2011, 117, 121-132.	2.1	33
28	Mechanism underlying activity-dependent insertion of TrkB into the neuronal surface. Journal of Cell Science, 2009, 122, 3123-3136.	1.2	32
29	Gypenosides preâ€treatment protects the brain against cerebral ischemia and increases neural stem cells/progenitors in the subventricular zone. International Journal of Developmental Neuroscience, 2014, 33, 49-56.	0.7	26
30	HDAC7 Ubiquitination by the E3 Ligase CBX4 Is Involved in Contextual Fear Conditioning Memory Formation. Journal of Neuroscience, 2017, 37, 3848-3863.	1.7	26
31	Tyrosine Kinase Receptor B Protects Against Coronary Artery Disease and Promotes Adult Vasculature Integrity by Regulating Ets1-Mediated VE-Cadherin Expression. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 580-588.	1.1	25
32	Transcriptome profiling analysis of the mechanisms underlying the BDNF Val66Met polymorphism induced dysfunctions of the central nervous system. Hippocampus, 2014, 24, 65-78.	0.9	24
33	Myosin5a mediates BDNF-induced postendocytic recycling of full-length TrkB and its translocation into dendritic spines. Journal of Cell Science, 2015, 128, 1108-22.	1.2	23
34	Blocking GSK3Î²-mediated dynamin1 phosphorylation enhances BDNF-dependent TrkB endocytosis and the protective effects of BDNF in neuronal and mouse models of Alzheimer's disease. Neurobiology of Disease, 2015, 74, 377-391.	2.1	22
35	Ubiquitin C-Terminal Hydrolase L1 (UCH-L1) Promotes Hippocampus-Dependent Memory via Its Deubiquitinating Effect on TrkB. Journal of Neuroscience, 2017, 37, 5978-5995.	1.7	22
36	miR-181a Participates in Contextual Fear Memory Formation Via Activating mTOR Signaling Pathway. Cerebral Cortex, 2018, 28, 3309-3321.	1.6	19

#	Article	IF	Citations
37	GDNF isoform affects intracellular trafficking and secretion of GDNF in neuronal cells. Brain Research, 2008, 1226, 1-7.	1.1	18
38	Region-specific involvement of actin rearrangement-related synaptic structure alterations in conditioned taste aversion memory. Learning and Memory, 2010, 17, 420-427.	0.5	17
39	Syntaxin 8 Modulates the Post-synthetic Trafficking of the TrkA Receptor and Inflammatory Pain Transmission*. Journal of Biological Chemistry, 2014, 289, 19556-19569.	1.6	17
40	Differential Involvement of Brain-Derived Neurotrophic Factor in Reconsolidation and Consolidation of Conditioned Taste Aversion Memory. PLoS ONE, 2012, 7, e49942.	1.1	16
41	The neuroprotective and neurorestorative effects of growth differentiation factor 11 in cerebral ischemic injury. Brain Research, 2020, 1737, 146802.	1.1	14
42	Sorting Protein-related Receptor SorLA Controls Regulated Secretion of Glial Cell Line-derived Neurotrophic Factor. Journal of Biological Chemistry, 2011, 286, 41871-41882.	1.6	12
43	Upâ€regulation of câ€Jun <scp>NH</scp>2â€terminal kinaseâ€interacting protein 3 (<scp>JIP</scp>3) contributes to <scp>BDNF</scp>â€enhanced neurotransmitter release. Journal of Neurochemistry, 2015, 135, 453-465.	2.1	12
44	Integrin-linked Kinase is Essential for Environmental Enrichment Enhanced Hippocampal Neurogenesis and Memory. Scientific Reports, 2015, 5, 11456.	1.6	12
45	Elevating Integrin-linked Kinase expression has rescued hippocampal neurogenesis and memory deficits in an AD animal model. Brain Research, 2018, 1695, 65-77.	1.1	12
46	Endothelial tyrosine kinase receptor B prevents VE-cadherin cleavage and protects against atherosclerotic lesion development in ApoEâ^'/â^' mice. Oncotarget, 2015, 6, 30640-30649.	0.8	11
47	Myosin II regulates actin rearrangement-related structural synaptic plasticity during conditioned taste aversion memory extinction. Brain Structure and Function, 2015, 220, 813-825.	1.2	11
48	Uhrf2 deletion impairs the formation of hippocampus-dependent memory by changing the structure of the dentate gyrus. Brain Structure and Function, 2018, 223, 609-618.	1.2	6
49	Carboxypeptidase E Regulates Activity-Dependent TrkB Neuronal Surface Insertion and Hippocampal Memory. Journal of Neuroscience, 2021, 41, 6987-7002.	1.7	3
50	Evidence for an Interaction Between NEDD4 and Childhood Trauma on Clinical Characters of Schizophrenia With Family History of Psychosis. Frontiers in Psychiatry, 2021, 12, 608231.	1.3	1
51	BDNF V66M Polymorphism and Brain Functions. , 2014, , 1621-1631.		0