

Xin-Fu Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

269
papers

10,021
citations

38742

50
h-index

58581

82
g-index

281
all docs

281
docs citations

281
times ranked

10336
citing authors

#	ARTICLE	IF	CITATIONS
1	Up-regulation of proBDNF/p75 ^{NTR} signaling in antibody-secreting cells drives systemic lupus erythematosus. <i>Science Advances</i> , 2022, 8, eabj2797.	10.3	16
2	The role of brain-derived neurotrophic factor and the neurotrophin receptor p75NTR in age-related brain atrophy and the transition to Alzheimer's disease. <i>Reviews in the Neurosciences</i> , 2022, 33, 515-529.	2.9	7
3	Effects of corticosterone on BDNF expression and mood behaviours in mice. <i>Physiology and Behavior</i> , 2022, 247, 113721.	2.1	15
4	Conversion of Human Fibroblasts into Induced Neural Stem Cells by Small Molecules. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1740.	4.1	2
5	proBDNF/p75NTR promotes rheumatoid arthritis and inflammatory response by activating proinflammatory cytokines. <i>FASEB Journal</i> , 2022, 36, e22180.	0.5	5
6	Novel oral edaravone attenuates diastolic dysfunction of diabetic cardiomyopathy by activating the Nrf2 signaling pathway. <i>European Journal of Pharmacology</i> , 2022, 920, 174846.	3.5	7
7	Neuroprotection of Oral Edaravone on Middle Cerebral Artery Occlusion in Rats. <i>Neurotoxicity Research</i> , 2022, 40, 995-1006.	2.7	4
8	Long term high fat diet induces metabolic disorders and aggravates behavioral disorders and cognitive deficits in MAPT P301L transgenic mice. <i>Metabolic Brain Disease</i> , 2022, 37, 1941-1957.	2.9	8
9	Blockage of p75NTR ameliorates depressive-like behaviours of mice under chronic unpredictable mild stress. <i>Behavioural Brain Research</i> , 2021, 396, 112905.	2.2	7
10	Brain-derived neurotrophic factor precursor in the immune system is a novel target for treating multiple sclerosis. <i>Theranostics</i> , 2021, 11, 715-730.	10.0	24
11	Analysis of blood mature BDNF and proBDNF in mood disorders with specific ELISA assays. <i>Journal of Psychiatric Research</i> , 2021, 133, 166-173.	3.1	18
12	Pharmacokinetic Modelling of Human Recombinant Protein, p75ECD-Fc: A Novel Therapeutic Approach for Treatment of Alzheimer's Disease, in Serum and Tissue of Sprague Dawley Rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2021, 46, 235-248.	1.6	1
13	p75NTR: A Molecule with Multiple Functions in Amyloid- β Metabolism and Neurotoxicity. , 2021, , 1-17.		0
14	Brain-derived neurotrophic factor and its related enzymes and receptors play important roles after hypoxic-ischemic brain damage. <i>Neural Regeneration Research</i> , 2021, 16, 1453.	3.0	20
15	Characterization of Urine Stem Cell-Derived Extracellular Vesicles Reveals B Cell Stimulating Cargo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 459.	4.1	14
16	Effect of Sutellarin on Neurogenesis in Neonatal Hypoxia-Ischemia Rat Model: Potential Mechanisms of Action. <i>The American Journal of Chinese Medicine</i> , 2021, 49, 677-703.	3.8	9
17	Gastrodin as a multi-target protective compound reverses learning memory deficits and AD-like pathology in APP/PS1 transgenic mice. <i>Journal of Functional Foods</i> , 2021, 77, 104324.	3.4	9
18	ESCAPE-NA1 Trial Brings Hope of Neuroprotective Drugs for Acute Ischemic Stroke: Highlights of the Phase 3 Clinical Trial on Nerinetide. <i>Neuroscience Bulletin</i> , 2021, 37, 579-581.	2.9	9

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19	A New Approach to Model Sporadic Alzheimer's Disease by Intracerebroventricular Streptozotocin Injection in APP/PS1 Mice. <i>Molecular Neurobiology</i> , 2021, 58, 3692-3711.	4.0	10
20	The efficacy of systemic administration of lipopolysaccharide in modelling pre-motor Parkinson's disease in C57BL/6 mice. <i>NeuroToxicology</i> , 2021, 85, 254-264.	3.0	8
21	Further Characterization of Intrastratial Lipopolysaccharide Model of Parkinson's Disease in C57BL/6 Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7380.	4.1	7
22	Effect of High Cholesterol Regulation of LRP1 and RAGE on A β 2 Transport Across the Blood-Brain Barrier in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2021, 18, 428-442.	1.4	19
23	Long-term oral administration of hyperoside ameliorates AD-related neuropathology and improves cognitive impairment in APP/PS1 transgenic mice. <i>Neurochemistry International</i> , 2021, 151, 105196.	3.8	16
24	Urine stem cells are equipped to provide B cell survival signals. <i>Stem Cells</i> , 2021, 39, 803-818.	3.2	7
25	Preclinical validation of a novel oral Edaravone formulation for treatment of frontotemporal dementia. <i>Neurotoxicity Research</i> , 2021, 39, 1689-1707.	2.7	2
26	Negative regulation by proBDNF signaling of peripheral neurogenesis in the sensory ganglia of adult rats. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112273.	5.6	2
27	Cell Therapy for Neurological Disorders: The Perspective of Promising Cells. <i>Biology</i> , 2021, 10, 1142.	2.8	7
28	CT imaging character of different brain regions in different ages of Diannan small ear pigs. , 2021, 7, 90-94.		0
29	New progress of isoflurane, sevoflurane and propofol in hypoxic-ischemic brain injury and related molecular mechanisms based on p75 neurotrophic factor receptor. , 2021, 7, 132-140.		1
30	Antidepressant Drugs Correct the Imbalance Between proBDNF/p75NTR/Sortilin and Mature BDNF/TrkB in the Brain of Mice with Chronic Stress. <i>Neurotoxicity Research</i> , 2020, 37, 171-182.	2.7	28
31	The regulatory role of ProBDNF in monocyte function: Implications in Stanford type A aortic dissection disease. <i>FASEB Journal</i> , 2020, 34, 2541-2553.	0.5	20
32	Peripheral ProBDNF Delivered by an AAV Vector to the Muscle Triggers Depression-Like Behaviours in Mice. <i>Neurotoxicity Research</i> , 2020, 38, 626-639.	2.7	6
33	MicroRNA339 Targeting PDXK Improves Motor Dysfunction and Promotes Neurite Growth in the Remote Cortex Subjected to Spinal Cord Transection. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 577.	3.7	6
34	Neuroprotective Effects of Anti-proBDNF in a Rat Photothrombotic Ischemic Model. <i>Neuroscience</i> , 2020, 446, 261-270.	2.3	0
35	Vi4-miR-185-5p-Igfbp3 Network Protects the Brain From Neonatal Hypoxic Ischemic Injury via Promoting Neuron Survival and Suppressing the Cell Apoptosis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 529544.	3.7	23
36	Pro-BDNF Knockout Causes Abnormal Motor Behaviours and Early Death in Mice. <i>Neuroscience</i> , 2020, 438, 145-157.	2.3	7

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37	Downregulation of Adhesion Molecule CHL1 in B Cells but Not T Cells of Patients with Major Depression and in the Brain of Mice with Chronic Stress. <i>Neurotoxicity Research</i> , 2020, 38, 914-928.	2.7	16
38	Conversion of human urine-derived cells into neuron-like cells by small molecules. <i>Molecular Biology Reports</i> , 2020, 47, 2713-2722.	2.3	11
39	Lipopolysaccharide animal models of Parkinson's disease: Recent progress and relevance to clinical disease. <i>Brain, Behavior, & Immunity - Health</i> , 2020, 4, 100060.	2.5	48
40	Involvement of proBDNF in Monocytes/Macrophages with Gastrointestinal Disorders in Depressive Mice. <i>Neurotoxicity Research</i> , 2020, 38, 887-899.	2.7	4
41	Coating Materials for Neural Stem/Progenitor Cell Culture and Differentiation. <i>Stem Cells and Development</i> , 2020, 29, 463-474.	2.1	20
42	Accelerated brain aging towards transcriptional inversion in a zebrafish model of the K115fs mutation of human PSEN2. <i>PLoS ONE</i> , 2020, 15, e0227258.	2.5	38
43	Preclinical Study of the Pharmacokinetics of p75ECD-Fc, a Novel Human Recombinant Protein for Treatment of Alzheimer's Disease, in Sprague Dawley Rats. <i>Current Drug Metabolism</i> , 2020, 21, 235-244.	1.2	7
44	Cellular Trafficking of Amyloid Precursor Protein in Amyloidogenesis Physiological and Pathological Significance. <i>Molecular Neurobiology</i> , 2019, 56, 812-830.	4.0	19
45	Regular Music Exposure in Juvenile Rats Facilitates Conditioned Fear Extinction and Reduces Anxiety after Foot Shock in Adulthood. <i>BioMed Research International</i> , 2019, 2019, 1-10.	1.9	5
46	Neurotrophin receptor p75 mediates amyloid β -induced tau pathology. <i>Neurobiology of Disease</i> , 2019, 132, 104567.	4.4	33
47	Upregulation of proBDNF in the Mesenteric Lymph Nodes in Septic Mice. <i>Neurotoxicity Research</i> , 2019, 36, 540-550.	2.7	14
48	Regulation of BACE1 expression after injury is linked to the p75 neurotrophin receptor. <i>Molecular and Cellular Neurosciences</i> , 2019, 99, 103395.	2.2	6
49	An overview on small molecule-induced differentiation of mesenchymal stem cells into beta cells for diabetic therapy. <i>Stem Cell Research and Therapy</i> , 2019, 10, 293.	5.5	28
50	The effects of rotenone on TH, BDNF and BDNF-related proteins in the brain and periphery: Relevance to early Parkinson's disease. <i>Journal of Chemical Neuroanatomy</i> , 2019, 97, 23-32.	2.1	8
51	Panax notoginsenoside Rb1 Restores the Neurotrophic Imbalance Following Photothrombotic Stroke in Rats. <i>Neurotoxicity Research</i> , 2019, 36, 441-451.	2.7	3
52	The Long-Term Effects of Ethanol and Corticosterone on the Mood-Related Behaviours and the Balance Between Mature BDNF and proBDNF in Mice. <i>Journal of Molecular Neuroscience</i> , 2019, 69, 60-68.	2.3	13
53	The Level of proBDNF in Blood Lymphocytes Is Correlated with that in the Brain of Rats with Photothrombotic Ischemic Stroke. <i>Neurotoxicity Research</i> , 2019, 36, 49-57.	2.7	8
54	Neurotrophin Receptor p75 mRNA Level in Peripheral Blood Cells of Patients with Alzheimer's Disease. <i>Neurotoxicity Research</i> , 2019, 36, 101-107.	2.7	3

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55	miRNA-7a-2-3p Inhibits Neuronal Apoptosis in Oxygen-Glucose Deprivation (OGD) Model. <i>Frontiers in Neuroscience</i> , 2019, 13, 16.	2.8	26
56	Knockout of p75 neurotrophin receptor attenuates the hyperphosphorylation of Tau in pR5 mouse model. <i>Aging</i> , 2019, 11, 6762-6791.	3.1	17
57	Panax notoginsenoside saponins Rb1 regulates the expressions of Akt/ mTOR/PTEN signals in the hippocampus after focal cerebral ischemia in rats. <i>Behavioural Brain Research</i> , 2018, 345, 83-92.	2.2	30
58	The Influence of Abdominal and Ectopic Fat Accumulation on Carotid Intima-Media Thickness: A Chongqing Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 1992-1997.	1.6	8
59	Clinical Cell Therapy Guidelines for Neurorestoration (IANR/CANR 2017). <i>Cell Transplantation</i> , 2018, 27, 310-324.	2.5	40
60	Small Molecules for Neural Stem Cell Induction. <i>Stem Cells and Development</i> , 2018, 27, 297-312.	2.1	21
61	Nafamostat mesilate attenuates inflammation and apoptosis and promotes locomotor recovery after spinal cord injury. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 429-438.	3.9	28
62	Investigation of Mature BDNF and proBDNF Signaling in a Rat Photothrombotic Ischemic Model. <i>Neurochemical Research</i> , 2018, 43, 637-649.	3.3	27
63	Cysteine-Rich Repeat Domains 2 and 4 are Amyloid- β Binding Domains of Neurotrophin Receptor p75NTR and Potential Targets to Block Amyloid- β Neurotoxicity. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 139-147.	2.6	9
64	Neural Stem Cell Transplantation Promotes Functional Recovery from Traumatic Brain Injury via Brain Derived Neurotrophic Factor-Mediated Neuroplasticity. <i>Molecular Neurobiology</i> , 2018, 55, 2696-2711.	4.0	55
65	HAP1 Is Required for Endocytosis and Signalling of BDNF and Its Receptors in Neurons. <i>Molecular Neurobiology</i> , 2018, 55, 1815-1830.	4.0	18
66	Roles of neurotrophins in skeletal tissue formation and healing. <i>Journal of Cellular Physiology</i> , 2018, 233, 2133-2145.	4.1	40
67	Sortilin inhibits amyloid pathology by regulating non-specific degradation of APP. <i>Experimental Neurology</i> , 2018, 299, 75-85.	4.1	13
68	p75 neurotrophin receptor interacts with and promotes BACE1 localization in endosomes aggravating amyloidogenesis. <i>Journal of Neurochemistry</i> , 2018, 144, 302-317.	3.9	27
69	A direct and non-invasive method for kidney delivery of therapeutics in mice. <i>MethodsX</i> , 2018, 5, 1440-1446.	1.6	2
70	Facial vein injection of human cells in severe combined immunodeficiency (SCID) neonatal mice. <i>MethodsX</i> , 2018, 5, 1281-1286.	1.6	1
71	proBDNF inhibits the proliferation and migration of OLN β 93 oligodendrocytes. <i>Molecular Medicine Reports</i> , 2018, 18, 3809-3817.	2.4	10
72	Curcumin-loaded self-nanomicellizing solid dispersion system: part I: development, optimization, characterization, and oral bioavailability. <i>Drug Delivery and Translational Research</i> , 2018, 8, 1389-1405.	5.8	28

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73	Self-nanomicellizing solid dispersion of edaravone: part I – oral bioavailability improvement. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 2051-2069.	4.3	17
74	Self-nanomicellizing solid dispersion of edaravone: part II: in vivo assessment of efficacy against behavior deficits and safety in Alzheimer’s disease model. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 2111-2128.	4.3	17
75	Scutellarin Mitigates A β ² -Induced Neurotoxicity and Improves Behavior Impairments in AD Mice. <i>Molecules</i> , 2018, 23, 869.	3.8	23
76	Urine-derived cells for human cell therapy. <i>Stem Cell Research and Therapy</i> , 2018, 9, 189.	5.5	58
77	Curcumin-loaded self-nanomicellizing solid dispersion system: part II: in vivo safety and efficacy assessment against behavior deficit in Alzheimer disease. <i>Drug Delivery and Translational Research</i> , 2018, 8, 1406-1420.	5.8	32
78	Osteoblast derived-neurotrophin β 3 induces cartilage removal proteases and osteoclast-mediated function at injured growth plate in rats. <i>Bone</i> , 2018, 116, 232-247.	2.9	15
79	The ProNGF/p75NTR pathway induces tau pathology and is a therapeutic target for FTLD-tau. <i>Molecular Psychiatry</i> , 2018, 23, 1813-1824.	7.9	37
80	Brain-Derived Neurotrophic Factor Precursor in the Hippocampus Regulates Both Depressive and Anxiety-Like Behaviors in Rats. <i>Frontiers in Psychiatry</i> , 2018, 9, 776.	2.6	37
81	Treatment of hypoxic&ischemic encephalopathy in neonates: a systematic review and meta&analysis. , 2018, 4, 52-61.		1
82	Nafamostat Mesilate Improves Neurological Outcome and Axonal Regeneration after Stroke in Rats. <i>Molecular Neurobiology</i> , 2017, 54, 4217-4231.	4.0	23
83	Effects of Panax notoginseng ginsenoside Rb1 on abnormal hippocampal microenvironment in rats. <i>Journal of Ethnopharmacology</i> , 2017, 202, 138-146.	4.1	22
84	Huntingtin-associated protein-1 (HAP1) regulates endocytosis and interacts with multiple trafficking-related proteins. <i>Cellular Signalling</i> , 2017, 35, 176-187.	3.6	28
85	Peritoneal dialysis reduces amyloid-beta plasma levels in humans and attenuates Alzheimer-associated phenotypes in an APP/PS1 mouse model. <i>Acta Neuropathologica</i> , 2017, 134, 207-220.	7.7	90
86	ProBDNF inhibits proliferation, migration and differentiation of mouse neural stem cells. <i>Brain Research</i> , 2017, 1668, 46-55.	2.2	40
87	Region-specific expression of precursor and mature brain-derived neurotrophic factors after chronic alcohol exposure. <i>American Journal of Drug and Alcohol Abuse</i> , 2017, 43, 602-608.	2.1	9
88	Injection of Anti-proBDNF in Anterior Cingulate Cortex (ACC) Reverses Chronic Stress-Induced Adverse Mood Behaviors in Mice. <i>Neurotoxicity Research</i> , 2017, 31, 298-308.	2.7	27
89	BDNF Val66Met in preclinical Alzheimer's disease is associated with short-term changes in episodic memory and hippocampal volume but not serum mBDNF. <i>International Psychogeriatrics</i> , 2017, 29, 1825-1834.	1.0	21
90	Lipid-based nanosystem of edaravone: development, optimization, characterization and in vitro/in vivo evaluation. <i>Drug Delivery</i> , 2017, 24, 962-978.	5.7	23

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91	proBDNF Accelerates Brain Amyloid- β Deposition and Learning and Memory Impairment in APPswePS1dE9 Transgenic Mice. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 941-949.	2.6	19
92	ProBDNF/p75NTR/sortilin pathway is activated in peripheral blood of patients with alcohol dependence. <i>Translational Psychiatry</i> , 2017, 7, 2.	4.8	20
93	Sortilin Fragments Deposit at Senile Plaques in Human Cerebrum. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 45.	1.7	28
94	Neuroprotective Effect of <i>Fagopyrum dibotrys</i> Extract against Alzheimer's Disease. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-9.	1.2	6
95	miR128-1 inhibits the growth of glioblastoma multiforme and glioma stem-like cells via targeting BMI1 and E2F3. <i>Oncotarget</i> , 2016, 7, 78813-78826.	1.8	58
96	Challenges in Modelling Hypoglycaemia-Associated Autonomic Failure: A Review of Human and Animal Studies. <i>International Journal of Endocrinology</i> , 2016, 2016, 1-13.	1.5	14
97	Direct Reprogramming of Mouse Fibroblasts to Neural Stem Cells by Small Molecules. <i>Stem Cells International</i> , 2016, 2016, 1-11.	2.5	52
98	Huntingtin-associated protein-1 is a synapsin I-binding protein regulating synaptic vesicle exocytosis and synapsin I trafficking. <i>Journal of Neurochemistry</i> , 2016, 138, 710-721.	3.9	23
99	Intramuscular delivery of p75 ^{NTR} ectodomain by an AAV vector attenuates cognitive deficits and Alzheimer's disease-like pathologies in APP/PS1 transgenic mice. <i>Journal of Neurochemistry</i> , 2016, 138, 163-173.	3.9	29
100	Mice with Sort1 deficiency display normal cognition but elevated anxiety-like behavior. <i>Experimental Neurology</i> , 2016, 281, 99-108.	4.1	23
101	The blockage of the Nogo/NgR signal pathway in microglia alleviates the formation of A β plaques and tau phosphorylation in APP/PS1 transgenic mice. <i>Journal of Neuroinflammation</i> , 2016, 13, 56.	7.2	33
102	Brain-derived neurotrophic factor protects against tau-related neurodegeneration of Alzheimer's disease. <i>Translational Psychiatry</i> , 2016, 6, e907-e907.	4.8	194
103	ProBDNF inhibits collective migration and chemotaxis of rat Schwann cells. <i>Tissue and Cell</i> , 2016, 48, 503-510.	2.2	4
104	Peripheral Brain Derived Neurotrophic Factor Precursor Regulates Pain as an Inflammatory Mediator. <i>Scientific Reports</i> , 2016, 6, 27171.	3.3	48
105	Development of a novel oral delivery system of edaravone for enhancing bioavailability. <i>International Journal of Pharmaceutics</i> , 2016, 515, 490-500.	5.2	33
106	Neurotrophin-3 Induces BMP-2 and VEGF Activities and Promotes the Bony Repair of Injured Growth Plate Cartilage and Bone in Rats. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1258-1274.	2.8	54
107	ProBDNF Signaling Regulates Depression-Like Behaviors in Rodents under Chronic Stress. <i>Neuropsychopharmacology</i> , 2016, 41, 2882-2892.	5.4	97
108	Nafamostat mesilate improves function recovery after stroke by inhibiting neuroinflammation in rats. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 230-245.	4.1	43

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109	Roles of NMDA and dopamine in food-foraging decision-making strategies of rats in the social setting. <i>BMC Neuroscience</i> , 2016, 17, 3.	1.9	6
110	Mature brain-derived neurotrophic factor and its receptor TrkB are upregulated in human glioma tissues. <i>Oncology Letters</i> , 2015, 10, 223-227.	1.8	27
111	Development of mature BDNF-specific sandwich ELISA. <i>Journal of Neurochemistry</i> , 2015, 134, 75-85.	3.9	43
112	Investigation of tyrosine hydroxylase and BDNF in a low-dose rotenone model of Parkinson's disease. <i>Journal of Chemical Neuroanatomy</i> , 2015, 70, 33-41.	2.1	26
113	Associations Between ApoE μ 4 Carrier Status and Serum BDNF Levels—New Insights into the Molecular Mechanism of ApoE μ 4 Actions in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2015, 51, 1271-1277.	4.0	26
114	Edaravone alleviates Alzheimer's disease-type pathologies and cognitive deficits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5225-5230.	7.1	120
115	Role of endogenous PDGF-BB in cultured cardiomyocytes exposed to hypoxia. <i>Neuropeptides</i> , 2015, 50, 43-49.	2.2	7
116	Differential roles of hippocampal glutamatergic receptors in neuropathic anxiety-like behavior after partial sciatic nerve ligation in rats. <i>BMC Neuroscience</i> , 2015, 16, 14.	1.9	40
117	p75NTR ectodomain is a physiological neuroprotective molecule against amyloid-beta toxicity in the brain of Alzheimer's disease. <i>Molecular Psychiatry</i> , 2015, 20, 1301-1310.	7.9	92
118	Mice deficient for wild-type p53-induced phosphatase 1 display elevated anxiety- and depression-like behaviors. <i>Neuroscience</i> , 2015, 293, 12-22.	2.3	17
119	Differential levels of p75NTR ectodomain in CSF and blood in patients with Alzheimer's disease: a novel diagnostic marker. <i>Translational Psychiatry</i> , 2015, 5, e650-e650.	4.8	32
120	Endogenous TGF β 1 Plays a Crucial Role in Functional Recovery After Traumatic Brain Injury Associated with Smad3 Signal in Rats. <i>Neurochemical Research</i> , 2015, 40, 1671-1680.	3.3	15
121	Physiological amyloid-beta clearance in the periphery and its therapeutic potential for Alzheimer's disease. <i>Acta Neuropathologica</i> , 2015, 130, 487-499.	7.7	180
122	Methotrexate chemotherapy triggers touch-evoked pain and increased CGRP-positive sensory fibres in the tibial periosteum of young rats. <i>Bone</i> , 2015, 73, 24-31.	2.9	4
123	Enhanced Aggressive Behaviour in a Mouse Model of Depression. <i>Neurotoxicity Research</i> , 2015, 27, 129-142.	2.7	45
124	Clearance of Amyloid-Beta in Alzheimer's Disease: Shifting the Action Site from Center to Periphery. <i>Molecular Neurobiology</i> , 2015, 51, 1-7.	4.0	79
125	Development of Anxiety-Like Behavior via Hippocampal IGF-2 Signaling in the Offspring of Parental Morphine Exposure: Effect of Enriched Environment. <i>Neuropsychopharmacology</i> , 2014, 39, 2777-2787.	5.4	62
126	Effects of (–)-Epicatechin on the Pathology of APP/PS1 Transgenic Mice. <i>Frontiers in Neurology</i> , 2014, 5, 69.	2.4	32

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127	Foraging Activity is Reduced in a Mouse Model of Depression. <i>Neurotoxicity Research</i> , 2014, 25, 235-247.	2.7	18
128	SNAP25 Ameliorates Sensory Deficit in Rats with Spinal Cord Transection. <i>Molecular Neurobiology</i> , 2014, 50, 290-304.	4.0	26
129	Huntingtin-associated protein 1 regulates exocytosis, vesicle docking, readily releasable pool size and fusion pore stability in mouse chromaffin cells. <i>Journal of Physiology</i> , 2014, 592, 1505-1518.	2.9	27
130	Synthesis, Trafficking and Release of BDNF. , 2014, , 1955-1971.		4
131	Deletion of TRIM32 protects mice from anxiety and depression-like behaviors under mild stress. <i>European Journal of Neuroscience</i> , 2014, 40, 2680-2690.	2.6	30
132	Transplantation of olfactory ensheathing cells promotes the recovery of neurological functions in rats with traumatic brain injury associated with downregulation of Bad. <i>Cytotherapy</i> , 2014, 16, 1000-1010.	0.7	13
133	Huntingtin-associated protein 1 regulates postnatal neurogenesis and neurotrophin receptor sorting. <i>Journal of Clinical Investigation</i> , 2014, 124, 85-98.	8.2	28
134	Reversal of Bone Cancer Pain by HSV-1-Mediated Silencing of CNTF in an Afferent Area of the Spinal Cord Associated with AKT-ERK Signal Inhibition. <i>Current Gene Therapy</i> , 2014, 14, 377-388.	2.0	8
135	p75 ^{NTR} : A Molecule with Multiple Functions in Amyloid-Beta Metabolism and Neurotoxicity. , 2014, , 1925-1944.		0
136	Neurotrophins and Pain. , 2014, , 1805-1823.		0
137	Amyloid beta ¹⁻⁴² (A ^β ₄₂) up-regulates the expression of sortilin via the p75 ^{NTR} /RhoA signaling pathway. <i>Journal of Neurochemistry</i> , 2013, 127, 152-162.	3.9	38
138	The relationship between single nucleotide polymorphisms of the NTRK2 gene and sporadic Alzheimer's disease in the Chinese Han population. <i>Neuroscience Letters</i> , 2013, 550, 55-59.	2.1	20
139	ProBDNF and its receptors are upregulated in glioma and inhibit the growth of glioma cells in vitro. <i>Neuro-Oncology</i> , 2013, 15, 990-1007.	1.2	51
140	proNGF inhibits proliferation and oligodendrogenesis of postnatal hippocampal neural stem/progenitor cells through p75 ^{NTR} in vitro. <i>Stem Cell Research</i> , 2013, 11, 874-887.	0.7	21
141	A Monoclonal Antibody Against the Extracellular Domain of P75 Neurotrophin Receptor. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2013, 32, 55-59.	1.6	4
142	Upregulation of eIF-5A1 in the paralyzed muscle after spinal cord transection associates with spontaneous hindlimb locomotor recovery in rats by upregulation of the ErbB, MAPK and neurotrophin signal pathways. <i>Journal of Proteomics</i> , 2013, 91, 188-199.	2.4	25
143	Transplantation of NSCs with OECs alleviates neuropathic pain associated with NGF downregulation in rats following spinal cord injury. <i>Neuroscience Letters</i> , 2013, 549, 103-108.	2.1	29
144	Reciprocal Induction Between α -Synuclein and β -Amyloid in Adult Rat Neurons. <i>Neurotoxicity Research</i> , 2013, 23, 69-78.	2.7	21

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145	Upregulation of blood proBDNF and its receptors in major depression. <i>Journal of Affective Disorders</i> , 2013, 150, 776-784.	4.1	125
146	Mature BDNF promotes the growth of glioma cells in vitro. <i>Oncology Reports</i> , 2013, 30, 2719-2724.	2.6	35
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