

Xin-Fu Zhou

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

266
papers

7,976
citations

47
h-index

74
g-index

281
ext. papers

8,975
ext. citations

4.8
avg. IF

5.91
L-index

#	Paper	IF	Citations
266	Up-regulation of proBDNF/p75 signaling in antibody-secreting cells drives systemic lupus erythematosus.. <i>Science Advances</i> , 2022 , 8, eabj2797	14.3	0
265	Effects of corticosterone on BDNF expression and mood behaviours in mice.. <i>Physiology and Behavior</i> , 2022 , 247, 113721	3.5	1
264	proBDNF/p75NTR promotes rheumatoid arthritis and inflammatory response by activating proinflammatory cytokines.. <i>FASEB Journal</i> , 2022 , 36, e22180	0.9	0
263	Novel oral edaravone attenuates diastolic dysfunction of diabetic cardiomyopathy by activating the Nrf2 signaling pathway.. <i>European Journal of Pharmacology</i> , 2022 , 920, 174846	5.3	1
262	CT imaging character of different brain regions in different ages of Diannan small-ear pigs 2021 , 7, 90-94		
261	New progress of isoflurane, sevoflurane and propofol in hypoxic-ischemic brain injury and related molecular mechanisms based on p 75 neurotrophic factor receptor 2021 , 7, 132-140		
260	Cell Therapy for Neurological Disorders: The Perspective of Promising Cells. <i>Biology</i> , 2021 , 10,	4.9	1
259	Preclinical validation of a novel oral Edaravone formulation for treatment of frontotemporal dementia. <i>Neurotoxicity Research</i> , 2021 , 39, 1689-1707	4.3	1
258	Negative regulation by proBDNF signaling of peripheral neurogenesis in the sensory ganglia of adult rats. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 144, 112273	7.5	1
257	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	4.3	4
256	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	6.2	2
255	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	4.4	3
254	Blockage of p75 ameliorates depressive-like behaviours of mice under chronic unpredictable mild stress. <i>Behavioural Brain Research</i> , 2021 , 396, 112905	3.4	2
253	Brain-derived neurotrophic factor precursor in the immune system is a novel target for treating multiple sclerosis. <i>Theranostics</i> , 2021 , 11, 715-730	12.1	9
252	Analysis of blood mature BDNF and proBDNF in mood disorders with specific ELISA assays. <i>Journal of Psychiatric Research</i> , 2021 , 133, 166-173	5.2	4
251	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	2.7	1
250	p75NTR: A Molecule with Multiple Functions in Amyloid- β Metabolism and Neurotoxicity 2021 , 1-17		

249	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, 1453-1459	4.5	4
248	Characterization of Urine Stem Cell-Derived Extracellular Vesicles Reveals B Cell Stimulating Cargo. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
247	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	6	5
246	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	5.1	2
245	Further Characterization of Intrastratial Lipopolysaccharide Model of Parkinson's Disease in C57BL/6 Mice. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
244	Effect of High Cholesterol Regulation of LRP1 and RAGE on A β Transport Across the Blood-Brain Barrier in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2021 , 18, 428-442	3	3
243	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	4.4	4
242	Urine stem cells are equipped to provide B cell survival signals. <i>Stem Cells</i> , 2021 , 39, 803-818	5.8	5
241	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	5.7	9
240	Pro-BDNF Knockout Causes Abnormal Motor Behaviours and Early Death in Mice. <i>Neuroscience</i> , 2020 , 438, 145-157	3.9	3
239	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	4.3	6
238	Conversion of human urine-derived cells into neuron-like cells by small molecules. <i>Molecular Biology Reports</i> , 2020 , 47, 2713-2722	2.8	5
237	Lipopolysaccharide animal models of Parkinson's disease: Recent progress and relevance to clinical disease. <i>Brain, Behavior, & Immunity - Health</i> , 2020 , 4, 100060	5.1	17
236	Involvement of proBDNF in Monocytes/Macrophages with Gastrointestinal Disorders in Depressive Mice. <i>Neurotoxicity Research</i> , 2020 , 38, 887-899	4.3	2
235	Coating Materials for Neural Stem/Progenitor Cell Culture and Differentiation. <i>Stem Cells and Development</i> , 2020 , 29, 463-474	4.4	10
234	Accelerated brain aging towards transcriptional inversion in a zebrafish model of the K115fs mutation of human PSEN2. <i>PLoS ONE</i> , 2020 , 15, e0227258	3.7	13
233	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	3.5	4
232	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	4.3	16

231	The regulatory role of ProBDNF in monocyte function: Implications in Stanford type-A aortic dissection disease. <i>FASEB Journal</i> , 2020 , 34, 2541-2553	0.9	10
230	Peripheral ProBDNF Delivered by an AAV Vector to the Muscle Triggers Depression-Like Behaviours in Mice. <i>Neurotoxicity Research</i> , 2020 , 38, 626-639	4.3	3
229	MicroRNA339 Targeting PDKK 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	5.7	3
228	Neuroprotective Effects of Anti-proBDNF in a Rat Photothrombotic Ischemic Model. <i>Neuroscience</i> , 2020 , 446, 261-270	3.9	
227	Regulation of BACE1 expression after injury is linked to the p75 neurotrophin receptor. <i>Molecular and Cellular Neurosciences</i> , 2019 , 99, 103395	4.8	2
226	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	8.3	17
225	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	3.2	5
224	Panax notoginsenoside Rb1 Restores the Neurotrophic Imbalance Following Photothrombotic Stroke in Rats. <i>Neurotoxicity Research</i> , 2019 , 36, 441-451	4.3	2
223	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	3.3	9
222	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	4.3	3
221	Neurotrophin Receptor p75 mRNA Level in Peripheral Blood Cells of Patients with Alzheimer's Disease. <i>Neurotoxicity Research</i> , 2019 , 36, 101-107	4.3	1
220	miRNA-7a-2-3p Inhibits Neuronal Apoptosis in Oxygen-Glucose Deprivation (OGD) Model. <i>Frontiers in Neuroscience</i> , 2019 , 13, 16	5.1	16
219	Cellular Trafficking of Amyloid Precursor Protein in Amyloidogenesis Physiological and Pathological Significance. <i>Molecular Neurobiology</i> , 2019 , 56, 812-830	6.2	10
218	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, 8740674	3	4
217	Neurotrophin receptor p75 mediates amyloid β induced tau pathology. <i>Neurobiology of Disease</i> , 2019 , 132, 104567	7.5	21
216	Upregulation of proBDNF in the Mesenteric Lymph Nodes in Septic Mice. <i>Neurotoxicity Research</i> , 2019 , 36, 540-550	4.3	11
215	Knockout of p75 neurotrophin receptor attenuates the hyperphosphorylation of Tau in pR5 mouse model. <i>Aging</i> , 2019 , 11, 6762-6791	5.6	13
214	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	5	23

213	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	3.4	27
212	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	2.8	6
211	Clinical Cell Therapy Guidelines for Neurorestoration (IANR/CANR 2017). <i>Cell Transplantation</i> , 2018 , 27, 310-324	4	25
210	Small Molecules for Neural Stem Cell Induction. <i>Stem Cells and Development</i> , 2018 , 27, 297-312	4.4	9
209	Nafamostat mesilate attenuates inflammation and apoptosis and promotes locomotor recovery after spinal cord injury. <i>CNS Neuroscience and Therapeutics</i> , 2018 , 24, 429-438	6.8	19
208	Investigation of Mature BDNF and proBDNF Signaling in a Rat Photothrombotic Ischemic Model. <i>Neurochemical Research</i> , 2018 , 43, 637-649	4.6	19
207	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	4.3	7
206	Neural Stem Cell Transplantation Promotes Functional Recovery from Traumatic Brain Injury via Brain Derived Neurotrophic Factor-Mediated Neuroplasticity. <i>Molecular Neurobiology</i> , 2018 , 55, 2696-2717	6.7	27
205	HAP1 Is Required for Endocytosis and Signalling of BDNF and Its Receptors in Neurons. <i>Molecular Neurobiology</i> , 2018 , 55, 1815-1830	6.2	12
204	Roles of neurotrophins in skeletal tissue formation and healing. <i>Journal of Cellular Physiology</i> , 2018 , 233, 2133-2145	7	23
203	Sortilin inhibits amyloid pathology by regulating non-specific degradation of APP. <i>Experimental Neurology</i> , 2018 , 299, 75-85	5.7	8
202	p75 neurotrophin receptor interacts with and promotes BACE1 localization in endosomes aggravating amyloidogenesis. <i>Journal of Neurochemistry</i> , 2018 , 144, 302-317	6	24
201	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	6.2	21
200	Self-nanomicellizing solid dispersion of edaravone: part I - oral bioavailability improvement. <i>Drug Design, Development and Therapy</i> , 2018 , 12, 2051-2069	4.4	12
199	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 , 12, 2111-2128	4.4	10
198	Scutellarin Mitigates A β Induced Neurotoxicity and Improves Behavior Impairments in AD Mice. <i>Molecules</i> , 2018 , 23,	4.8	15
197	Urine-derived cells for human cell therapy. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 189	8.3	35
196	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	6.2	17

195	Osteoblast derived-neurotrophin-3 induces cartilage removal proteases and osteoclast-mediated function at injured growth plate in rats. <i>Bone</i> , 2018 , 116, 232-247	4.7	7
194	The ProNGF/p75NTR pathway induces tau pathology and is a therapeutic target for FTLT-tau. <i>Molecular Psychiatry</i> , 2018 , 23, 1813-1824	15.1	28
193	ProBDNF/p75NTR/sortilin pathway is activated in peripheral blood of patients with alcohol dependence. <i>Translational Psychiatry</i> , 2018 , 7, 2	8.6	13
192	Treatment of hypoxic-ischemic encephalopathy in neonates: a systematic review and meta-analysis 2018 , 4, 52-61		0
191	A direct and non-invasive method for kidney delivery of therapeutics in mice. <i>MethodsX</i> , 2018 , 5, 1440-1446		0
190	Facial vein injection of human cells in severe combined immunodeficiency (SCID) neonatal mice. <i>MethodsX</i> , 2018 , 5, 1281-1286	1.9	
189	proBDNF inhibits the proliferation and migration of OLN-93 oligodendrocytes. <i>Molecular Medicine Reports</i> , 2018 , 18, 3809-3817	2.9	4
188	Nafamostat Mesilate Improves Neurological Outcome and Axonal Regeneration after Stroke in Rats. <i>Molecular Neurobiology</i> , 2017 , 54, 4217-4231	6.2	17
187	Effects of Panax notoginseng ginsenoside Rb1 on abnormal hippocampal microenvironment in rats. <i>Journal of Ethnopharmacology</i> , 2017 , 202, 138-146	5	18
186	Huntingtin-associated protein-1 (HAP1) regulates endocytosis and interacts with multiple trafficking-related proteins. <i>Cellular Signalling</i> , 2017 , 35, 176-187	4.9	19
185	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	11.3	56
184	ProBDNF inhibits proliferation, migration and differentiation of mouse neural stem cells. <i>Brain Research</i> , 2017 , 1668, 46-55	3.7	27
183	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	3.7	6
182	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	4.3	23
181	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	3.4	14
180	Lipid-based nanosystem of edaravone: development, optimization, characterization and in vitro/in vivo evaluation. <i>Drug Delivery</i> , 2017 , 24, 962-978	7	19
179	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	4.3	13
178	Sortilin Fragments Deposit at Senile Plaques in Human Cerebrum. <i>Frontiers in Neuroanatomy</i> , 2017 , 11, 45	3.6	17

177	Neuroprotective Effect of Extract against Alzheimer's Disease. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017 , 2017, 3294586	2.3	4
176	Peripheral Brain Derived Neurotrophic Factor Precursor Regulates Pain as an Inflammatory Mediator. <i>Scientific Reports</i> , 2016 , 6, 27171	4.9	33
175	Development of a novel oral delivery system of edaravone for enhancing bioavailability. <i>International Journal of Pharmaceutics</i> , 2016 , 515, 490-500	6.5	26
174	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, 1258-74	6.3	32
173	ProBDNF Signaling Regulates Depression-Like Behaviors in Rodents under Chronic Stress. <i>Neuropsychopharmacology</i> , 2016 , 41, 2882-2892	8.7	66
172	Nafamostat mesilate improves function recovery after stroke by inhibiting neuroinflammation in rats. <i>Brain, Behavior, and Immunity</i> , 2016 , 56, 230-45	16.6	34
171	Roles of NMDA and dopamine in food-foraging decision-making strategies of rats in the social setting. <i>BMC Neuroscience</i> , 2016 , 17, 3	3.2	4
170	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	3.3	41
169	Challenges in Modelling Hypoglycaemia-Associated Autonomic Failure: A Review of Human and Animal Studies. <i>International Journal of Endocrinology</i> , 2016 , 2016, 9801640	2.7	9
168	Direct Reprogramming of Mouse Fibroblasts to Neural Stem Cells by Small Molecules. <i>Stem Cells International</i> , 2016 , 2016, 4304916	5	39
167	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, 710-21	6	15
166	Intramuscular delivery of p75NTR 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, 163-73	6	21
165	Mice with Sort1 deficiency display normal cognition but elevated anxiety-like behavior. <i>Experimental Neurology</i> , 2016 , 281, 99-108	5.7	19
164	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	10.1	26
163	Brain-derived neurotrophic factor protects against tau-related neurodegeneration of Alzheimer's disease. <i>Translational Psychiatry</i> , 2016 , 6, e907	8.6	100
162	ProBDNF inhibits collective migration and chemotaxis of rat Schwann cells. <i>Tissue and Cell</i> , 2016 , 48, 503-10	2.7	3
161	Associations Between ApoE ϵ 4 Carrier Status and Serum BDNF Levels--New Insights into the Molecular Mechanism of ApoE ϵ 4 Actions in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2015 , 51, 1271-7	6.2	18
160	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, 5225-30	11.5	91

159	Role of endogenous PDGF-BB in cultured cardiomyocytes exposed to hypoxia. <i>Neuropeptides</i> , 2015 , 50, 43-9	3.3	5
158	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	3.2	31
157	p75NTR ectodomain is a physiological neuroprotective molecule against amyloid-beta toxicity in the brain of Alzheimer's disease. <i>Molecular Psychiatry</i> , 2015 , 20, 1301-10	15.1	64
156	Mice deficient for wild-type p53-induced phosphatase 1 display elevated anxiety- and depression-like behaviors. <i>Neuroscience</i> , 2015 , 293, 12-22	3.9	13
155	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	8.6	16
154	Endogenous TGF β Plays a Crucial Role in Functional Recovery After Traumatic Brain Injury Associated with Smad3 Signal in Rats. <i>Neurochemical Research</i> , 2015 , 40, 1671-80	4.6	11
153	Physiological amyloid-beta clearance in the periphery and its therapeutic potential for Alzheimer's disease. <i>Acta Neuropathologica</i> , 2015 , 130, 487-99	14.3	114
152	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	4.7	1
151	Enhanced aggressive behaviour in a mouse model of depression. <i>Neurotoxicity Research</i> , 2015 , 27, 129-42.3	4.3	36
150	Clearance of amyloid-beta in Alzheimer's disease: shifting the action site from center to periphery. <i>Molecular Neurobiology</i> , 2015 , 51, 1-7	6.2	66
149	Mature brain-derived neurotrophic factor and its receptor TrkB are upregulated in human glioma tissues. <i>Oncology Letters</i> , 2015 , 10, 223-227	2.6	16
148	Development of mature BDNF-specific sandwich ELISA. <i>Journal of Neurochemistry</i> , 2015 , 134, 75-85	6	33
147	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	3.2	23
146	SNAP25 ameliorates sensory deficit in rats with spinal cord transection. <i>Molecular Neurobiology</i> , 2014 , 50, 290-304	6.2	22
145	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, 1505-18	3.9	23
144	Synthesis, Trafficking and Release of BDNF 2014 , 1955-1971		3
143	Deletion of TRIM32 protects mice from anxiety- and depression-like behaviors under mild stress. <i>European Journal of Neuroscience</i> , 2014 , 40, 2680-90	3.5	23
142	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, 1000-10	4.8	10

141	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, 2777-87	8.7	47
140	Effects of (-)Epicatechin on the Pathology of APP/PS1 Transgenic Mice. <i>Frontiers in Neurology</i> , 2014 , 5, 69	4.1	28
139	Foraging activity is reduced in a mouse model of depression. <i>Neurotoxicity Research</i> , 2014 , 25, 235-47	4.3	16
138	Huntingtin-associated protein 1 regulates postnatal neurogenesis and neurotrophin receptor sorting. <i>Journal of Clinical Investigation</i> , 2014 , 124, 85-98	15.9	20
137	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, 377-88	4.3	8
136	p75NTR: A Molecule with Multiple Functions in Amyloid-Beta Metabolism and Neurotoxicity 2014 , 1925-1944		
135	Neurotrophins and Pain 2014 , 1805-1823		
134	Amyloid beta β 1-42 up-regulates the expression of sortilin via the p75(NTR)/RhoA signaling pathway. <i>Journal of Neurochemistry</i> , 2013 , 127, 152-62	6	32
133	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, 55-9	3.3	17
132	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	32
131	proNGF inhibits proliferation and oligodendrogenesis of postnatal hippocampal neural stem/progenitor cells through p75NTR in vitro. <i>Stem Cell Research</i> , 2013 , 11, 874-87	1.6	16
130	A monoclonal antibody against the extracellular domain of p75 neurotrophin receptor. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2013 , 32, 55-9	1.9	2
129	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, 188-99	3.9	10
128	Transplantation of NSCs with OECs alleviates neuropathic pain associated with NGF downregulation in rats following spinal cord injury. <i>Neuroscience Letters</i> , 2013 , 549, 103-8	3.3	22
127	Reciprocal induction between β synuclein and β amyloid in adult rat neurons. <i>Neurotoxicity Research</i> , 2013 , 23, 69-78	4.3	17
126	Upregulation of blood proBDNF and its receptors in major depression. <i>Journal of Affective Disorders</i> , 2013 , 150, 776-84	6.6	95
125	Mature BDNF promotes the growth of glioma cells in vitro. <i>Oncology Reports</i> , 2013 , 30, 2719-24	3.5	26
124	No association of SORT1 gene polymorphism with sporadic Alzheimer's disease in the Chinese Han population. <i>NeuroReport</i> , 2013 , 24, 464-8	1.7	10

123	The intracellular domain of sortilin interacts with amyloid precursor protein and regulates its lysosomal and lipid raft trafficking. <i>PLoS ONE</i> , 2013 , 8, e63049	3.7	21
122	Huntingtin associated protein 1 regulates trafficking of the amyloid precursor protein and modulates amyloid beta levels in neurons. <i>Journal of Neurochemistry</i> , 2012 , 122, 1010-22	6	26
121	p75NTR is mainly responsible for A β toxicity but not for its internalization: a primary study. <i>Neurological Sciences</i> , 2012 , 33, 1043-50	3.5	4
120	A simple method for detection of food foraging behavior in the rat: involvement of NMDA and dopamine receptors in the behavior. <i>Neuroscience</i> , 2012 , 205, 73-80	3.9	11
119	Roles of brain-derived neurotrophic factor/tropomyosin-related kinase B (BDNF/TrkB) signalling in Alzheimer's disease. <i>Journal of Clinical Neuroscience</i> , 2012 , 19, 946-9	2.2	64
118	Anterior cingulate cortical lesion attenuates food foraging in rats. <i>Brain Research Bulletin</i> , 2012 , 88, 602-8	3.9	22
117	Nogo-66 inhibits adhesion and migration of microglia via GTPase Rho pathway in vitro. <i>Journal of Neurochemistry</i> , 2012 , 120, 721-31	6	61
116	ProBDNF collapses neurite outgrowth of primary neurons by activating RhoA. <i>PLoS ONE</i> , 2012 , 7, e35883	3.7	107
115	Endogenous proBDNF is a negative regulator of migration of cerebellar granule cells in neonatal mice. <i>European Journal of Neuroscience</i> , 2011 , 33, 1376-84	3.5	47
114	Roles of p75NTR in the pathogenesis of Alzheimer's disease: a novel therapeutic target. <i>Biochemical Pharmacology</i> , 2011 , 82, 1500-9	6	45
113	Differential expression of microRNA-1 in dorsal root ganglion neurons. <i>Histochemistry and Cell Biology</i> , 2011 , 135, 37-45	2.4	15
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