

# Xin-hua Zhang

## List of Publications by Year in descending order

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45  
papers

1,271  
citations

430442

18  
h-index

360668

35  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2217  
citing authors

#	ARTICLE	IF	CITATIONS
1	miR-103-3p targets Ndel1 to regulate neural stem cell proliferation and differentiation. <i>Neural Regeneration Research</i> , 2022, 17, 401.	1.6	16
2	circRNA Acbd6 promotes neural stem cell differentiation into cholinergic neurons via the miR-320-5p-Osbl2 axis. <i>Journal of Biological Chemistry</i> , 2022, 298, 101828.	1.6	8
3	The role of hippocampal niche exosomes in rat hippocampal neurogenesis after fimbriaâ€“fornix transection. <i>Journal of Biological Chemistry</i> , 2021, 296, 100188.	1.6	5
4	Expression and function of Ndel1 during the differentiation of neural stem cells induced by hippocampal exosome. <i>Stem Cell Research and Therapy</i> , 2021, 12, 51.	2.4	10
5	CircHECTD1 Regulates Cell Proliferation and Migration by the miR-320-5p/SLC2A1 Axis in Glioblastoma Multiform. <i>Frontiers in Oncology</i> , 2021, 11, 666391.	1.3	8
6	P4HA2 promotes cell proliferation and migration in glioblastoma. <i>Oncology Letters</i> , 2021, 22, 601.	0.8	8
7	Brn4 promotes the differentiation of radial glial cells into neurons by inhibiting CtBP2. <i>Life Sciences</i> , 2020, 254, 116866.	2.0	4
8	Research progress of the transcription factor Brn4 (Review). <i>Molecular Medicine Reports</i> , 2020, 23, .	1.1	5
9	MicroRNA expression profiles of neural stem cells following valproate inducement. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 6204-6215.	1.2	17
10	Exploration of the Brn4â€“regulated genes enhancing adult hippocampal neurogenesis by RNA sequencing. <i>Journal of Neuroscience Research</i> , 2017, 95, 2071-2079.	1.3	7
11	DPPiV promotes endometrial carcinoma cell proliferation, invasion and tumorigenesis. <i>Oncotarget</i> , 2017, 8, 8679-8692.	0.8	22
12	Neural differentiation of human Wharton's jelly-derived mesenchymal stem cells improves the recovery of neurological function after transplantation in ischemic stroke rats. <i>Neural Regeneration Research</i> , 2017, 12, 1103.	1.6	17
13	Elevated Hapln2 Expression Contributes to Protein Aggregation and Neurodegeneration in an Animal Model of Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 197.	1.7	15
14	Transplantation of RADA16-BDNF peptide scaffold with human umbilical cord mesenchymal stem cells forced with CXCR4 and activated astrocytes for repair of traumatic brain injury. <i>Acta Biomaterialia</i> , 2016, 45, 247-261.	4.1	97
15	Denervated hippocampus provides a favorable microenvironment for neuronal differentiation of endogenous neural stem cells. <i>Neural Regeneration Research</i> , 2016, 11, 597.	1.6	11
16	Overexpression of Lhx8 inhibits cell proliferation and induces cell cycle arrest in PC12 cell line. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015, 51, 329-335.	0.7	7
17	Stromal derived factorâ€“1 in hippocampus radial glial cells in vitro regulates the migration of neural progenitor cells. <i>Cell Biology International</i> , 2015, 39, 750-758.	1.4	3
18	Identification of a Vav2-dependent mechanism for GDNF/Ret control of mesolimbic DAT trafficking. <i>Nature Neuroscience</i> , 2015, 18, 1084-1093.	7.1	37

#	ARTICLE	IF	CITATIONS
19	Stem Cells and Spinal Cord Regeneration. <i>Translational Medicine Research</i> , 2015, , 471-498.	0.0	0
20	IGF-1 Promotes Brn-4 Expression and Neuronal Differentiation of Neural Stem Cells via the PI3K/Akt Pathway. <i>PLoS ONE</i> , 2014, 9, e113801.	1.1	44
21	3D Porous Chitosan Scaffolds Suit Survival and Neural Differentiation of Dental Pulp Stem Cells. <i>Cellular and Molecular Neurobiology</i> , 2014, 34, 859-870.	1.7	47
22	Upregulation of Lhx8 increase VAcHT expression and ACh release in neuronal cell line SHSY5Y. <i>Neuroscience Letters</i> , 2014, 559, 184-188.	1.0	5
23	Therapeutic effect of human umbilical cord mesenchymal stem cells on neonatal rat hypoxic ischemic encephalopathy. <i>Journal of Neuroscience Research</i> , 2014, 92, 35-45.	1.3	47
24	Lycium barbarum Polysaccharides Prevent Memory and Neurogenesis Impairments in Scopolamine-Treated Rats. <i>PLoS ONE</i> , 2014, 9, e88076.	1.1	74
25	Suppression of neuroinflammation by astrocytic dopamine D2 receptors via $\beta$ -crystallin. <i>Nature</i> , 2013, 494, 90-94.	13.7	347
26	Cortical Endogenic Neural Regeneration of Adult Rat after Traumatic Brain Injury. <i>PLoS ONE</i> , 2013, 8, e70306.	1.1	21
27	The dynamic expression of Mash1 in the hippocampal subgranular zone after fimbria-fornix transection. <i>Neuroscience Letters</i> , 2012, 520, 26-31.	1.0	3
28	In vitro differentiation of human umbilical cord mesenchymal stem cells (hUCMSCs), derived from Wharton's jelly, into choline acetyltransferase (ChAT) positive cells. <i>International Journal of Developmental Neuroscience</i> , 2012, 30, 471-477.	0.7	33
29	BDNF blended chitosan scaffolds for human umbilical cord MSC transplants in traumatic brain injury therapy. <i>Biomaterials</i> , 2012, 33, 3119-3126.	5.7	85
30	Hemophagocytic syndrome secondary to adult-onset Still's disease but very similar to lymphoma. <i>International Journal of Clinical and Experimental Pathology</i> , 2012, 5, 377-81.	0.5	5
31	Identification of neonatal rat hippocampal radial glia cells in vitro. <i>Neuroscience Letters</i> , 2011, 490, 209-214.	1.0	17
32	Stage-dependent STAT3 activation is involved in the differentiation of rat hippocampus neural stem cells. <i>Neuroscience Letters</i> , 2011, 493, 18-23.	1.0	27
33	Extract of deafferented hippocampus promotes in vitro radial glial cell differentiation into neurons. <i>Neuroscience Letters</i> , 2011, 498, 93-98.	1.0	4
34	Ectopic Neurogenesis in the Forebrain Cholinergic System-Related Areas of a Rat Dementia Model. <i>Stem Cells and Development</i> , 2011, 20, 1627-1638.	1.1	3
35	Characterization and identification of Sox2+ radial glia cells derived from rat embryonic cerebral cortex. <i>Histochemistry and Cell Biology</i> , 2011, 136, 515-526.	0.8	12
36	Generation and identification of rat fetal cerebral radial glia-like cells in vitro. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2011, 47, 431-437.	0.7	1

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37	Effects of Brn-4 on the neuronal differentiation of neural stem cells derived from rat midbrain. <i>Cell Biology International</i> , 2010, 34, 877-882.	1.4	19
38	Proliferation, Migration, and Neuronal Differentiation of the Endogenous Neural Progenitors in Hippocampus after Fimbria Fornix Transection. <i>International Journal of Neuroscience</i> , 2010, 120, 192-200.	0.8	23
39	The role of Brn-4 in the regulation of neural stem cell differentiation into neurons. <i>Neuroscience Research</i> , 2010, 67, 8-17.	1.0	15
40	Activation of Phosphatidylinositol-Linked D1-Like Receptor Modulates FGF-2 Expression in Astrocytes via IP3-Dependent Ca <sup>2+</sup> Signaling. <i>Journal of Neuroscience</i> , 2009, 29, 7766-7775.	1.7	52
41	Brn-4 is upregulated in the deafferented hippocampus and promotes neuronal differentiation of neural progenitors in vitro. <i>Hippocampus</i> , 2009, 19, 176-186.	0.9	22
42	Crucial roles of MZF1 in the transcriptional regulation of apomorphine-induced modulation of FGF-2 expression in astrocytic cultures. <i>Journal of Neurochemistry</i> , 2009, 108, 952-961.	2.1	27
43	Prolonged modulation of FGF-2 expression in astrocytic cultures induced by O,O'-diacetyl-apomorphine. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 824-829.	1.0	3
44	The denervated hippocampus provides proper microenvironment for the survival and differentiation of neural progenitors. <i>Neuroscience Letters</i> , 2007, 414, 115-120.	1.0	28
45	Effects of Ginkgolide on the development of NOS and AChE positive neurons in the embryonic basal forebrain. <i>Cell Biology International</i> , 2006, 30, 500-504.	1.4	10