Chun-Li Zhang

List of Publications by Year
in descending order

45 papers	4,618 citations	201674 27 h-index	223800 46 g-index
51 all docs	51 docs citations	51 times ranked	5624 citing authors

#	Article	IF	Citations
1	<scp>NEK6</scp> is an <scp>injuryâ€responsive</scp> kinase cooperating with <scp>STAT3</scp> in regulation of reactive astrogliosis. Glia, 2022, 70, 273-286.	4.9	8
2	Reply to InÂvivo confusion over inÂvivo conversion. Molecular Therapy, 2022, 30, 986-987.	8.2	6
3	A single factor elicits multilineage reprogramming of astrocytes in the adult mouse striatum. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2107339119.	7.1	27
4	In vivo gliaâ€toâ€neuron conversion: pitfalls and solutions. Developmental Neurobiology, 2022, 82, 367-374.	3.0	14
5	Disease Modeling with Human Neurons Reveals LMNB1 Dysregulation Underlying DYT1 Dystonia. Journal of Neuroscience, 2021, 41, 2024-2038.	3.6	32
6	InÂvivo reprogramming of NG2 glia enables adult neurogenesis and functional recovery following spinal cord injury. Cell Stem Cell, 2021, 28, 923-937.e4.	11.1	90
7	Revisiting astrocyte to neuron conversion with lineage tracing inÂvivo. Cell, 2021, 184, 5465-5481.e16.	28.9	175
8	Transplanting Rac1-silenced bone marrow mesenchymal stem cells promote neurological function recovery in TBI mice. Aging, 2021, 13, 2822-2850.	3.1	4
9	Therapeutic Nanomaterials for Neurological Diseases and Cancer Therapy. Journal of Nanomaterials, 2020, 2020, 1-18.	2.7	8
10	Aging-relevant human basal forebrain cholinergic neurons as a cell model for Alzheimerâ€™s disease. Molecular Neurodegeneration, 2020, 15, 61.	10.8	18
11	Prospects of Directly Reprogrammed Adult Human Neurons for Neurodegenerative Disease Modeling and Drug Discovery: iN vs. iPSCs Models. Frontiers in Neuroscience, 2020, 14, 546484.	2.8	11
12	Regeneration Through in vivo Cell Fate Reprogramming for Neural Repair. Frontiers in Cellular Neuroscience, 2020, 14, 107.	3.7	30
13	Tumor cells suppress radiation-induced immunity by hijacking caspase 9 signaling. Nature Immunology, 2020, 21, 546-554.	14.5	78
14	SOX4-mediated repression of specific tRNAs inhibits proliferation of human glioblastoma cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5782-5790.	7.1	21
15	Differential Influence of Sample Sex and Neuronal Maturation on mRNA and Protein Transport in Induced Human Neurons. Frontiers in Molecular Neuroscience, 2020, 13, 46.	2.9	13
16	Targeting N-Terminal Huntingtin with a Dual-sgRNA Strategy by CRISPR/Cas9. BioMed Research International, 2019, 2019, 1-10.	1.9	6
17	Astrocyte-Specific Deletion of Sox2 Promotes Functional Recovery After Traumatic Brain Injury. Cerebral Cortex, 2019, 29, 54-69.	2.9	61
18	Engineering new neurons: in vivo reprogramming in mammalian brain and spinal cord. Cell and Tissue Research, 2018, 371, 201-212.	2.9	42

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19	Phenotypic Reprogramming of Striatal Neurons into Dopaminergic Neuron-like Cells in the Adult Mouse Brain. Stem Cell Reports, 2018, 11, 1156-1170.	4.8	41
20	Reprogramming Glia Into Neurons in the Peripheral Auditory System as a Solution for Sensorineural Hearing Loss: Lessons From the Central Nervous System. Frontiers in Molecular Neuroscience, 2018, 11, 77.	2.9	16
21	The therapeutic potential of cell identity reprogramming for the treatment of aging-related neurodegenerative disorders. Progress in Neurobiology, 2017, 157, 212-229.	5.7	25
22	Minocycline modulates microglia polarization in ischemia-reperfusion model of retinal degeneration and induces neuroprotection. Scientific Reports, 2017, 7, 14065.	3.3	46
23	TrkB dependent adult hippocampal progenitor differentiation mediates sustained ketamine antidepressant response. Nature Communications, 2017, 8, 1668.	12.8	103
24	Direct Reprogramming Rather than iPSC-Based Reprogramming Maintains Aging Hallmarks in Human Motor Neurons. Frontiers in Molecular Neuroscience, 2017, 10, 359.	2.9	128
25	Physiological, pathological, and engineered cell identity reprogramming in the central nervous system. Wiley Interdisciplinary Reviews: Developmental Biology, 2016, 5, 499-517.	5.9	7
26	The p53 Pathway Controls SOX2-Mediated Reprogramming in the Adult Mouse Spinal Cord. Cell Reports, 2016, 17, 891-903.	6.4	96
27	Small Molecules Modulate Chromatin Accessibility to Promote NEUROG2-Mediated Fibroblast-to-Neuron Reprogramming. Stem Cell Reports, 2016, 7, 955-969.	4.8	100
28	Direct Lineage Reprogramming Reveals Disease-Specific Phenotypes of Motor Neurons from Human ALS Patients. Cell Reports, 2016, 14, 115-128.	6.4	136
29	Enhancer Analysis Unveils Genetic Interactions between TLX and SOX2 in Neural Stem Cells and InÂVivo Reprogramming. Stem Cell Reports, 2015, 5, 805-815.	4.8	51
30	In VivoReprogramming for Brain and Spinal Cord Repair. ENeuro, 2015, 2, ENEURO.0106-15.2015.	1.9	38
31	Regeneration through Reprogramming Adult Cell Identity inÂVivo. American Journal of Pathology, 2015, 185, 2619-2628.	3.8	16
32	SOX2 Reprograms Resident Astrocytes into Neural Progenitors in the Adult Brain. Stem Cell Reports, 2015, 4, 780-794.	4.8	192
33	Structural basis for corepressor assembly by the orphan nuclear receptor TLX. Genes and Development, 2015, 29, 440-450.	5.9	18
34	Transcription-Factor-Dependent Control of Adult Hippocampal Neurogenesis. Cold Spring Harbor Perspectives in Biology, 2015, 7, a018879.	5.5	55
35	TLX: A master regulator for neural stem cell maintenance and neurogenesis. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 210-216.	1.9	60
36	Orphan nuclear receptor TLX regulates astrogenesis by modulating BMP signaling. Frontiers in Neuroscience, 2014, 8, 74.	2.8	23

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37	In vivo conversion of astrocytes to neurons in the injured adult spinal cord. Nature Communications, 2014, 5, 3338.	12.8	353
38	Small molecules enable neurogenin 2 to efficiently convert human fibroblasts into cholinergic neurons. Nature Communications, 2013, 4, 2183.	12.8	299
39	In vivo reprogramming of astrocytes to neuroblasts in the adult brain. Nature Cell Biology, 2013, 15, 1164-1175.	10.3	437
40	The Nuclear Receptor TLX Is Required for Gliomagenesis within the Adult Neurogenic Niche. Molecular and Cellular Biology, 2012, 32, 4811-4820.	2.3	38
41	SRY-box-containing Gene 2 Regulation of Nuclear Receptor Tailless (Tlx) Transcription in Adult Neural Stem Cells. Journal of Biological Chemistry, 2012, 287, 5969-5978.	3.4	52
42	Activation of Postnatal Neural Stem Cells Requires Nuclear Receptor TLX. Journal of Neuroscience, 2011, 31, 13816-13828.	3.6	83
43	A role for adult TLX-positive neural stem cells in learning and behaviour. Nature, 2008, 451, 1004-1007.	27.8	469
44	Nuclear receptor TLX prevents retinal dystrophy and recruits the corepressor atrophin1. Genes and Development, 2006, 20, 1308-1320.	5.9	119
45	Signal-dependent nuclear export of a histone deacetylase regulates muscle differentiation. Nature, 2000, 408, 106-111.	27.8	953