Yanhong Shi

List of Publications by Year
in descending order

71 papers	10,667 citations	61945 43 h-index	110317 64 g-index
72 all docs	72 docs citations	72 times ranked	15805 citing authors

#	Article	IF	Citations
1	Induced pluripotent stem cell technology: a decade of progress. Nature Reviews Drug Discovery, 2017, 16, 115-130.	21.5	1,076
2	m 6 A RNA Methylation Regulates the Self-Renewal and Tumorigenesis of Glioblastoma Stem Cells. Cell Reports, 2017, 18, 2622-2634.	2.9	1,026
3	Breast-cancer-secreted miR-122 reprograms glucoseÂmetabolism in premetastatic niche toÂpromoteÂmetastasis. Nature Cell Biology, 2015, 17, 183-194.	4.6	895
4	An essential role for nuclear receptors SXR/PXR in detoxification of cholestatic bile acids. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 3375-3380.	3.3	718
5	Molecularchaperones as HSF1-specific transcriptionalÂrepressors. Genes and Development, 1998, 12, 654-666.	2.7	557
6	A feedback regulatory loop involving microRNA-9 and nuclear receptor TLX in neural stem cell fate determination. Nature Structural and Molecular Biology, 2009, 16, 365-371.	3.6	525
7	Expression and function of orphan nuclear receptor TLX in adult neural stem cells. Nature, 2004, 427, 78-83.	13.7	368
8	MicroRNA <i>let-7b</i> regulates neural stem cell proliferation and differentiation by targeting nuclear receptor TLX signaling. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1876-1881.	3.3	358
9	Tet1 Regulates Adult Hippocampal Neurogenesis and Cognition. Cell Stem Cell, 2013, 13, 237-245.	5.2	309
10	Sharp, an inducible cofactor that integrates nuclear receptor repression and activation. Genes and Development, 2001, 15, 1140-1151.	2.7	290
11	The peroxisome proliferator-activated receptor Â, an integrator of transcriptional repression and nuclear receptor signaling. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2613-2618.	3.3	290
12	Orphan nuclear receptor TLX activates Wnt/Î²-catenin signalling to stimulate neural stem cell proliferation and self-renewal. Nature Cell Biology, 2010, 12, 31-40.	4.6	273
13	miR-137 forms a regulatory loop with nuclear receptor TLX and LSD1 in neural stem cells. Nature Communications, 2011, 2, 529.	5.8	267
14	Retinoic acid is required early during adult neurogenesis in the dentate gyrus. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3902-3907.	3.3	226
15	Orphan nuclear receptor TLX recruits histone deacetylases to repress transcription and regulate neural stem cell proliferation. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15282-15287.	3.3	220
16	Histone Demethylase LSD1 Regulates Neural Stem Cell Proliferation. Molecular and Cellular Biology, 2010, 30, 1997-2005.	1.1	198
17	MicroRNA Regulation of Neural Stem Cells and Neurogenesis: Figure 1.. Journal of Neuroscience, 2010, 30, 14931-14936.	1.7	197
18	Adaptive Amphiphilic Dendrimerâ€Based Nanoassemblies as Robust and Versatile siRNA Delivery Systems. Angewandte Chemie - International Edition, 2014, 53, 11822-11827.	7.2	181

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19	Neural stem cell self-renewal. Critical Reviews in Oncology/Hematology, 2008, 65, 43-53.	2.0	169
20	MicroRNAs: Small molecules with big roles in neurodevelopment and diseases. Experimental Neurology, 2015, 268, 46-53.	2.0	163
21	ApoE-Isoform-Dependent SARS-CoV-2 Neurotropism and Cellular Response. Cell Stem Cell, 2021, 28, 331-342.e5.	5.2	156
22	Chlorotoxin-directed CAR T cells for specific and effective targeting of glioblastoma. Science Translational Medicine, 2020, 12, .	5.8	150
23	Wnt7a Regulates Multiple Steps of Neurogenesis. Molecular and Cellular Biology, 2013, 33, 2551-2559.	1.1	127
24	Modeling microcephaly with cerebral organoids reveals a WDR62â€"CEP170â€"KIF2A pathway promoting cilium disassembly in neural progenitors. Nature Communications, 2019, 10, 2612.	5.8	125
25	The Carboxyl-Terminal Transactivation Domain of Heat Shock Factor 1 Is Negatively Regulated and Stress Responsive. Molecular and Cellular Biology, 1995, 15, 4309-4318.	1.1	123
26	Cytoplasmic catalytic subunit of protein kinase A mediates cross-repression by NF-kappa B and the glucocorticoid receptor. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 11893-11898.	3.3	119
27	Nuclear Receptor TLX Regulates Cell Cycle Progression in Neural Stem Cells of the Developing Brain. Molecular Endocrinology, 2008, 22, 56-64.	3.7	106
28	Genome-Wide Profiling Identified a Set of miRNAs that Are Differentially Expressed in Glioblastoma Stem Cells and Normal Neural Stem Cells. PLoS ONE, 2012, 7, e36248.	1.1	100
29	MicroRNA let-7d regulates the TLX/microRNA-9 cascade to control neural cell fate and neurogenesis. Scientific Reports, 2013, 3, 1329.	1.6	96
30	The TLX-miR-219 cascade regulates neural stem cell proliferation in neurodevelopment and schizophrenia iPSC model. Nature Communications, 2016, 7, 10965.	5.8	95
31	GFAP Mutations in Astrocytes Impair Oligodendrocyte Progenitor Proliferation and Myelination in an hiPSC Model of Alexander Disease. Cell Stem Cell, 2018, 23, 239-251.e6.	5.2	91
32	Orphan nuclear receptors in drug discovery. Drug Discovery Today, 2007, 12, 440-445.	3.2	77
33	Dynamic Roles of microRNAs in Neurogenesis. Frontiers in Neuroscience, 2012, 6, 71.	1.4	75
34	Downregulation of TLX induces TET3 expression and inhibits glioblastoma stem cell self-renewal and tumorigenesis. Nature Communications, 2016, 7, 10637.	5.8	67
35	Modeling Human Cytomegalovirus-Induced Microcephaly in Human iPSC-Derived Brain Organoids. Cell Reports Medicine, 2020, 1, 100002.	3.3	67
36	Modeling Sporadic Alzheimer's Disease in Human Brain Organoids under Serum Exposure. Advanced Science, 2021, 8, e2101462.	5.6	66

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37	Targeting PUS7 suppresses tRNA pseudouridylation and glioblastoma tumorigenesis. Nature Cancer, 2021, 2, 932-949.	5.7	64
38	Identification of Oct4-activating compounds that enhance reprogramming efficiency. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20853-20858.	3.3	62
39	Nuclear receptor TLX stimulates hippocampal neurogenesis and enhances learning and memory in a transgenic mouse model. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9115-9120.	3.3	58
40	Modeling neurological diseases using iPSC-derived neural cells. Cell and Tissue Research, 2018, 371, 143-151.	1.5	58
41	Neural stem cells in the developing and adult brains. Journal of Cellular Physiology, 2009, 221, 5-9.	2.0	55
42	Enhancer Analysis Unveils Genetic Interactions between TLX and SOX2 in Neural Stem Cells and InÂVivo Reprogramming. Stem Cell Reports, 2015, 5, 805-815.	2.3	51
43	Small-Molecule-Based Lineage Reprogramming Creates Functional Astrocytes. Cell Reports, 2016, 16, 781-792.	2.9	49
44	Ablation of BAF170 in Developing and Postnatal Dentate Gyrus Affects Neural Stem Cell Proliferation, Differentiation, and Learning. Molecular Neurobiology, 2017, 54, 4618-4635.	1.9	39
45	Decoding pseudouridine: an emerging target for therapeutic development. Trends in Pharmacological Sciences, 2022, 43, 522-535.	4.0	32
46	Characterization of TLX Expression in Neural Stem Cells and Progenitor Cells in Adult Brains. PLoS ONE, 2012, 7, e43324.	1.1	29
47	Histone Deacetylases in Neural Stem Cells and Induced Pluripotent Stem Cells. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-6.	3.0	28
48	The Anticancer Activity of a First-in-class Small-molecule Targeting PCNA. Clinical Cancer Research, 2018, 24, 6053-6065.	3.2	27
49	Comparative transcriptomic analysis of SARS-CoV-2 infected cell model systems reveals differential innate immune responses. Scientific Reports, 2021, 11, 17146.	1.6	21
50	N6-methyladenosine promotes induction of ADAR1-mediated A-to-I RNA editing to suppress aberrant antiviral innate immune responses. PLoS Biology, 2021, 19, e3001292.	2.6	20
51	Cellâ€Based Therapy for Canavan Disease Using Human iPSCâ€Derived NPCs and OPCs. Advanced Science, 2020, 7, 2002155.	5.6	19
52	Nuclear Receptor TLX in Development and Diseases. Current Topics in Developmental Biology, 2017, 125, 257-273.	1.0	18
53	Induced Pluripotent Stem Cells, New Tools for Drug Discovery and New Hope for Stem Cell Therapies. Current Molecular Pharmacology, 2009, 2, 15-18.	0.7	17
54	When glia meet induced pluripotent stem cells (iPSCs). Molecular and Cellular Neurosciences, 2020, 109, 103565.	1.0	15

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55	Nuclear receptors in stem cells and their therapeutic potential. Advanced Drug Delivery Reviews, 2010, 62, 1299-1306.	6.6	12
56	A case of cellular alchemy: lineage reprogramming and its potential in regenerative medicine. Journal of Molecular Cell Biology, 2012, 4, 190-196.	1.5	10
57	Orphan Nuclear Receptors, Excellent Targets of Drug Discovery. Combinatorial Chemistry and High Throughput Screening, 2006, 9, 683-689.	0.6	8
58	The little molecules that could: a story about microRNAs in neural stem cells and neurogenesis. Frontiers in Neuroscience, 2012, 6, 176.	1.4	7
59	Therapeutic development for Canavan disease using patient iPSCs introduced with the wild-type ASPA gene. IScience, 2022, 25, 104391.	1.9	5
60	Nuclear Receptors in Stem Cell Biology. Critical Reviews in Eukaryotic Gene Expression, 2006, 16, 171-182.	0.4	3
61	Compound screen identifies the small molecule Q34 as an inhibitor of SARS-CoV-2 infection. IScience, 2022, 25, 103684.	1.9	3
62	Induced pluripotent stem cell technology: venturing into the second decade. , 2020, , 435-443.		2
63	Human induced pluripotent stem cellâ€" based modeling of Alzheimerâ€™s disease, a glial perspective. , 2021, , 21-35.		2
64	Oleic acid regulates hippocampal neurogenesis as a TLX ligand. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2203038119.	3.3	2
65	Epigenetic Control of Neural Stem Cell Self-Renewal and Specification. , 2008, , 69-82.		1
66	Role of p38Î³ - NFATc4 - IL17A Pathway As a Potential Therapeutic Target in Cutaneous T Cell Lymphoma. Blood, 2016, 128, 2725-2725.	0.6	1
67	Direct Reprogramming Facilitated by Small Molecules. Journal of Stem Cell and Transplantation Biology, 2015, 01, .	0.2	1
68	142. Evolution of Cell-Specific RNA Aptamers Against Glioblastoma Cancer Stem Cells Via Live Cell-Based SELEX. Molecular Therapy, 2015, 23, S58.	3.7	0
69	Direct Reprogramming of Fibroblasts to Astrocytes Using Small Molecules. Methods in Molecular Biology, 2021, 2352, 45-55.	0.4	0
70	Regulatory Networks Controlling Neural Stem Cell Self-renewal and Differentiation. , 2007, , 181-200.		0
71	Current Status of Induced Pluripotent Stem Cells. , 2011, , 39-52.		0