

# Yanhong Shi

## 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.

69

papers

8,192

citations

38

h-index

72

g-index

72

ext. papers

9,595

ext. citations

11.4

avg, IF

5.98

L-index

#	Paper	IF	Citations
69	Oleic acid regulates hippocampal neurogenesis as a TLX ligand.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2203038119	11.5	
68	Therapeutic development for Canavan disease using patient iPSCs introduced with the wild type ASPA gene. <i>IScience</i> , <b>2022</b> , 104391	6.1	0
67	Compound screen identifies the small molecule Q34 as an inhibitor of SARS-CoV-2 infection.. <i>IScience</i> , <b>2021</b> , 103684	6.1	0
66	N6-methyladenosine promotes induction of ADAR1-mediated A-to-I RNA editing to suppress aberrant antiviral innate immune responses. <i>PLoS Biology</i> , <b>2021</b> , 19, e3001292	9.7	5
65	ApoE-Isoform-Dependent SARS-CoV-2 Neurotropism and Cellular Response. <i>Cell Stem Cell</i> , <b>2021</b> , 28, 331-342.e5	18	67
64	Human induced pluripotent stem cell based modeling of Alzheimer's disease, a glial perspective <b>2021</b> , 21-35		
63	Modeling Sporadic Alzheimer's Disease in Human Brain Organoids under Serum Exposure. <i>Advanced Science</i> , <b>2021</b> , 8, e2101462	13.6	10
62	Targeting PUS7 suppresses tRNA pseudouridylation and glioblastoma tumorigenesis.. <i>Nature Cancer</i> , <b>2021</b> , 2, 932-949	15.4	6
61	Comparative transcriptomic analysis of SARS-CoV-2 infected cell model systems reveals differential innate immune responses. <i>Scientific Reports</i> , <b>2021</b> , 11, 17146	4.9	4
60	Direct Reprogramming of Fibroblasts to Astrocytes Using Small Molecules. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2352, 45-55	1.4	
59	Chlorotoxin-directed CAR T cells for specific and effective targeting of glioblastoma. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	68
58	Induced pluripotent stem cell technology: venturing into the second decade <b>2020</b> , 435-443		2
57	When glia meet induced pluripotent stem cells (iPSCs). <i>Molecular and Cellular Neurosciences</i> , <b>2020</b> , 109, 103565	4.8	5
56	Cell-Based Therapy for Canavan Disease Using Human iPSC-Derived NPCs and OPCs. <i>Advanced Science</i> , <b>2020</b> , 7, 2002155	13.6	11
55	Modeling Human Cytomegalovirus-Induced Microcephaly in Human iPSC-Derived Brain Organoids. <i>Cell Reports Medicine</i> , <b>2020</b> , 1, 100002	18	31
54	Modeling microcephaly with cerebral organoids reveals a WDR62-CEP170-KIF2A pathway promoting cilium disassembly in neural progenitors. <i>Nature Communications</i> , <b>2019</b> , 10, 2612	17.4	59
53	Modeling neurological diseases using iPSC-derived neural cells : iPSC modeling of neurological diseases. <i>Cell and Tissue Research</i> , <b>2018</b> , 371, 143-151	4.2	36

52	GFAP Mutations in Astrocytes Impair Oligodendrocyte Progenitor Proliferation and Myelination in an hiPSC Model of Alexander Disease. <i>Cell Stem Cell</i> , <b>2018</b> , 23, 239-251.e6	18	65
51	The Anticancer Activity of a First-in-class Small-molecule Targeting PCNA. <i>Clinical Cancer Research</i> , <b>2018</b> , 24, 6053-6065	12.9	15
50	Ablation of BAF170 in Developing and Postnatal Dentate Gyrus Affects Neural Stem Cell Proliferation, Differentiation, and Learning. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 4618-4635	6.2	22
49	mA RNA Methylation Regulates the Self-Renewal and Tumorigenesis of Glioblastoma Stem Cells. <i>Cell Reports</i> , <b>2017</b> , 18, 2622-2634	10.6	656
48	Induced pluripotent stem cell technology: a decade of progress. <i>Nature Reviews Drug Discovery</i> , <b>2017</b> , 16, 115-130	64.1	701
47	Nuclear Receptor TLX in Development and Diseases. <i>Current Topics in Developmental Biology</i> , <b>2017</b> , 125, 257-273	5.3	12
46	The TLX-miR-219 cascade regulates neural stem cell proliferation in neurodevelopment and schizophrenia iPSC model. <i>Nature Communications</i> , <b>2016</b> , 7, 10965	17.4	75
45	Downregulation of TLX induces TET3 expression and inhibits glioblastoma stem cell self-renewal and tumorigenesis. <i>Nature Communications</i> , <b>2016</b> , 7, 10637	17.4	54
44	Role of p38 $\beta$ NFATc4 - IL17A Pathway As a Potential Therapeutic Target in Cutaneous T Cell Lymphoma. <i>Blood</i> , <b>2016</b> , 128, 2725-2725	2.2	1
43	Small-Molecule-Based Lineage Reprogramming Creates Functional Astrocytes. <i>Cell Reports</i> , <b>2016</b> , 16, 781-92	10.6	38
42	MicroRNAs: Small molecules with big roles in neurodevelopment and diseases. <i>Experimental Neurology</i> , <b>2015</b> , 268, 46-53	5.7	116
41	Enhancer Analysis Unveils Genetic Interactions between TLX and SOX2 in Neural Stem Cells and In Vivo Reprogramming. <i>Stem Cell Reports</i> , <b>2015</b> , 5, 805-815	8	27
40	Breast-cancer-secreted miR-122 reprograms glucose metabolism in premetastatic niche to promote metastasis. <i>Nature Cell Biology</i> , <b>2015</b> , 17, 183-94	23.4	669
39	Nuclear receptor TLX stimulates hippocampal neurogenesis and enhances learning and memory in a transgenic mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 9115-20	11.5	47
38	Adaptive amphiphilic dendrimer-based nanoassemblies as robust and versatile siRNA delivery systems. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 11822-7	16.4	144
37	Tet1 regulates adult hippocampal neurogenesis and cognition. <i>Cell Stem Cell</i> , <b>2013</b> , 13, 237-45	18	259
36	Wnt7a regulates multiple steps of neurogenesis. <i>Molecular and Cellular Biology</i> , <b>2013</b> , 33, 2551-9	4.8	85
35	MicroRNA let-7d regulates the TLX/microRNA-9 cascade to control neural cell fate and neurogenesis. <i>Scientific Reports</i> , <b>2013</b> , 3, 1329	4.9	84

34	Identification of Oct4-activating compounds that enhance reprogramming efficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 20853-8	11.5	53
33	Characterization of TLX expression in neural stem cells and progenitor cells in adult brains. <i>PLoS ONE</i> , <b>2012</b> , 7, e43324	3.7	24
32	The little molecules that could: a story about microRNAs in neural stem cells and neurogenesis. <i>Frontiers in Neuroscience</i> , <b>2012</b> , 6, 176	5.1	7
31	A case of cellular alchemy: lineage reprogramming and its potential in regenerative medicine. <i>Journal of Molecular Cell Biology</i> , <b>2012</b> , 4, 190-6	6.3	8
30	Dynamic Roles of microRNAs in Neurogenesis. <i>Frontiers in Neuroscience</i> , <b>2012</b> , 6, 71	5.1	58
29	Genome-wide profiling identified a set of miRNAs that are differentially expressed in glioblastoma stem cells and normal neural stem cells. <i>PLoS ONE</i> , <b>2012</b> , 7, e36248	3.7	86
28	miR-137 forms a regulatory loop with nuclear receptor TLX and LSD1 in neural stem cells. <i>Nature Communications</i> , <b>2011</b> , 2, 529	17.4	217
27	Histone deacetylases in neural stem cells and induced pluripotent stem cells. <i>Journal of Biomedicine and Biotechnology</i> , <b>2011</b> , 2011, 835968		26
26	Current Status of Induced Pluripotent Stem Cells <b>2011</b> , 39-52		
25	Orphan nuclear receptor TLX activates Wnt/beta-catenin signalling to stimulate neural stem cell proliferation and self-renewal. <i>Nature Cell Biology</i> , <b>2010</b> , 12, 31-40; sup pp 1-9	23.4	244
24	MicroRNA let-7b regulates neural stem cell proliferation and differentiation by targeting nuclear receptor TLX signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 1876-81	11.5	313
23	Histone demethylase LSD1 regulates neural stem cell proliferation. <i>Molecular and Cellular Biology</i> , <b>2010</b> , 30, 1997-2005	4.8	171
22	MicroRNA regulation of neural stem cells and neurogenesis. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 14931-6	6.6	168
21	Nuclear receptors in stem cells and their therapeutic potential. <i>Advanced Drug Delivery Reviews</i> , <b>2010</b> , 62, 1299-306	18.5	10
20	Induced pluripotent stem cells, new tools for drug discovery and new hope for stem cell therapies. <i>Current Molecular Pharmacology</i> , <b>2009</b> , 2, 15-8	3.7	17
19	Neural stem cells in the developing and adult brains. <i>Journal of Cellular Physiology</i> , <b>2009</b> , 221, 5-9	7	50
18	A feedback regulatory loop involving microRNA-9 and nuclear receptor TLX in neural stem cell fate determination. <i>Nature Structural and Molecular Biology</i> , <b>2009</b> , 16, 365-71	17.6	461
17	Nuclear receptor TLX regulates cell cycle progression in neural stem cells of the developing brain. <i>Molecular Endocrinology</i> , <b>2008</b> , 22, 56-64		92

16	Neural stem cell self-renewal. <i>Critical Reviews in Oncology/Hematology</i> , <b>2008</b> , 65, 43-53	7	136
15	Epigenetic Control of Neural Stem Cell Self-Renewal and Specification <b>2008</b> , 69-82		1
14	Orphan nuclear receptors in drug discovery. <i>Drug Discovery Today</i> , <b>2007</b> , 12, 440-5	8.8	64
13	Orphan nuclear receptor TLX recruits histone deacetylases to repress transcription and regulate neural stem cell proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 15282-7	11.5	199
12	Regulatory Networks Controlling Neural Stem Cell Self-renewal and Differentiation <b>2007</b> , 181-200		
11	Orphan nuclear receptors, excellent targets of drug discovery. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2006</b> , 9, 683-9	1.3	8
10	Retinoic acid is required early during adult neurogenesis in the dentate gyrus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 3902-7	11.5	202
9	Nuclear receptors in stem cell biology. <i>Critical Reviews in Eukaryotic Gene Expression</i> , <b>2006</b> , 16, 171-81	1.3	3
8	Expression and function of orphan nuclear receptor TLX in adult neural stem cells. <i>Nature</i> , <b>2004</b> , 427, 78-83	50.4	328
7	The peroxisome proliferator-activated receptor delta, an integrator of transcriptional repression and nuclear receptor signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 2613-8	11.5	263
6	An essential role for nuclear receptors SXR/PXR in detoxification of cholestatic bile acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 3375-80	11.5	643
5	Sharp, an inducible cofactor that integrates nuclear receptor repression and activation. <i>Genes and Development</i> , <b>2001</b> , 15, 1140-51	12.6	256
4	Cytoplasmic catalytic subunit of protein kinase A mediates cross-repression by NF-kappa B and the glucocorticoid receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2000</b> , 97, 11893-8	11.5	108
3	Molecular chaperones as HSF1-specific transcriptional repressors. <i>Genes and Development</i> , <b>1998</b> , 12, 654-66	12.6	488
2	The carboxyl-terminal transactivation domain of heat shock factor 1 is negatively regulated and stress responsive. <i>Molecular and Cellular Biology</i> , <b>1995</b> , 15, 4309-18	4.8	110
1	Chlorotoxin Redirects Chimeric Antigen Receptor T Cells for Specific and Effective Targeting of Glioblastoma		2