

Ning-Yi Shao

List of Publications by Year in descending order

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36
papers

3,612
citations

201674

27
h-index

345221

36
g-index

36
all docs

36
docs citations

36
times ranked

8141
citing authors

#	ARTICLE	IF	CITATIONS
1	ngs.plot: Quick mining and visualization of next-generation sequencing data by integrating genomic databases. BMC Genomics, 2014, 15, 284.	2.8	771
2	diffReps: Detecting Differential Chromatin Modification Sites from ChIP-seq Data with Biological Replicates. PLoS ONE, 2013, 8, e65598.	2.5	355
3	Î²-catenin mediates stress resilience through Dicer1/microRNA regulation. Nature, 2014, 516, 51-55.	27.8	243
4	Locus-specific epigenetic remodeling controls addiction- and depression-related behaviors. Nature Neuroscience, 2014, 17, 1720-1727.	14.8	193
5	Patient-Specific iPSC-Derived Endothelial Cells Uncover Pathways that Protect against Pulmonary Hypertension in BMPR2 Mutation Carriers. Cell Stem Cell, 2017, 20, 490-504.e5.	11.1	163
6	Role of Tet1 and 5-hydroxymethylcytosine in cocaine action. Nature Neuroscience, 2015, 18, 536-544.	14.8	160
7	Comprehensive survey of human brain microRNA by deep sequencing. BMC Genomics, 2010, 11, 409.	2.8	142
8	Autologous iPSC-Based Vaccines Elicit Anti-tumor Responses In Vivo. Cell Stem Cell, 2018, 22, 501-513.e7.	11.1	125
9	Essential Role of SIRT1 Signaling in the Nucleus Accumbens in Cocaine and Morphine Action. Journal of Neuroscience, 2013, 33, 16088-16098.	3.6	113
10	A Human iPSC Double-Reporter System Enables Purification of Cardiac Lineage Subpopulations with Distinct Function and Drug Response Profiles. Cell Stem Cell, 2019, 24, 802-811.e5.	11.1	102
11	Analytical tools and current challenges in the modern era of neuroepigenomics. Nature Neuroscience, 2014, 17, 1476-1490.	14.8	100
12	SIRT1-FOXO3a Regulate Cocaine Actions in the Nucleus Accumbens. Journal of Neuroscience, 2015, 35, 3100-3111.	3.6	97
13	ACF chromatin-remodeling complex mediates stress-induced depressive-like behavior. Nature Medicine, 2015, 21, 1146-1153.	30.7	83
14	Tex10 Coordinates Epigenetic Control of Super-Enhancer Activity in Pluripotency and Reprogramming. Cell Stem Cell, 2015, 16, 653-668.	11.1	80
15	Elevated NSD3 histone methylation activity drives squamous cell lung cancer. Nature, 2021, 590, 504-508.	27.8	79
16	Effects of cellular origin on differentiation of human induced pluripotent stem cell-derived endothelial cells. JCI Insight, 2016, 1, .	5.0	75
17	Induced Pluripotent Stem Cell Model of Pulmonary Arterial Hypertension Reveals Novel Gene Expression and Patient Specificity. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 930-941.	5.6	72
18	Molecular and functional resemblance of differentiated cells derived from isogenic human iPSCs and SCNT-derived ESCs. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E11111-E11120.	7.1	68

#	ARTICLE	IF	CITATIONS
19	BRD4 regulates Nanog expression in mouse embryonic stem cells and preimplantation embryos. <i>Cell Death and Differentiation</i> , 2014, 21, 1950-1960.	11.2	67
20	Effects of Spaceflight on Human Induced Pluripotent Stem Cell-Derived Cardiomyocyte Structure and Function. <i>Stem Cell Reports</i> , 2019, 13, 960-969.	4.8	62
21	A Comprehensive TALEN-Based Knockout Library for Generating Human-Induced Pluripotent Stem Cell-Based Models for Cardiovascular Diseases. <i>Circulation Research</i> , 2017, 120, 1561-1571.	4.5	56
22	Comparison of Non-Coding RNAs in Exosomes and Functional Efficacy of Human Embryonic Stem Cell-versus Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Stem Cells</i> , 2017, 35, 2138-2149.	3.2	54
23	Essential role of poly(ADP-ribosyl)ation in cocaine action. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2005-2010.	7.1	52
24	BAZ1B in Nucleus Accumbens Regulates Reward-Related Behaviors in Response to Distinct Emotional Stimuli. <i>Journal of Neuroscience</i> , 2016, 36, 3954-3961.	3.6	38
25	SETD7 Drives Cardiac Lineage Commitment through Stage-Specific Transcriptional Activation. <i>Cell Stem Cell</i> , 2018, 22, 428-444.e5.	11.1	38
26	Calpain Inhibition Restores Autophagy and Prevents Mitochondrial Fragmentation in a Human iPSC Model of Diabetic Endotheliopathy. <i>Stem Cell Reports</i> , 2019, 12, 597-610.	4.8	36
27	Increased Pyruvate Dehydrogenase Kinase 4 Expression in Lung Pericytes Is Associated with Reduced Endothelial-Pericyte Interactions and Small Vessel Loss in Pulmonary Arterial Hypertension. <i>American Journal of Pathology</i> , 2016, 186, 2500-2514.	3.8	35
28	ALDH1A3 Coordinates Metabolism With Gene Regulation in Pulmonary Arterial Hypertension. <i>Circulation</i> , 2021, 143, 2074-2090.	1.6	34
29	Alloimmune Responses of Humanized Mice to Human Pluripotent Stem Cell Therapeutics. <i>Cell Reports</i> , 2017, 20, 1978-1990.	6.4	31
30	Subtype-specific cardiomyocytes for precision medicine: Where are we now?. <i>Stem Cells</i> , 2020, 38, 822-833.	3.2	24
31	Cell Type-Specific Chromatin Signatures Underline Regulatory DNA Elements in Human Induced Pluripotent Stem Cells and Somatic Cells. <i>Circulation Research</i> , 2017, 121, 1237-1250.	4.5	18
32	Transcriptome analysis of non human primate-induced pluripotent stem cell-derived cardiomyocytes in 2D monolayer culture vs. 3D engineered heart tissue. <i>Cardiovascular Research</i> , 2021, 117, 2125-2136.	3.8	12
33	Minimized glycemic fluctuation decreases the risk of severe illness and death in patients with COVID-19. <i>Journal of Medical Virology</i> , 2021, 93, 4060-4062.	5.0	12
34	Regulation of BAZ1A and nucleosome positioning in the nucleus accumbens in response to cocaine. <i>Neuroscience</i> , 2017, 353, 1-6.	2.3	11
35	The clinical and bioinformatics analysis for the role of antihypertension drugs on mortality among patients with hypertension hospitalized with COVID-19. <i>Journal of Medical Virology</i> , 2022, 94, 4727-4734.	5.0	7
36	Non-linear link between temperature difference and COVID-19: Excluding the effect of population density. <i>Journal of Infection in Developing Countries</i> , 2021, 15, 230-236.	1.2	4