

Yang Zhou

List of Publications by Year in descending order

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35
papers

1,779
citations

430754

18
h-index

454834

30
g-index

38
all docs

38
docs citations

38
times ranked

2772
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic comparison of 2A peptides for cloning multi-genes in a polycistronic vector. <i>Scientific Reports</i> , 2017, 7, 2193.	1.6	426
2	Bmi1 Is a Key Epigenetic Barrier to Direct Cardiac Reprogramming. <i>Cell Stem Cell</i> , 2016, 18, 382-395.	5.2	186
3	Single-cell transcriptomics reconstructs fate conversion from fibroblast to cardiomyocyte. <i>Nature</i> , 2017, 551, 100-104.	13.7	168
4	Epigenetic Perturbations by Arg882-Mutated DNMT3A Potentiate Aberrant Stem Cell Gene-Expression Program and Acute Leukemia Development. <i>Cancer Cell</i> , 2016, 30, 92-107.	7.7	130
5	The hominoid-specific gene TBC1D3 promotes generation of basal neural progenitors and induces cortical folding in mice. <i>ELife</i> , 2016, 5, .	2.8	126
6	Re-patterning of H3K27me3, H3K4me3 and DNA methylation during fibroblast conversion into induced cardiomyocytes. <i>Stem Cell Research</i> , 2016, 16, 507-518.	0.3	99
7	Single-Cell Transcriptomic Analyses of Cell Fate Transitions during Human Cardiac Reprogramming. <i>Cell Stem Cell</i> , 2019, 25, 149-164.e9.	5.2	87
8	Cyclin D2 Overexpression Enhances the Efficacy of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes for Myocardial Repair in a Swine Model of Myocardial Infarction. <i>Circulation</i> , 2021, 144, 210-228.	1.6	61
9	Comparative Gene Expression Analyses Reveal Distinct Molecular Signatures between Differentially Reprogrammed Cardiomyocytes. <i>Cell Reports</i> , 2017, 20, 3014-3024.	2.9	54
10	Deciphering Role of Wnt Signalling in Cardiac Mesoderm and Cardiomyocyte Differentiation from Human iPSCs: Four-dimensional control of Wnt pathway for hiPSC-CMs differentiation. <i>Scientific Reports</i> , 2019, 9, 19389.	1.6	49
11	Ly-1 Antibody Reactive Clone Is an Important Nucleolar Protein for Control of Self-Renewal and Differentiation in Embryonic Stem Cells. <i>Stem Cells</i> , 2009, 27, 1244-1254.	1.4	41
12	MicroRNA-195 targets ADP-ribosylation factor-like protein 2 to induce apoptosis in human embryonic stem cell-derived neural progenitor cells. <i>Cell Death and Disease</i> , 2013, 4, e695-e695.	2.7	41
13	Down-regulation of Beclin1 promotes direct cardiac reprogramming. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	41
14	Improved Generation of Induced Cardiomyocytes Using a Polycistronic Construct Expressing Optimal Ratio of Gata4, Mef2c and Tbx5. <i>Journal of Visualized Experiments</i> , 2015, .	0.2	29
15	Changes in Cardiomyocyte Cell Cycle and Hypertrophic Growth During Fetal to Adult in Mammals. <i>Journal of the American Heart Association</i> , 2021, 10, e017839.	1.6	26
16	Cardiac Fibroblasts and Myocardial Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 599928.	2.0	26
17	A Loss of Function Screen of Epigenetic Modifiers and Splicing Factors during Early Stage of Cardiac Reprogramming. <i>Stem Cells International</i> , 2018, 2018, 1-14.	1.2	25
18	Functional interrogation of HOXA9 regulome in MLLr leukemia via reporter-based CRISPR/Cas9 screen. <i>ELife</i> , 2020, 9, .	2.8	25

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19	Apical Resection Prolongs the Cell Cycle Activity and Promotes Myocardial Regeneration After Left Ventricular Injury in Neonatal Pig. <i>Circulation</i> , 2020, 142, 913-916.	1.6	21
20	Generation of an inducible fibroblast cell line for studying direct cardiac reprogramming. <i>Genesis</i> , 2016, 54, 398-406.	0.8	18
21	Inhibition of EZH2 primes the cardiac gene activation via removal of epigenetic repression during human direct cardiac reprogramming. <i>Stem Cell Research</i> , 2021, 53, 102365.	0.3	18
22	SOX21 Ensures Rostral Forebrain Identity by Suppression of WNT8B during Neural Regionalization of Human Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2019, 13, 1038-1052.	2.3	13
23	miR-199a Overexpression Enhances the Potency of Human Induced-Pluripotent Stem-Cell-Derived Cardiomyocytes for Myocardial Repair. <i>Frontiers in Pharmacology</i> , 2021, 12, 673621.	1.6	12
24	Transcription factor MEF2D is required for the maintenance of MLL-rearranged acute myeloid leukemia. <i>Blood Advances</i> , 2021, 5, 4727-4740.	2.5	12
25	An Optimized Protocol for Human Direct Cardiac Reprogramming. <i>STAR Protocols</i> , 2020, 1, 100010.	0.5	11
26	Single Nucleus Transcriptomics: Apical Resection in Newborn Pigs Extends the Time Window of Cardiomyocyte Proliferation and Myocardial Regeneration. <i>Circulation</i> , 2022, 145, 1744-1747.	1.6	11
27	TT-10-loaded nanoparticles promote cardiomyocyte proliferation and cardiac repair in a mouse model of myocardial infarction. <i>JCI Insight</i> , 2021, 6, .	2.3	8
28	Single-Cell Transcriptomics. <i>Circulation</i> , 2020, 141, 1720-1723.	1.6	6
29	Cardiomyocyte Cell-Cycle Regulation in Neonatal Large Mammals: Single Nucleus RNA-Sequencing Data Analysis via an Artificial-Intelligence-Based Pipeline. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	5
30	Differentiation of Human Embryonic Stem Cells into Neural Lineage Cells. <i>Stem Cells and Cancer Stem Cells</i> , 2012, , 229-239.	0.1	1
31	Epigenomic Reprogramming in Cardiovascular Disease. , 2019, , 149-163.		1
32	Abstract 103: TBX20 Activates Cardiac Maturation Gene Programs Promoting Direct Human Cardiac Reprogramming. <i>Circulation Research</i> , 2020, 127, .	2.0	1
33	Advanced Technologies Lead into New Reprogramming Routes. <i>Cell Stem Cell</i> , 2016, 19, 286-288.	5.2	0
34	Abstract 35: Enhanced Reprogramming of Human Fibroblasts into Cardiomyocytes Using Minimal Transcription Factors. <i>Circulation Research</i> , 2016, 119, .	2.0	0
35	Abstract 442: Epigenetic Regulation of Ezh2 in Direct Human Cardiac Reprogramming. <i>Circulation Research</i> , 2020, 127, .	2.0	0