

Yu Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,284
citations

516710

16
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

4332
citing authors

#	ARTICLE	IF	CITATIONS
1	Small Molecules Enhance CRISPR Genome Editing in Pluripotent Stem Cells. <i>Cell Stem Cell</i> , 2015, 16, 142-147.	11.1	372
2	Rapid induction and long-term self-renewal of primitive neural precursors from human embryonic stem cells by small molecule inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8299-8304.	7.1	358
3	Conversion of human fibroblasts into functional cardiomyocytes by small molecules. <i>Science</i> , 2016, 352, 1216-1220.	12.6	316
4	Metabolic control of TH17 and induced Treg cell balance by an epigenetic mechanism. <i>Nature</i> , 2017, 548, 228-233.	27.8	252
5	Small Molecules Enable Cardiac Reprogramming of Mouse Fibroblasts with a Single Factor, Oct4. <i>Cell Reports</i> , 2014, 6, 951-960.	6.4	149
6	Small molecules, big roles – the chemical manipulation of stem cell fate and somatic cell reprogramming. <i>Journal of Cell Science</i> , 2012, 125, 5609-5620.	2.0	142
7	Zebrafish Dpr2 Inhibits Mesoderm Induction by Promoting Degradation of Nodal Receptors. <i>Science</i> , 2004, 306, 114-117.	12.6	124
8	Small Molecules Facilitate the Reprogramming of Mouse Fibroblasts into Pancreatic Lineages. <i>Cell Stem Cell</i> , 2014, 14, 228-236.	11.1	116
9	Expandable Cardiovascular Progenitor Cells Reprogrammed from Fibroblasts. <i>Cell Stem Cell</i> , 2016, 18, 368-381.	11.1	115
10	Small molecules enable OCT4-mediated direct reprogramming into expandable human neural stem cells. <i>Cell Research</i> , 2014, 24, 126-129.	12.0	110
11	Network-based screen in iPSC-derived cells reveals therapeutic candidate for heart valve disease. <i>Science</i> , 2021, 371, .	12.6	53
12	Brown Adipogenic Reprogramming Induced by a Small Molecule. <i>Cell Reports</i> , 2017, 18, 624-635.	6.4	48
13	Diagnostic Value of Nucleocapsid Protein in Blood for SARS-CoV-2 Infection. <i>Clinical Chemistry</i> , 2021, 68, 240-248.	3.2	37
14	Rock2 controls TGF β 2 signaling and inhibits mesoderm induction in zebrafish embryos. <i>Journal of Cell Science</i> , 2009, 122, 2197-2207.	2.0	30
15	Araf kinase antagonizes Nodal-Smad2 activity in mesendoderm development by directly phosphorylating the Smad2 linker region. <i>Nature Communications</i> , 2013, 4, 1728.	12.8	28
16	Interruption of cenph Causes Mitotic Failure and Embryonic Death, and Its Haploinsufficiency Suppresses Cancer in Zebrafish. <i>Journal of Biological Chemistry</i> , 2010, 285, 27924-27934.	3.4	21
17	Extracellular vesicles released in blood of COVID-19 patients: mechanism for detection of cardiac troponin after myocardial injury?. <i>Biomarkers</i> , 2020, 25, 613-615.	1.9	7
18	Application of a high-resolution benchtop quadrupole-Orbitrap mass spectrometry for the pharmacokinetics and tissue distribution of Danhong injection in guinea pig. <i>International Journal of Mass Spectrometry</i> , 2016, 397-398, 32-41.	1.5	6