

# Saiyong Zhu

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

6,410  
citations

361413

20  
h-index

552781

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

8448  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human expandable pancreatic progenitor-derived $\beta$ cells ameliorate diabetes. <i>Science Advances</i> , 2022, 8, eabk1826.	10.3	24
2	N6-methyladenosine modification-mediated mRNA metabolism is essential for human pancreatic lineage specification and islet organogenesis. <i>Nature Communications</i> , 2022, 13, .	12.8	7
3	Inhibition of Syk promotes chemical reprogramming of fibroblasts via metabolic rewiring and H <sub>2</sub> S production. <i>EMBO Journal</i> , 2021, 40, e106771.	7.8	15
4	Construction of a human cell landscape at single-cell level. <i>Nature</i> , 2020, 581, 303-309.	27.8	695
5	Recent advances and potential applications of human pluripotent stem cell-derived $\beta$ cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 708-715.	2.0	6
6	Conversion of mouse fibroblasts into oligodendrocyte progenitor-like cells through a chemical approach. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 489-495.	3.3	18
7	Small molecules promote CRISPR-Cpf1-mediated genome editing in human pluripotent stem cells. <i>Nature Communications</i> , 2018, 9, 1303.	12.8	52
8	Reprogramming cell fates by small molecules. <i>Protein and Cell</i> , 2017, 8, 328-348.	11.0	82
9	Metabolic control of TH17 and induced Treg cell balance by an epigenetic mechanism. <i>Nature</i> , 2017, 548, 228-233.	27.8	252
10	Chemical strategies for pancreatic $\beta$ cell differentiation, reprogramming, and regeneration. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 289-301.	2.0	16
11	Pharmacological Reprogramming of Fibroblasts into Neural Stem Cells by Signaling-Directed Transcriptional Activation. <i>Cell Stem Cell</i> , 2016, 18, 653-667.	11.1	162
12	Human pancreatic beta-like cells converted from fibroblasts. <i>Nature Communications</i> , 2016, 7, 10080.	12.8	119
13	Reprogramming fibroblasts toward cardiomyocytes, neural stem cells and hepatocytes by cell activation and signaling-directed lineage conversion. <i>Nature Protocols</i> , 2015, 10, 959-973.	12.0	46
14	Mouse liver repopulation with hepatocytes generated from human fibroblasts. <i>Nature</i> , 2014, 508, 93-97.	27.8	232
15	Small molecules enable OCT4-mediated direct reprogramming into expandable human neural stem cells. <i>Cell Research</i> , 2014, 24, 126-129.	12.0	110
16	Small Molecules Facilitate the Reprogramming of Mouse Fibroblasts into Pancreatic Lineages. <i>Cell Stem Cell</i> , 2014, 14, 228-236.	11.1	116
17	Generation of Retinal Pigment Epithelial Cells from Small Molecules and <i>OCT4</i> Reprogrammed Human Induced Pluripotent Stem Cells. <i>Stem Cells Translational Medicine</i> , 2012, 1, 96-109.	3.3	83
18	Chemical Strategies for Stem Cell Biology and Regenerative Medicine. <i>Annual Review of Biomedical Engineering</i> , 2011, 13, 73-90.	12.3	61

#	ARTICLE	IF	CITATIONS
19	Direct Reprogramming of Adult Human Fibroblasts to Functional Neurons under Defined Conditions. <i>Cell Stem Cell</i> , 2011, 9, 113-118.	11.1	460
20	Direct reprogramming of mouse fibroblasts to neural progenitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7838-7843.	7.1	555
21	Brief Report: Combined Chemical Treatment Enables <i>Oct4</i> -Induced Reprogramming from Mouse Embryonic Fibroblasts. <i>Stem Cells</i> , 2011, 29, 549-553.	3.2	121
22	Conversion of Mouse Epiblast Stem Cells to an Earlier Pluripotency State by Small Molecules. <i>Journal of Biological Chemistry</i> , 2010, 285, 29676-29680.	3.4	107
23	Reprogramming of Human Primary Somatic Cells by OCT4 and Chemical Compounds. <i>Cell Stem Cell</i> , 2010, 7, 651-655.	11.1	602
24	Generation of Human-Induced Pluripotent Stem Cells in the Absence of Exogenous <i>Sox2</i> . <i>Stem Cells</i> , 2009, 27, 2992-3000.	3.2	297
25	Generation of Rat and Human Induced Pluripotent Stem Cells by Combining Genetic Reprogramming and Chemical Inhibitors. <i>Cell Stem Cell</i> , 2009, 4, 16-19.	11.1	520
26	Generation of Induced Pluripotent Stem Cells Using Recombinant Proteins. <i>Cell Stem Cell</i> , 2009, 4, 381-384.	11.1	1,652