Sheng Ding

List of Publications by Year in Descending Order

45 papers	6,704 citations	32 h-index	46 g-index
46 ext. papers	7,540 ext. citations	14.6 avg, IF	5.45 L-index

#	Paper	IF	Citations
45	YAP1-Mediated CDK6 Activation Confers Radiation Resistance in Esophageal Cancer - Rationale for the Combination of YAP1 and CDK4/6 Inhibitors in Esophageal Cancer. *Clinical Cancer Research*, **2019**, 25, 2264-2277	12.9	34
44	Conversion of mouse fibroblasts into oligodendrocyte progenitor-like cells through a chemical approach. *Journal of Molecular Cell Biology*, **2019**, 11, 489-495	6.3	13
43	Bone-targeted delivery of TGF-β type 1 receptor inhibitor rescues uncoupled bone remodeling in Camurati-Engelmann disease. *Annals of the New York Academy of Sciences*, **2018**, 1433, 29-40	6.5	9
42	A Novel YAP1 Inhibitor Targets CSC-Enriched Radiation-Resistant Cells and Exerts Strong Antitumor Activity in Esophageal Adenocarcinoma. *Molecular Cancer Therapeutics*, **2018**, 17, 443-454	6.1	75
41	Galectin-3 expression is prognostic in diffuse type gastric adenocarcinoma, confers aggressive phenotype, and can be targeted by YAP1/BET inhibitors. *British Journal of Cancer*, **2018**, 118, 52-61	8.7	11
40	Brown Adipogenic Reprogramming Induced by a Small Molecule. *Cell Reports*, **2017**, 18, 624-635	10.6	34
39	Pyrintegrin Induces Soft Tissue Formation by Transplanted or Endogenous Cells. *Scientific Reports*, **2017**, 7, 36402	4.9	6
38	Pharmacological Reprogramming of Somatic Cells for Regenerative Medicine. *Accounts of Chemical Research*, **2017**, 50, 1202-1211	24.3	11
37	Scalable Production of iPSC-Derived Human Neurons to Identify Tau-Lowering Compounds by High-Content Screening. *Stem Cell Reports*, **2017**, 9, 1221-1233	8	117
36	Visualization and Quantification of Browning Using a Ucp1-2A-Luciferase Knock-in Mouse Model. *Diabetes*, **2017**, 66, 407-417	0.9	27
35	Chemical Enhancement of In Vitro and In Vivo Direct Cardiac Reprogramming. *Circulation*, **2017**, 135, 978-995	16.7	142
34	Spontaneous and specific chemical cross-linking in live cells to capture and identify protein interactions. *Nature Communications*, **2017**, 8, 2240	17.4	45
33	Small molecule Photoregulin3 prevents retinal degeneration in the mouse model of retinitis pigmentosa. *ELife*, **2017**, 6,	8.9	5
32	Patient-Specific Induced Pluripotent Stem Cells for Disease Modeling and Phenotypic Drug Discovery. *Journal of Medicinal Chemistry*, **2016**, 59, 2-15	8.3	24
31	Harmine Induces Adipocyte Thermogenesis through RAC1-MEK-ERK-CHD4 Axis. *Scientific Reports*, **2016**, 6, 36382	4.9	11
30	Human pancreatic beta-like cells converted from fibroblasts. *Nature Communications*, **2016**, 7, 10080	17.4	81
29	Halofuginone attenuates osteoarthritis by inhibition of TGF-β activity and H-type vessel formation in subchondral bone. *Annals of the Rheumatic Diseases*, **2016**, 75, 1714-21	2.4	113

28	TGF-β Signaling in Stem Cell Regulation. *Methods in Molecular Biology*, **2016**, 1344, 137-45	1.4	11
27	Potential of Small Molecule-Mediated Reprogramming of Rod Photoreceptors to Treat Retinitis Pigmentosa **2016**, 57, 6407-6415		11
26	Expandable Cardiovascular Progenitor Cells Reprogrammed from Fibroblasts. *Cell Stem Cell*, **2016**, 18, 368-81	18	92
25	Pharmacological Reprogramming of Fibroblasts into Neural Stem Cells by Signaling-Directed Transcriptional Activation. *Cell Stem Cell*, **2016**, 18, 653-67	18	127
24	Conversion of human fibroblasts into functional cardiomyocytes by small molecules. *Science*, **2016**, 352, 1216-20	33.3	233
23	Chemical Modulation of Cell Fate in Stem Cell Therapeutics and Regenerative Medicine. *Cell Chemical Biology*, **2016**, 23, 893-916	8.2	32
22	Conversion of non-adipogenic fibroblasts into adipocytes by a defined hormone mixture. *Biochemical Journal*, **2015**, 467, 487-94	3.8	4
21	Atg5-independent autophagy regulates mitochondrial clearance and is essential for iPSC reprogramming. *Nature Cell Biology*, **2015**, 17, 1379-87	23.4	118
20	Reprogramming fibroblasts toward cardiomyocytes, neural stem cells and hepatocytes by cell activation and signaling-directed lineage conversion. *Nature Protocols*, **2015**, 10, 959-73	18.8	42
19	Small molecules enhance CRISPR genome editing in pluripotent stem cells. *Cell Stem Cell*, **2015**, 16, 142-7	18	303
18	Mouse liver repopulation with hepatocytes generated from human fibroblasts. *Nature*, **2014**, 508, 93-7	50.4	197
17	Small molecules enable OCT4-mediated direct reprogramming into expandable human neural stem cells. *Cell Research*, **2014**, 24, 126-9	24.7	93
16	Small molecules for cell reprogramming and heart repair: progress and perspective. *ACS Chemical Biology*, **2014**, 9, 34-44	4.9	19
15	Translational strategies and challenges in regenerative medicine. *Nature Medicine*, **2014**, 20, 814-21	50.5	127
14	Small molecules facilitate the reprogramming of mouse fibroblasts into pancreatic lineages. *Cell Stem Cell*, **2014**, 14, 228-36	18	98
13	Chem-seq permits identification of genomic targets of drugs against androgen receptor regulation selected by functional phenotypic screens. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 9235-40	11.5	46
12	Chemical approaches to cell reprogramming. *Current Opinion in Genetics and Development*, **2014**, 28, 50-56	4.9	38
11	Small molecules enable cardiac reprogramming of mouse fibroblasts with a single factor, Oct4. *Cell Reports*, **2014**, 6, 951-60	10.6	132

10	Conversion of human fibroblasts to functional endothelial cells by defined factors. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 1366-75	9.4	97
9	Direct reprogramming of adult human fibroblasts to functional neurons under defined conditions. *Cell Stem Cell*, **2011**, 9, 113-8	18	406
8	Direct reprogramming of mouse fibroblasts to neural progenitors. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 7838-43	11.5	492
7	Conversion of mouse fibroblasts into cardiomyocytes using a direct reprogramming strategy. *Nature Cell Biology*, **2011**, 13, 215-22	23.4	516
6	Brief report: combined chemical treatment enables Oct4-induced reprogramming from mouse embryonic fibroblasts. *Stem Cells*, **2011**, 29, 549-53	5.8	111
5	Reprogramming of human primary somatic cells by OCT4 and chemical compounds. *Cell Stem Cell*, **2010**, 7, 651-5	18	525
4	Generation of human-induced pluripotent stem cells in the absence of exogenous Sox2. *Stem Cells*, **2009**, 27, 2992-3000	5.8	260
3	A chemical platform for improved induction of human iPSCs. *Nature Methods*, **2009**, 6, 805-8	21.6	483
2	A combined chemical and genetic approach for the generation of induced pluripotent stem cells. *Cell Stem Cell*, **2008**, 2, 525-8	18	601
1	Induction of pluripotent stem cells from mouse embryonic fibroblasts by Oct4 and Klf4 with small-molecule compounds. *Cell Stem Cell*, **2008**, 3, 568-74	18	731