Rui Zhao

List of Publications by Year
in descending order

22 papers	4,259 citations	759233 12 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	6284 citing authors

#	Article	IF	Citations
1	Reprogramming of human somatic cells to pluripotency with defined factors. Nature, 2008, 451, 141-146.	27.8	2,670
2	Donor cell type can influence the epigenome and differentiation potential of human induced pluripotent stem cells. Nature Biotechnology, 2011, 29, 1117-1119.	17.5	547
3	Generation of human-induced pluripotent stem cells. Nature Protocols, 2008, 3, 1180-1186.	12.0	348
4	Injury Induces Direct Lineage Segregation of Functionally Distinct Airway Basal Stem/Progenitor Cell Subpopulations. Cell Stem Cell, 2015, 16, 184-197.	11.1	182
5	From fibroblasts to iPS cells: Induced pluripotency by defined factors. Journal of Cellular Biochemistry, 2008, 105, 949-955.	2.6	106
6	The Epithelial-Mesenchymal Transition Factor SNAIL Paradoxically Enhances Reprogramming. Stem Cell Reports, 2014, 3, 691-698.	4.8	75
7	Entropy-based consensus clustering for patient stratification. Bioinformatics, 2017, 33, 2691-2698.	4.1	73
8	The Regulation of rRNA Gene Transcription during Directed Differentiation of Human Embryonic Stem Cells. PLoS ONE, 2016, 11, e0157276.	2.5	46
9	Biological Significance of the Suppression of Oxidative Phosphorylation in Induced Pluripotent Stem Cells. Cell Reports, 2017, 21, 2058-2065.	6.4	37
10	A nontranscriptional role for Oct4 in the regulation of mitotic entry. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15768-15773.	7.1	35
11	ZSCAN10 expression corrects the genomic instability of iPSCs from aged donors. Nature Cell Biology, 2017, 19, 1037-1048.	10.3	35
12	Canonical MicroRNA Activity Facilitates but May Be Dispensable for Transcription Factor-Mediated Reprogramming. Stem Cell Reports, 2015, 5, 1119-1127.	4.8	16
13	Role of succinate dehydrogenase deficiency and oncometabolites in gastrointestinal stromal tumors. World Journal of Gastroenterology, 2020, 26, 5074-5089.	3.3	15
14	Canonical microRNAs Enable Differentiation, Protect Against DNA Damage, and Promote Cholesterol Biosynthesis in Neural Stem Cells. Stem Cells and Development, 2017, 26, 177-188.	2.1	13
15	Generation of HEXA -deficient hiPSCs from fibroblasts of a Tay-Sachs disease patient. Stem Cell Research, 2016, 17, 289-291.	0.7	12
16	RNA Exosome Complex-Mediated Control of Redox Status in Pluripotent Stem Cells. Stem Cell Reports, 2017, 9, 1053-1061.	4.8	12
17	Elevated p53 Activities Restrict Differentiation Potential of MicroRNA-Deficient Pluripotent Stem Cells. Stem Cell Reports, 2017, 9, 1604-1617.	4.8	12
18	Characterization of iPSCs derived from low grade gliomas revealed early regional chromosomal amplifications during gliomagenesis. Journal of Neuro-Oncology, 2019, 141, 289-301.	2.9	11

#	Article	IF	Citations
19	Neuronal Wiskottâ€Aldrich syndrome protein regulates Pseudomonas aeruginosa â€induced lung vascular permeability through the modulation of actin cytoskeletal dynamics. FASEB Journal, 2020, 34, 3305-3317.	0.5	8
20	Generation of inducible pluripotent stem cell lines from Alzheimerâ€™s disease patients with APOE e3/e3 genotype. Stem Cell Research, 2021, 55, 102498.	0.7	2
21	Reprogramming of Pluripotency-Specific microRNA Signatures Is Not Essential to Generate Inducible Pluripotent Stem Cells. Cellular Reprogramming, 2020, 22, 1-2.	0.9	1
22	Small regulators making big impacts: regulation of neural stem cells by small non-coding RNAs. Neural Regeneration Research, 2017, 12, 397.	3.0	1