Yen-Sin Ang

List of Publications by Year
in descending order

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20 papers	5,618 citations	430874 18 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	9882 citing authors

#	Article	IF	Citations
1	A Pattern-Based Method for the Identification of MicroRNA Binding Sites and Their Corresponding Heteroduplexes. Cell, 2006, 126, 1203-1217.	28.9	1,827
2	Patient-specific induced pluripotent stem-cell-derived models of LEOPARD syndrome. Nature, 2010, 465, 808-812.	27.8	672
3	Reciprocal Transcriptional Regulation of Pou5f1 and Sox2 via the Oct4/Sox2 Complex in Embryonic Stem Cells. Molecular and Cellular Biology, 2005, 25, 6031-6046.	2.3	599
4	Wdr5 Mediates Self-Renewal and Reprogramming via the Embryonic Stem Cell Core Transcriptional Network. Cell, 2011, 145, 183-197.	28.9	521
5	Contractility of single cardiomyocytes differentiated from pluripotent stem cells depends on physiological shape and substrate stiffness. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12705-12710.	7.1	398
6	MicroRNA-134 Modulates the Differentiation of Mouse Embryonic Stem Cells, Where It Causes Post-Transcriptional Attenuation of Nanog and LRH1. Stem Cells, 2008, 26, 17-29.	3.2	213
7	Disease Model of GATA4 Mutation Reveals Transcription Factor Cooperativity in Human Cardiogenesis. Cell, 2016, 167, 1734-1749.e22.	28.9	195
8	Chemical Enhancement of In Vitro and In Vivo Direct Cardiac Reprogramming. Circulation, 2017, 135, 978-995.	1.6	193
9	T-Cell Factor 3 Regulates Embryonic Stem Cell Pluripotency and Self-Renewal by the Transcriptional Control of Multiple Lineage Pathways. Stem Cells, 2008, 26, 2019-2031.	3.2	167
10	Regulation of Embryonic and Induced Pluripotency by Aurora Kinase-p53 Signaling. Cell Stem Cell, 2012, 11, 179-194.	11.1	142
11	Smarcc1/Baf155 Couples Self-Renewal Gene Repression with Changes in Chromatin Structure in Mouse Embryonic Stem Cells. Stem Cells, 2009, 27, 2979-2991.	3.2	127
12	Oct4 and Klf4 Reprogram Dermal Papilla Cells into Induced Pluripotent Stem Cells. Stem Cells, 2010, 28, 221-228.	3.2	125
13	Multi-Imaging Method to Assay the Contractile Mechanical Output of Micropatterned Human iPSC-Derived Cardiac Myocytes. Circulation Research, 2017, 120, 1572-1583.	4.5	95
14	Construction and Validation of a Regulatory Network for Pluripotency and Self-Renewal of Mouse Embryonic Stem Cells. PLoS Computational Biology, 2014, 10, e1003777.	3.2	88
15	Single Transcription Factor Reprogramming of Hair Follicle Dermal Papilla Cells to Induced Pluripotent Stem Cells. Stem Cells, 2011, 29, 964-971.	3.2	84
16	Zfp281 Functions as a Transcriptional Repressor for Pluripotency of Mouse Embryonic Stem Cells. Stem Cells, 2011, 29, 1705-1716.	3.2	79
17	Stem cells and reprogramming: breaking the epigenetic barrier?. Trends in Pharmacological Sciences, 2011, 32, 394-401.	8.7	49
18	The molecular basis of ageing in stem cells. Mechanisms of Ageing and Development, 2007, 128, 137-148.	4.6	24

#	Article	IF	Citations
19	Genomic Integrity Safeguards Self-Renewal in Embryonic Stem Cells. Cell Reports, 2019, 28, 1400-1409.e4.	6.4	15
20	Oxygen. Circulation Research, 2014, 115, 824-825.	4.5	5