Keisuke Okita

List of Publications by Citations

36 papers	15,260 citations	24 h-index	40 g-index
40 ext. papers	17,007 ext. citations	15.2 avg, IF	6.29 L-index

#	Paper	IF	Citations
36	Generation of germline-competent induced pluripotent stem cells. *Nature*, **2007**, 448, 313-7	50.4	3548
35	Generation of induced pluripotent stem cells without Myc from mouse and human fibroblasts. *Nature Biotechnology*, **2008**, 26, 101-6	44.5	2239
34	Generation of mouse induced pluripotent stem cells without viral vectors. *Science*, **2008**, 322, 949-53	33.3	1595
33	A more efficient method to generate integration-free human iPS cells. *Nature Methods*, **2011**, 8, 409-12	21.6	1358
32	Suppression of induced pluripotent stem cell generation by the p53-p21 pathway. *Nature*, **2009**, 460, 1132-5	50.4	1073
31	Generation of pluripotent stem cells from adult mouse liver and stomach cells. *Science*, **2008**, 321, 699-702	33.3	841
30	Induction of pluripotent stem cells from fibroblast cultures. *Nature Protocols*, **2007**, 2, 3081-9	18.8	822
29	Variation in the safety of induced pluripotent stem cell lines. *Nature Biotechnology*, **2009**, 27, 743-5	44.5	702
28	Modeling Alzheimer's disease with iPSCs reveals stress phenotypes associated with intracellular A and differential drug responsiveness. *Cell Stem Cell*, **2013**, 12, 487-96	18	539
27	An efficient nonviral method to generate integration-free human-induced pluripotent stem cells from cord blood and peripheral blood cells. *Stem Cells*, **2013**, 31, 458-66	5.8	451
26	Drug screening for ALS using patient-specific induced pluripotent stem cells. *Science Translational Medicine*, **2012**, 4, 145ra104	17.5	390
25	Donor-dependent variations in hepatic differentiation from human-induced pluripotent stem cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 12538-43	11.5	231
24	Targeted Disruption of HLA Genes via CRISPR-Cas9 Generates iPSCs with Enhanced Immune Compatibility. *Cell Stem Cell*, **2019**, 24, 566-578.e7	18	206
23	Direct comparison of autologous and allogeneic transplantation of iPSC-derived neural cells in the brain of a non-human primate. *Stem Cell Reports*, **2013**, 1, 283-92	8	196
22	Generation of mouse-induced pluripotent stem cells with plasmid vectors. *Nature Protocols*, **2010**, 5, 418-28	18.8	174
21	Differentiation-defective phenotypes revealed by large-scale analyses of human pluripotent stem cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 20569-74	11.5	159
20	Epigenetic Variation between Human Induced Pluripotent Stem Cell Lines Is an Indicator of Differentiation Capacity. *Cell Stem Cell*, **2016**, 19, 341-54	18	127

19	MHC matching improves engraftment of iPSC-derived neurons in non-human primates. *Nature Communications*, **2017**, 8, 385	17.4	116
18	Induced Pluripotent Stem Cells and Their Use in Human Models of Disease and Development. *Physiological Reviews*, **2019**, 99, 79-114	47.9	111
17	Intracellular signaling pathways regulating pluripotency of embryonic stem cells. *Current Stem Cell Research and Therapy*, **2006**, 1, 103-11	3.6	92
16	Induction of pluripotency by defined factors. *Experimental Cell Research*, **2010**, 316, 2565-70	4.2	66
15	Epigenetic regulation of the nuclear-coded GCAT and SHMT2 genes confers human age-associated mitochondrial respiration defects. *Scientific Reports*, **2015**, 5, 10434	4.9	60
14	Clonal variation of human induced pluripotent stem cells for induction into the germ cell fate. *Biology of Reproduction*, **2017**, 96, 1154-1166	3.9	31
13	KLF4 N-terminal variance modulates induced reprogramming to pluripotency. *Stem Cell Reports*, **2015**, 4, 727-43	8	27
12	Human and mouse induced pluripotent stem cells are differentially reprogrammed in response to kinase inhibitors. *Stem Cells and Development*, **2012**, 21, 1287-98	4.4	20
11	Srf destabilizes cellular identity by suppressing cell-type-specific gene expression programs. *Nature Communications*, **2018**, 9, 1387	17.4	18
10	Methods for iPS cell generation for basic research and clinical applications. *Biotechnology Journal*, **2012**, 7, 789-97	5.6	16
9	A novel ADPKD model using kidney organoids derived from disease-specific human iPSCs. *Biochemical and Biophysical Research Communications*, **2020**, 529, 1186-1194	3.4	15
8	Generation and characterization of induced pluripotent stem cells from Aid-deficient mice. *PLoS ONE*, **2014**, 9, e94735	3.7	14
7	Transcriptional Analysis of Intravenous Immunoglobulin Resistance in Kawasaki Disease Using an Induced Pluripotent Stem Cell Disease Model. *Circulation Journal*, **2016**, 81, 110-118	2.9	10
6	iPS cells for transplantation. *Current Opinion in Organ Transplantation*, **2011**, 16, 96-100	2.5	7
5	Screening of Human cDNA Library Reveals Two differentiation-Related Genes, HHEX and HLX, as Promoters of Early Phase Reprogramming toward Pluripotency. *Stem Cells*, **2016**, 34, 2661-2669	5.8	4
4	Pluripotent stem cell model of Shwachman-Diamond syndrome reveals apoptotic predisposition of hemoangiogenic progenitors. *Scientific Reports*, **2020**, 10, 14859	4.9	1
3	Inherent genomic properties underlie the epigenomic heterogeneity of human induced pluripotent stem cells. *Cell Reports*, **2021**, 37, 109909	10.6	0
2	Induced Pluripotent Stem Cells **2013**, 197-218		

1 Establishment and Characterization of Induced Pluripotent (iPS) Stem Cells Derived from Immortalized B Cells of Cardiac Channelopathy Patients. *Nihon Shoni Junkanki Gakkai Zasshi = Pediatric Cardiology and Cardiac Surgery*, **2015**, 31, 313-319 0