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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

306 papers	29,847 citations	82 h-index	168 g-index
335 ext. papers	32,941 ext. citations	11.2 avg, IF	6.83 L-index

#	Paper	IF	Citations
306	Formation of pluripotent stem cells in the mammalian embryo depends on the POU transcription factor Oct4. <i>Cell</i> , 1998 , 95, 379-91	56.2	2713
305	Generation of induced pluripotent stem cells using recombinant proteins. <i>Cell Stem Cell</i> , 2009 , 4, 381-4	18	1469
304	Derivation of oocytes from mouse embryonic stem cells. <i>Science</i> , 2003 , 300, 1251-6	33.3	868
303	Pluripotent stem cells induced from adult neural stem cells by reprogramming with two factors. <i>Nature</i> , 2008 , 454, 646-50	50.4	803
302	Oct4-induced pluripotency in adult neural stem cells. <i>Cell</i> , 2009 , 136, 411-9	56.2	773
301	Induction of pluripotent stem cells from mouse embryonic fibroblasts by Oct4 and Klf4 with small-molecule compounds. <i>Cell Stem Cell</i> , 2008 , 3, 568-74	18	731
300	New type of POU domain in germ line-specific protein Oct-4. <i>Nature</i> , 1990 , 344, 435-9	50.4	667
299	Oct-4: gatekeeper in the beginnings of mammalian development. <i>Stem Cells</i> , 2001 , 19, 271-8	5.8	644
298	A combined chemical and genetic approach for the generation of induced pluripotent stem cells. <i>Cell Stem Cell</i> , 2008 , 2, 525-8	18	601
297	Direct reprogramming of human neural stem cells by OCT4. <i>Nature</i> , 2009 , 461, 649-3	50.4	561
296	Regulatory networks in embryo-derived pluripotent stem cells. <i>Nature Reviews Molecular Cell Biology</i> , 2005 , 6, 872-84	48.7	544
295	Oct-4 transcription factor is differentially expressed in the mouse embryo during establishment of the first two extraembryonic cell lineages involved in implantation. <i>Developmental Biology</i> , 1994 , 166, 259-67	3.1	507
294	Oct4 is required for primordial germ cell survival. <i>EMBO Reports</i> , 2004 , 5, 1078-83	6.5	451
293	Direct reprogramming of fibroblasts into neural stem cells by defined factors. <i>Cell Stem Cell</i> , 2012 , 10, 465-72	18	441
292	Differential expression of the Oct-4 transcription factor during mouse germ cell differentiation. <i>Mechanisms of Development</i> , 1998 , 71, 89-98	1.7	414
291	Oct4 distribution and level in mouse clones: consequences for pluripotency. <i>Genes and Development</i> , 2002 , 16, 1209-19	12.6	401
290	Genetic correction of a LRRK2 mutation in human iPSCs links parkinsonian neurodegeneration to ERK-dependent changes in gene expression. <i>Cell Stem Cell</i> , 2013 , 12, 354-67	18	382

289	Generation of induced pluripotent stem cells from human cord blood. <i>Cell Stem Cell</i> , 2009 , 5, 434-41	18	380
288	Specific interaction between enhancer-containing molecules and cellular components. <i>Cell</i> , 1984 , 36, 403-11	56.2	378
287	Sperm from neonatal mammalian testes grafted in mice. <i>Nature</i> , 2002 , 418, 778-81	50.4	376
286	Germline-specific expression of the Oct-4/green fluorescent protein (GFP) transgene in mice. <i>Development Growth and Differentiation</i> , 1999 , 41, 675-84	3	316
285	Oct4 expression is not required for mouse somatic stem cell self-renewal. <i>Cell Stem Cell</i> , 2007 , 1, 403-15	18	315
284	Chromatin-Remodeling Components of the BAF Complex Facilitate Reprogramming. <i>Cell</i> , 2010 , 141, 943-55	56.2	299
283	Octamania: the POU factors in murine development. <i>Trends in Genetics</i> , 1991 , 7, 323-9	8.5	293
282	Crystal structure of a POU/HMG/DNA ternary complex suggests differential assembly of Oct4 and Sox2 on two enhancers. <i>Genes and Development</i> , 2003 , 17, 2048-59	12.6	276
281	Conserved and divergent roles of FGF signaling in mouse epiblast stem cells and human embryonic stem cells. <i>Cell Stem Cell</i> , 2010 , 6, 215-26	18	270
280	Self-renewal of embryonic stem cells by a small molecule. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 17266-71	11.5	270
279	Allele-specific expression of imprinted genes in mouse migratory primordial germ cells. <i>Mechanisms of Development</i> , 2002 , 115, 157-60	1.7	262
278	Generation of human-induced pluripotent stem cells in the absence of exogenous Sox2. <i>Stem Cells</i> , 2009 , 27, 2992-3000	5.8	260
277	A mouse model for hereditary thyroid dysgenesis and cleft palate. <i>Nature Genetics</i> , 1998 , 19, 395-8	36.3	260
276	The onset of germ cell migration in the mouse embryo. <i>Mechanisms of Development</i> , 2000 , 91, 61-8	1.7	244
275	Stable isotope labeling by amino acids in cell culture (SILAC) and proteome quantitation of mouse embryonic stem cells to a depth of 5,111 proteins. <i>Molecular and Cellular Proteomics</i> , 2008 , 7, 672-83	7.6	242
274	Stem cell pluripotency and transcription factor Oct4. <i>Cell Research</i> , 2002 , 12, 321-9	24.7	242
273	Derivation and expansion using only small molecules of human neural progenitors for neurodegenerative disease modeling. <i>PLoS ONE</i> , 2013 , 8, e59252	3.7	233
272	Induction of pluripotency in adult unipotent germline stem cells. <i>Cell Stem Cell</i> , 2009 , 5, 87-96	18	218

271	Mouse germline restriction of Oct4 expression by germ cell nuclear factor. <i>Developmental Cell</i> , 2001 , 1, 377-87	10.2	208
270	Identification and characterization of stem cells in prepubertal spermatogenesis in mice. <i>Developmental Biology</i> , 2003 , 258, 209-25	3.1	204
269	Oct-4: control of totipotency and germline determination. <i>Molecular Reproduction and Development</i> , 2000 , 55, 452-7	2.6	204
268	Progeny from sperm obtained after ectopic grafting of neonatal mouse testes. <i>Biology of Reproduction</i> , 2003 , 68, 2331-5	3.9	202
267	Dynamic link of DNA demethylation, DNA strand breaks and repair in mouse zygotes. <i>EMBO Journal</i> , 2010 , 29, 1877-88	13	201
266	Nuclei of embryonic stem cells reprogram somatic cells. <i>Stem Cells</i> , 2004 , 22, 941-9	5.8	201
265	Investigating human disease using stem cell models. <i>Nature Reviews Genetics</i> , 2014 , 15, 625-39	30.1	198
264	In line with our ancestors: Oct-4 and the mammalian germ. <i>BioEssays</i> , 1998 , 20, 722-32	4.1	188
263	Targeted mutation reveals essential functions of the homeodomain transcription factor Shox2 in sinoatrial and pacemaking development. <i>Circulation</i> , 2007 , 115, 1830-8	16.7	188
262	Lentiviral vector design and imaging approaches to visualize the early stages of cellular reprogramming. <i>Molecular Therapy</i> , 2011 , 19, 782-9	11.7	187
261	A nexus between Oct-4 and E1A: implications for gene regulation in embryonic stem cells. <i>Cell</i> , 1991 , 66, 291-304	56.2	179
260	Combinatorial control of gene expression. <i>Nature Structural and Molecular Biology</i> , 2004 , 11, 812-5	17.6	174
259	Epiblast stem cell subpopulations represent mouse embryos of distinct pregastrulation stages. <i>Cell</i> , 2010 , 143, 617-27	56.2	171
258	Comparative analysis of human, bovine, and murine Oct-4 upstream promoter sequences. <i>Mammalian Genome</i> , 2001 , 12, 309-17	3.2	146
257	Modulation of the activity of multiple transcriptional activation domains by the DNA binding domains mediates the synergistic action of Sox2 and Oct-3 on the fibroblast growth factor-4 enhancer. <i>Journal of Biological Chemistry</i> , 2000 , 275, 23387-97	5.4	139
256	Sumoylation of Oct4 enhances its stability, DNA binding, and transactivation. <i>Journal of Biological Chemistry</i> , 2007 , 282, 21551-60	5.4	137
255	Direct Reprogramming of Hepatic Myofibroblasts into Hepatocytes In Vivo Attenuates Liver Fibrosis. <i>Cell Stem Cell</i> , 2016 , 18, 797-808	18	134
254	Pluripotency deficit in clones overcome by clone-clone aggregation: epigenetic complementation?. <i>EMBO Journal</i> , 2003 , 22, 5304-12	13	133

253	Identification of a specific reprogramming-associated epigenetic signature in human induced pluripotent stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 16196-201	11.5	129
252	Rapid and efficient generation of oligodendrocytes from human induced pluripotent stem cells using transcription factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E2243-E2252	11.5	128
251	Conserved POU binding DNA sites in the Sox2 upstream enhancer regulate gene expression in embryonic and neural stem cells. <i>Journal of Biological Chemistry</i> , 2004 , 279, 41846-57	5.4	128
250	The embryonic stem cell transcription factors Oct-4 and FoxD3 interact to regulate endodermal-specific promoter expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 3663-7	11.5	127
249	Synergism with the coactivator OBF-1 (OCA-B, BOB-1) is mediated by a specific POU dimer configuration. <i>Cell</i> , 2000 , 103, 853-64	56.2	122
248	Nanog: a new recruit to the embryonic stem cell orchestra. <i>Cell</i> , 2003 , 113, 551-2	56.2	116
247	A unique Oct4 interface is crucial for reprogramming to pluripotency. <i>Nature Cell Biology</i> , 2013 , 15, 295-301	30.1	109
246	CD49f enhances multipotency and maintains stemness through the direct regulation of OCT4 and SOX2. <i>Stem Cells</i> , 2012 , 30, 876-87	5.8	109
245	FGF signalling inhibits neural induction in human embryonic stem cells. <i>EMBO Journal</i> , 2011 , 30, 4874-84	13	109
244	Absence of OCT4 expression in somatic tumor cell lines. <i>Stem Cells</i> , 2008 , 26, 692-7	5.8	102
243	Direct reprogramming of fibroblasts into epiblast stem cells. <i>Nature Cell Biology</i> , 2011 , 13, 66-71	23.4	101
242	Post-translational regulation of Oct4 transcriptional activity. <i>PLoS ONE</i> , 2009 , 4, e4467	3.7	101
241	Differential dimer activities of the transcription factor Oct-1 by DNA-induced interface swapping. <i>Molecular Cell</i> , 2001 , 8, 569-80	17.6	100
240	Human primordial germ cell commitment in vitro associates with a unique PRDM14 expression profile. <i>EMBO Journal</i> , 2015 , 34, 1009-24	13	98
239	Reprogramming fibroblasts into induced pluripotent stem cells with Bmi1. <i>Cell Research</i> , 2011 , 21, 1305-15	15.7	98
238	OCT4: dynamic DNA binding pioneers stem cell pluripotency. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014 , 1839, 138-54	6	96
237	Human iPSC models of neuronal ceroid lipofuscinosis capture distinct effects of TPP1 and CLN3 mutations on the endocytic pathway. <i>Human Molecular Genetics</i> , 2014 , 23, 2005-22	5.6	95
236	Role of Oct4 in the early embryo development. <i>Cell Regeneration</i> , 2014 , 3, 7	2.5	95

235	Conversion of mouse epiblast stem cells to an earlier pluripotency state by small molecules. <i>Journal of Biological Chemistry</i> , 2010 , 285, 29676-80	5.4	93
234	Initiation of trophectoderm lineage specification in mouse embryos is independent of Cdx2. <i>Development (Cambridge)</i> , 2010 , 137, 4159-69	6.6	92
233	Molecular Obstacles to Clinical Translation of iPSCs. <i>Cell Stem Cell</i> , 2016 , 19, 298-309	18	91
232	Topographic effect on human induced pluripotent stem cells differentiation towards neuronal lineage. <i>Biomaterials</i> , 2013 , 34, 8131-9	15.6	91
231	Ethics. The ISSCR guidelines for human embryonic stem cell research. <i>Science</i> , 2007 , 315, 603-4	33.3	89
230	Isolation of novel multipotent neural crest-derived stem cells from adult human inferior turbinate. <i>Stem Cells and Development</i> , 2012 , 21, 742-56	4.4	88
229	Distinct developmental ground states of epiblast stem cell lines determine different pluripotency features. <i>Stem Cells</i> , 2011 , 29, 1496-503	5.8	86
228	Genome-wide tracking of dCas9-methyltransferase footprints. <i>Nature Communications</i> , 2018 , 9, 597	17.4	85
227	Parthenogenetic stem cells for tissue-engineered heart repair. <i>Journal of Clinical Investigation</i> , 2013 , 123, 1285-98	15.9	85
226	Oct-4: lessons of totipotency from embryonic stem cells. <i>Cells Tissues Organs</i> , 1999 , 165, 144-52	2.1	84
225	Concise review: Oct4 and more: the reprogramming expressway. <i>Stem Cells</i> , 2012 , 30, 15-21	5.8	83
224	Regulation of the Oct-4 gene by nuclear receptors. <i>Nucleic Acids Research</i> , 1994 , 22, 901-11	20.1	81
223	Establishment of totipotency does not depend on Oct4A. <i>Nature Cell Biology</i> , 2013 , 15, 1089-97	23.4	78
222	Generation of induced pluripotent stem cells from neural stem cells. <i>Nature Protocols</i> , 2009 , 4, 1464-70	18.8	71
221	The caudal-related protein cdx2 promotes trophoblast differentiation of mouse embryonic stem cells. <i>Stem Cells</i> , 2006 , 24, 139-44	5.8	71
220	Direct visualization of cell division using high-resolution imaging of M-phase of the cell cycle. <i>Nature Communications</i> , 2012 , 3, 1076	17.4	69
219	Pluripotential reprogramming of the somatic genome in hybrid cells occurs with the first cell cycle. <i>Stem Cells</i> , 2008 , 26, 445-54	5.8	69
218	Variable reprogramming of the pluripotent stem cell marker Oct4 in mouse clones: distinct developmental potentials in different culture environments. <i>Stem Cells</i> , 2005 , 23, 1089-104	5.8	69

217	Discovery of neuritogenic compound classes inspired by natural products. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9576-81	16.4	68
216	Human adult germline stem cells in question. <i>Nature</i> , 2010 , 465, E1; discussion E3	50.4	67
215	Universal cardiac induction of human pluripotent stem cells in two and three-dimensional formats: implications for in vitro maturation. <i>Stem Cells</i> , 2015 , 33, 1456-69	5.8	64
214	Direct conversion of mouse fibroblasts into induced neural stem cells. <i>Nature Protocols</i> , 2014 , 9, 871-81	18.8	63
213	Discovery of inhibitors of microglial neurotoxicity acting through multiple mechanisms using a stem-cell-based phenotypic assay. <i>Cell Stem Cell</i> , 2012 , 11, 620-32	18	63
212	ExprEssence--revealing the essence of differential experimental data in the context of an interaction/regulation net-work. <i>BMC Systems Biology</i> , 2010 , 4, 164	3.5	63
211	Identification of a nuclear localization signal in OCT4 and generation of a dominant negative mutant by its ablation. <i>Journal of Biological Chemistry</i> , 2004 , 279, 37013-20	5.4	63
210	A central role for TFIID in the pluripotent transcription circuitry. <i>Nature</i> , 2013 , 495, 516-9	50.4	62
209	Sonic hedgehog shedding results in functional activation of the solubilized protein. <i>Developmental Cell</i> , 2011 , 20, 764-74	10.2	61
208	Distinct Neurodegenerative Changes in an Induced Pluripotent Stem Cell Model of Frontotemporal Dementia Linked to Mutant TAU Protein. <i>Stem Cell Reports</i> , 2015 , 5, 83-96	8	60
207	p53 connects tumorigenesis and reprogramming to pluripotency. <i>Journal of Experimental Medicine</i> , 2010 , 207, 2045-8	16.6	60
206	Redox regulation of the embryonic stem cell transcription factor oct-4 by thioredoxin. <i>Stem Cells</i> , 2004 , 22, 259-64	5.8	60
205	Systematic analysis of gene expression differences between left and right atria in different mouse strains and in human atrial tissue. <i>PLoS ONE</i> , 2011 , 6, e26389	3.7	60
204	Effects of neural progenitor cells on sensorimotor recovery and endogenous repair mechanisms after photothrombotic stroke. <i>Stroke</i> , 2011 , 42, 1757-63	6.7	59
203	Small molecule-assisted, line-independent maintenance of human pluripotent stem cells in defined conditions. <i>PLoS ONE</i> , 2012 , 7, e41958	3.7	59
202	Stepwise Clearance of Repressive Roadblocks Drives Cardiac Induction in Human ESCs. <i>Cell Stem Cell</i> , 2016 , 18, 341-53	18	58
201	TBX3 Directs Cell-Fate Decision toward Mesendoderm. <i>Stem Cell Reports</i> , 2013 , 1, 248-65	8	57
200	A combined approach facilitates the reliable detection of human spermatogonia in vitro. <i>Human Reproduction</i> , 2013 , 28, 3012-25	5.7	56

199	Phage display screening reveals an association between germline-specific transcription factor Oct-4 and multiple cellular proteins. <i>Journal of Molecular Biology</i> , 2000 , 304, 529-40	6.5	56
198	Therapeutic potential of induced neural stem cells for spinal cord injury. <i>Journal of Biological Chemistry</i> , 2014 , 289, 32512-25	5.4	55
197	MicroRNA-221 regulates FAS-induced fulminant liver failure. <i>Hepatology</i> , 2011 , 53, 1651-61	11.2	55
196	The PluriNetWork: an electronic representation of the network underlying pluripotency in mouse, and its applications. <i>PLoS ONE</i> , 2010 , 5, e15165	3.7	54
195	iPS cell derived neuronal cells for drug discovery. <i>Trends in Pharmacological Sciences</i> , 2014 , 35, 510-9	13.2	52
194	Smed-SmB, a member of the LSm protein superfamily, is essential for chromatoid body organization and planarian stem cell proliferation. <i>Development (Cambridge)</i> , 2010 , 137, 1055-65	6.6	52
193	Regulatory circuits underlying pluripotency and reprogramming. <i>Trends in Pharmacological Sciences</i> , 2009 , 30, 296-302	13.2	52
192	Astrocyte pathology in a human neural stem cell model of frontotemporal dementia caused by mutant TAU protein. <i>Scientific Reports</i> , 2017 , 7, 42991	4.9	51
191	Inhibition of TGF β signaling promotes ground state pluripotency. <i>Stem Cell Reviews and Reports</i> , 2014 , 10, 16-30	6.4	51
190	Analysis of protein-coding mutations in hiPSCs and their possible role during somatic cell reprogramming. <i>Nature Communications</i> , 2013 , 4, 1382	17.4	51
189	Induction of pluripotency in human cord blood unrestricted somatic stem cells. <i>Experimental Hematology</i> , 2010 , 38, 809-18, 818.e1-2	3.1	51
188	Small Molecules Facilitate Single Factor-Mediated Hepatic Reprogramming. <i>Cell Reports</i> , 2016 , 15, 814-829.6	29.6	51
187	Reprogramming to pluripotency is an ancient trait of vertebrate Oct4 and Pou2 proteins. <i>Nature Communications</i> , 2012 , 3, 1279	17.4	50
186	Murine embryonic stem cell-derived hepatic progenitor cells engraft in recipient livers with limited capacity of liver tissue formation. <i>Cell Transplantation</i> , 2008 , 17, 313-23	4	50
185	Induction of pluripotency: from mouse to human. <i>Cell</i> , 2007 , 131, 834-5	56.2	50
184	FACS-Assisted CRISPR-Cas9 Genome Editing Facilitates Parkinson's Disease Modeling. <i>Stem Cell Reports</i> , 2017 , 9, 1423-1431	8	49
183	Optimal reprogramming factor stoichiometry increases colony numbers and affects molecular characteristics of murine induced pluripotent stem cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011 , 79, 426-35	4.6	49
182	Transcriptional regulation of endothelial cell behavior during sprouting angiogenesis. <i>Nature Communications</i> , 2017 , 8, 726	17.4	48

181	Excluding Oct4 from Yamanaka Cocktail Unleashes the Developmental Potential of iPSCs. <i>Cell Stem Cell</i> , 2019 , 25, 737-753.e4	18	47
180	Induced neural stem cells achieve long-term survival and functional integration in the adult mouse brain. <i>Stem Cell Reports</i> , 2014 , 3, 423-31	8	47
179	DNA methylation regulates discrimination of enhancers from promoters through a H3K4me1-H3K4me3 seesaw mechanism. <i>BMC Genomics</i> , 2017 , 18, 964	4.5	46
178	A fully automated high-throughput workflow for 3D-based chemical screening in human midbrain organoids. <i>ELife</i> , 2020 , 9,	8.9	46
177	Conversion of adult mouse unipotent germline stem cells into pluripotent stem cells. <i>Nature Protocols</i> , 2010 , 5, 921-8	18.8	45
176	Highly enantioselective catalytic synthesis of neurite growth-promoting secoyohimbanes. <i>Chemistry and Biology</i> , 2013 , 20, 500-9		44
175	Generation of healthy mice from gene-corrected disease-specific induced pluripotent stem cells. <i>PLoS Biology</i> , 2011 , 9, e1001099	9.7	43
174	Increased reprogramming capacity of mouse liver progenitor cells, compared with differentiated liver cells, requires the BAF complex. <i>Gastroenterology</i> , 2012 , 142, 907-17	13.3	42
173	Oct1 regulates trophoblast development during early mouse embryogenesis. <i>Development (Cambridge)</i> , 2010 , 137, 3551-60	6.6	41
172	Erythroid differentiation of human induced pluripotent stem cells is independent of donor cell type of origin. <i>Haematologica</i> , 2015 , 100, 32-41	6.6	40
171	Dissecting the role of distinct OCT4-SOX2 heterodimer configurations in pluripotency. <i>Scientific Reports</i> , 2015 , 5, 13533	4.9	40
170	Differentiation efficiency of induced pluripotent stem cells depends on the number of reprogramming factors. <i>Stem Cells</i> , 2012 , 30, 570-9	5.8	40
169	Oct4-enhanced green fluorescent protein transgenic pigs: a new large animal model for reprogramming studies. <i>Stem Cells and Development</i> , 2011 , 20, 1563-75	4.4	40
168	A predictable ligand regulated expression strategy for stably integrated transgenes in mammalian cells in culture. <i>Gene</i> , 2002 , 298, 159-72	3.8	40
167	Nfat/calcineurin signaling promotes oligodendrocyte differentiation and myelination by transcription factor network tuning. <i>Nature Communications</i> , 2018 , 9, 899	17.4	39
166	Signaling roadmap modulating naive and primed pluripotency. <i>Stem Cells and Development</i> , 2014 , 23, 193-208	4.4	37
165	Reprogramming and the mammalian germline: the Weismann barrier revisited. <i>Current Opinion in Cell Biology</i> , 2012 , 24, 716-23	9	37
164	Reprogramming somatic gene activity by fusion with pluripotent cells. <i>Stem Cell Reviews and Reports</i> , 2006 , 2, 257-64	6.4	37

163	GAA Deficiency in Pompe Disease Is Alleviated by Exon Inclusion in iPSC-Derived Skeletal Muscle Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2017 , 7, 101-115	10.7	36
162	Nuclear reprogramming by interphase cytoplasm of two-cell mouse embryos. <i>Nature</i> , 2014 , 509, 101-4	50.4	36
161	Generation of Induced Pluripotent Stem Cells Using Recombinant Proteins. <i>Cell Stem Cell</i> , 2009 , 4, 581	18	36
160	Identification of genes specific to mouse primordial germ cells through dynamic global gene expression. <i>Human Molecular Genetics</i> , 2011 , 20, 115-25	5.6	36
159	Esrrb Unlocks Silenced Enhancers for Reprogramming to Naive Pluripotency. <i>Cell Stem Cell</i> , 2018 , 23, 266-275.e6	18	35
158	A Dynamic Role of TBX3 in the Pluripotency Circuitry. <i>Stem Cell Reports</i> , 2015 , 5, 1155-1170	8	35
157	Distinct Enhancer Activity of Oct4 in Naive and Primed Mouse Pluripotency. <i>Stem Cell Reports</i> , 2016 , 7, 911-926	8	35
156	Structural basis for the SOX-dependent genomic redistribution of OCT4 in stem cell differentiation. <i>Structure</i> , 2014 , 22, 1274-1286	5.2	34
155	SILAC proteomics of planarians identifies Ncoa5 as a conserved component of pluripotent stem cells. <i>Cell Reports</i> , 2013 , 5, 1142-55	10.6	34
154	Origin-dependent neural cell identities in differentiated human iPSCs in vitro and after transplantation into the mouse brain. <i>Cell Reports</i> , 2014 , 8, 1697-1703	10.6	34
153	Neuroinflammatory and behavioural changes in the Atp7B mutant mouse model of Wilson's disease. <i>Journal of Neurochemistry</i> , 2011 , 118, 105-12	6	34
152	Induced pluripotent stem cells at nanoscale. <i>Stem Cells and Development</i> , 2010 , 19, 615-20	4.4	34
151	Erasure of cellular memory by fusion with pluripotent cells. <i>Stem Cells</i> , 2007 , 25, 1013-20	5.8	34
150	Single-cell gene expression analysis reveals diversity among human spermatogonia. <i>Molecular Human Reproduction</i> , 2017 , 23, 79-90	4.4	33
149	Pluripotency reprogramming by competent and incompetent POU factors uncovers temporal dependency for Oct4 and Sox2. <i>Nature Communications</i> , 2019 , 10, 3477	17.4	33
148	Epigenetic hierarchy governing Nestin expression. <i>Stem Cells</i> , 2009 , 27, 1088-97	5.8	33
147	Neural induction intermediates exhibit distinct roles of Fgf signaling. <i>Stem Cells</i> , 2010 , 28, 1772-81	5.8	33
146	Methylation status of putative differentially methylated regions of porcine IGF2 and H19. <i>Molecular Reproduction and Development</i> , 2008 , 75, 777-84	2.6	32

145	Sustained knockdown of a disease-causing gene in patient-specific induced pluripotent stem cells using lentiviral vector-based gene therapy. <i>Stem Cells Translational Medicine</i> , 2013 , 2, 641-54	6.9	31
144	Spermatogonia: origin, physiology and prospects for conservation and manipulation of the male germ line. <i>Reproduction, Fertility and Development</i> , 2006 , 18, 7-12	1.8	31
143	Establishment of a primed pluripotent epiblast stem cell in FGF4-based conditions. <i>Scientific Reports</i> , 2014 , 4, 7477	4.9	30
142	Zfp296 is a novel, pluripotent-specific reprogramming factor. <i>PLoS ONE</i> , 2012 , 7, e34645	3.7	30
141	Concise review: challenging the pluripotency of human testis-derived ESC-like cells. <i>Stem Cells</i> , 2011 , 29, 1165-9	5.8	30
140	Oct-4: more than just a POUerful marker of the mammalian germline?. <i>Apmis</i> , 1998 , 106, 114-24; discussion 124-6	3.4	30
139	Disclosing the crosstalk among DNA methylation, transcription factors, and histone marks in human pluripotent cells through discovery of DNA methylation motifs. <i>Genome Research</i> , 2013 , 23, 2013-29	9.7	29
138	Enhanced reprogramming of Xist by induced upregulation of Tsix and Dnmt3a. <i>Stem Cells</i> , 2008 , 26, 2821-31	5.81	29
137	Changing POU dimerization preferences converts Oct6 into a pluripotency inducer. <i>EMBO Reports</i> , 2017 , 18, 319-333	6.5	28
136	Discovery of Neuritogenic Compound Classes Inspired by Natural Products. <i>Angewandte Chemie</i> , 2013 , 125, 9755-9760	3.6	28
135	Nuclear distribution of Oct-4 transcription factor in transcriptionally active and inactive mouse oocytes and its relation to RNA polymerase II and splicing factors. <i>Journal of Cellular Biochemistry</i> , 2003 , 89, 720-32	4.7	28
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