Hans R SchÃ¶ler

List of Publications by Year
in descending order

310 papers	35,454 citations	4641 85 h-index	3714 179 g-index
335 all docs	335 docs citations	335 times ranked	28651 citing authors

#	Article	IF	Citations
1	A balanced Oct4 interactome is crucial for maintaining pluripotency. Science Advances, 2022, 8, eabe4375.	4.7	17
2	SARS-CoV-2 infects and replicates in photoreceptor and retinal ganglion cells of human retinal organoids. Stem Cell Reports, 2022, 17, 789-803.	2.3	22
3	Generation of a human iPSC line (MPIi008-A) from a patient with Denys-Drash syndrome. Stem Cell Research, 2022, 62, 102826.	0.3	0
4	Rapid generation of ACE2 humanized inbred mouse model for COVID-19 with tetraploid complementation. National Science Review, 2021, 8, nwaa285.	4.6	19
5	Permissive epigenomes endow reprogramming competence to transcriptional regulators. Nature Chemical Biology, 2021, 17, 47-56.	3.9	35
6	Generation and Maintenance of Homogeneous Human Midbrain Organoids. Bio-protocol, 2021, 11, e4049.	0.2	4
7	The Hippo pathway component Wwc2 is a key regulator of embryonic development and angiogenesis in mice. Cell Death and Disease, 2021, 12, 117.	2.7	13
8	Directed Evolution of an Enhanced POU Reprogramming Factor for Cell Fate Engineering. Molecular Biology and Evolution, 2021, 38, 2854-2868.	3.5	11
9	Donor cell memory confers a metastable state of directly converted cells. Cell Stem Cell, 2021, 28, 1291-1306.e10.	5.2	5
10	One-step Reprogramming of Human Fibroblasts into Oligodendrocyte-like Cells by SOX10, OLIG2, and NKX6.2. Stem Cell Reports, 2021, 16, 771-783.	2.3	19
11	Biological importance of OCT transcription factors in reprogramming and development. Experimental and Molecular Medicine, 2021, 53, 1018-1028.	3.2	16
12	Residual pluripotency is required for inductive germ cell segregation. EMBO Reports, 2021, 22, e52553.	2.0	5
13	Cell-Type-Specific High Throughput Toxicity Testing in Human Midbrain Organoids. Frontiers in Molecular Neuroscience, 2021, 14, 715054.	1.4	19
14	Dopamine signaling regulates hematopoietic stem and progenitor cell function. Blood, 2021, 138, 2051-2065.	0.6	19
15	Reversible reprogramming of cardiomyocytes to a fetal state drives heart regeneration in mice. Science, 2021, 373, 1537-1540.	6.0	135
16	Ronin governs the metabolic capacity of the embryonic lineage for postâ€implantation development. EMBO Reports, 2021, 22, e53048.	2.0	4
17	YAP establishes epiblast responsiveness to inductive signals for germ cell fate. Development (Cambridge), 2021, 148, .	1.2	10
18	Combining Automated Organoid Workflows with Artificial Intelligenceâ€Based Analyses: Opportunities to Build a New Generation of Interdisciplinary Highâ€Throughput Screens for Parkinson's Disease and Beyond. Movement Disorders, 2021, 36, 2745-2762.	2.2	10

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19	Heading towards a dead end: The role of DND1 in germ line differentiation of human iPSCs. PLoS ONE, 2021, 16, e0258427.	1.1	2
20	Force-induced changes of Î±-catenin conformation stabilize vascular junctions independently of vinculin. Journal of Cell Science, 2021, 134, .	1.2	9
21	Culturing human iPSC-derived neural progenitor cells on nanowire arrays: mapping the impact of nanowire length and array pitch on proliferation, viability, and membrane deformation. Nanoscale, 2021, 13, 20052-20066.	2.8	3
22	Heterochromatin loosening by the Oct4 linker region facilitates Klf4 binding and iPSC reprogramming. EMBO Journal, 2020, 39, e99165.	3.5	29
23	Multiple sclerosis iPS-derived oligodendroglia conserve their properties to functionally interact with axons and glia in vivo. Science Advances, 2020, 6, .	4.7	29
24	Wnt/Beta-catenin/Esrrb signalling controls the tissue-scale reorganization and maintenance of the pluripotent lineage during murine embryonic diapause. Nature Communications, 2020, 11, 5499.	5.8	35
25	Reprogramming competence of OCT factors is determined by transactivation domains. Science Advances, 2020, 6, .	4.7	25
26	Extrinsic immune cell-derived, but not intrinsic oligodendroglial factors contribute to oligodendroglial differentiation block in multiple sclerosis. Acta Neuropathologica, 2020, 140, 715-736.	3.9	53
27	Generation of a human iPSC line (MPIi007-A) from a patient with Metachromatic leukodystrophy. Stem Cell Research, 2020, 48, 101993.	0.3	3
28	R-loops coordinate with SOX2 in regulating reprogramming to pluripotency. Science Advances, 2020, 6, eaba0777.	4.7	36
29	Nucleosomal DNA Dynamics Mediate Oct4 Pioneer Factor Binding. Biophysical Journal, 2020, 118, 2280-2296.	0.2	39
30	Generation of human androgenetic induced pluripotent stem cells. Scientific Reports, 2020, 10, 3614.	1.6	0
31	Generation of a human iPSC line (MPIi006-A) from a patient with Pelizaeus-Merzbacher disease. Stem Cell Research, 2020, 46, 101839.	0.3	1
32	Sequentially induced motor neurons from human fibroblasts facilitate locomotor recovery in a rodent spinal cord injury model. ELife, 2020, 9, .	2.8	21
33	A fully automated high-throughput workflow for 3D-based chemical screening in human midbrain organoids. ELife, 2020, 9, .	2.8	117
34	Oct4 and Hnf4Î±-induced hepatic stem cells ameliorate chronic liver injury in liver fibrosis model. PLoS ONE, 2019, 14, e0221085.	1.1	10
35	Pluripotency reprogramming by competent and incompetent POU factors uncovers temporal dependency for Oct4 and Sox2. Nature Communications, 2019, 10, 3477.	5.8	60
36	The Convergence of Stem Cell Technologies and Phenotypic Drug Discovery. Cell Chemical Biology, 2019, 26, 1050-1066.	2.5	31

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37	Excluding Oct4 from Yamanaka Cocktail Unleashes the Developmental Potential of iPSCs. Cell Stem Cell, 2019, 25, 737-753.e4.	5.2	92
38	Discovery of the Hedgehog Pathway Inhibitor Pipinib that Targets PI4KIIIÃŸ. Angewandte Chemie - International Edition, 2019, 58, 16617-16628.	7.2	10
39	Discovery of the Hedgehog Pathway Inhibitor Pipinib that Targets PI4KIIIÃŸ. Angewandte Chemie, 2019, 131, 16770-16781.	1.6	4
40	Metastable Reprogramming State of Single Transcription Factor-Derived Induced Hepatocyte-Like Cells. Stem Cells International, 2019, 2019, 1-11.	1.2	1
41	hnRNP-K Targets Open Chromatin in Mouse Embryonic Stem Cells in Concert with Multiple Regulators. Stem Cells, 2019, 37, 1018-1029.	1.4	11
42	Fusion of Reprogramming Factors Alters the Trajectory of Somatic Lineage Conversion. Cell Reports, 2019, 27, 30-39.e4.	2.9	23
43	Dual Inhibition of GSK3Î² and CDK5 Protects the Cytoskeleton of Neurons from Neuroinflammatory-Mediated Degeneration InÂVitro and InÂVivo. Stem Cell Reports, 2019, 12, 502-517.	2.3	45
44	Synapse alterations precede neuronal damage and storage pathology in a human cerebral organoid model of CLN3-juvenile neuronal ceroid lipofuscinosis. Acta Neuropathologica Communications, 2019, 7, 222.	2.4	49
45	Nfat/calcineurin signaling promotes oligodendrocyte differentiation and myelination by transcription factor network tuning. Nature Communications, 2018, 9, 899.	5.8	60
46	Dynarrestin, a Novel Inhibitor of Cytoplasmic Dynein. Cell Chemical Biology, 2018, 25, 357-369.e6.	2.5	56
47	Rules governing the mechanism of epigenetic reprogramming memory. Epigenomics, 2018, 10, 149-174.	1.0	10
48	Genome-wide tracking of dCas9-methyltransferase footprints. Nature Communications, 2018, 9, 597.	5.8	114
49	Direct Conversion of Mouse Fibroblasts into Cholangiocyte Progenitor Cells. Stem Cell Reports, 2018, 10, 1522-1536.	2.3	11
50	Inhibition of BET selectively eliminates undifferentiated pluripotent stem cells. Science Bulletin, 2018, 63, 477-487.	4.3	4
51	Reduction of Fibrosis and Scar Formation by Partial Reprogramming In Vivo. Stem Cells, 2018, 36, 1216-1225.	1.4	50
52	Two-Step Generation of Oligodendrocyte Progenitor Cells From Mouse Fibroblasts for Spinal Cord Injury. Frontiers in Cellular Neuroscience, 2018, 12, 198.	1.8	9
53	Esrrb Unlocks Silenced Enhancers for Reprogramming to Naive Pluripotency. Cell Stem Cell, 2018, 23, 266-275.e6.	5.2	79
54	Self-Reprogramming of Spermatogonial Stem Cells into Pluripotent Stem Cells without Microenvironment of Feeder Cells. Molecules and Cells, 2018, 41, 631-638.	1.0	9

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55	GAA deficiency in Pompe disease is alleviated by exon inclusion in iPS cell-derived skeletal muscle cells. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, SY30-2.	0.0	0
56	P3BSseq: parallel processing pipeline software for automatic analysis of bisulfite sequencing data. Bioinformatics, 2017, 33, 428-431.	1.8	13
57	Single-cell gene expression analysis reveals diversity among human spermatogonia. Molecular Human Reproduction, 2017, 23, 79-90.	1.3	37
58	Rapid and efficient generation of oligodendrocytes from human induced pluripotent stem cells using transcription factors. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2243-E2252.	3.3	189
59	Astrocyte pathology in a human neural stem cell model of frontotemporal dementia caused by mutant TAU protein. Scientific Reports, 2017, 7, 42991.	1.6	76
60	Totipotency in the mouse. Journal of Molecular Medicine, 2017, 95, 687-694.	1.7	18
61	Small-molecule phenotypic screening with stem cells. Nature Chemical Biology, 2017, 13, 560-563.	3.9	11
62	GAA Deficiency in Pompe Disease Is Alleviated by Exon Inclusion in iPSC-Derived Skeletal Muscle Cells. Molecular Therapy - Nucleic Acids, 2017, 7, 101-115.	2.3	56
63	Changing <scp>POU</scp> dimerization preferences converts Oct6 into a pluripotency inducer. EMBO Reports, 2017, 18, 319-333.	2.0	42
64	FACS-Assisted CRISPR-Cas9 Genome Editing Facilitates Parkinson's Disease Modeling. Stem Cell Reports, 2017, 9, 1423-1431.	2.3	77
65	Transcriptional regulation of endothelial cell behavior during sprouting angiogenesis. Nature Communications, 2017, 8, 726.	5.8	71
66	Emergence of CD43-Expressing Hematopoietic Progenitors from Human Induced Pluripotent Stem Cells. Transfusion Medicine and Hemotherapy, 2017, 44, 143-150.	0.7	18
67	Discovery of a Novel Inhibitor of the Hedgehog Signaling Pathway through Cellâ€based Compound Discovery and Target Prediction. Angewandte Chemie - International Edition, 2017, 56, 13021-13025.	7.2	22
68	Blockage of the Epithelial-to-Mesenchymal Transition Is Required for Embryonic Stem Cell Derivation. Stem Cell Reports, 2017, 9, 1275-1290.	2.3	12
69	DNA methylation regulates discrimination of enhancers from promoters through a H3K4me1-H3K4me3 seesaw mechanism. BMC Genomics, 2017, 18, 964.	1.2	80
70	Factor-Reduced Human Induced Pluripotent Stem Cells Efficiently Differentiate into Neurons Independent of the Number of Reprogramming Factors. Stem Cells International, 2016, 2016, 1-6.	1.2	5
71	Establishment of feeder-free culture system for human induced pluripotent stem cell on DAS nanocrystalline graphene. Scientific Reports, 2016, 6, 20708.	1.6	11
72	Distinct Enhancer Activity of Oct4 in Naive and Primed Mouse Pluripotency. Stem Cell Reports, 2016, 7, 911-926.	2.3	63

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73	Epiblastin A Induces Reprogramming of Epiblast Stem Cells Into Embryonic Stem Cells by Inhibition of Casein Kinase 1. Cell Chemical Biology, 2016, 23, 494-507.	2.5	25
74	Lineage Segregation in the Totipotent Embryo. Current Topics in Developmental Biology, 2016, 117, 301-317.	1.0	15
75	Generation of Integration-free Induced Neural Stem Cells from Mouse Fibroblasts. Journal of Biological Chemistry, 2016, 291, 14199-14212.	1.6	24
76	Direct Reprogramming of Hepatic Myofibroblasts into Hepatocytes InÂVivo Attenuates Liver Fibrosis. Cell Stem Cell, 2016, 18, 797-808.	5.2	181
77	Small Molecules Facilitate Single Factor-Mediated Hepatic Reprogramming. Cell Reports, 2016, 15, 814-829.	2.9	61
78	Comparative transcriptome analysis in induced neural stem cells reveals defined neural cell identities in vitro and after transplantation into the adult rodent brain. Stem Cell Research, 2016, 16, 776-781.	0.3	6
79	Gadd45a is a heterochromatin relaxer that enhances <scp>iPS</scp> cell generation. EMBO Reports, 2016, 17, 1641-1656.	2.0	28
80	Molecular Obstacles to Clinical Translation of iPSCs. Cell Stem Cell, 2016, 19, 298-309.	5.2	116
81	Enhanced OCT4 transcriptional activity substitutes for exogenous SOX2 in cellular reprogramming. Scientific Reports, 2016, 6, 19415.	1.6	7
82	Distinct Signaling Requirements for the Establishment of ESC Pluripotency in Late-Stage EpiSCs. Cell Reports, 2016, 15, 787-800.	2.9	28
83	Induced neural stem cells from distinct genetic backgrounds exhibit different reprogramming status. Stem Cell Research, 2016, 16, 460-468.	0.3	11
84	Epigenetic Aberrations Are Not Specific to Transcription Factor-Mediated Reprogramming. Stem Cell Reports, 2016, 6, 35-43.	2.3	8
85	Epigenetic alteration of imprinted genes during neural differentiation of germline-derived pluripotent stem cells. Epigenetics, 2016, 11, 177-183.	1.3	9
86	Stepwise Clearance of Repressive Roadblocks Drives Cardiac Induction in Human ESCs. Cell Stem Cell, 2016, 18, 341-353.	5.2	89
87	Generation of integration-free induced hepatocyte-like cells from mouse fibroblasts. Scientific Reports, 2015, 5, 15706.	1.6	23
88	Dissecting the role of distinct OCT4-SOX2 heterodimer configurations in pluripotency. Scientific Reports, 2015, 5, 13533.	1.6	58
89	A Dynamic Role of TBX3 in the Pluripotency Circuitry. Stem Cell Reports, 2015, 5, 1155-1170.	2.3	57
90	Universal Cardiac Induction of Human Pluripotent Stem Cells in Two and Three-Dimensional Formats: Implications for In Vitro Maturation. Stem Cells, 2015, 33, 1456-1469.	1.4	76

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91	Distinct Neurodegenerative Changes in an Induced Pluripotent Stem Cell Model of Frontotemporal Dementia Linked to Mutant TAU Protein. Stem Cell Reports, 2015, 5, 83-96.	2.3	82
92	Human primordial germ cell commitment <i>inÂvitro</i> associates with a unique PRDM14 expression profile. EMBO Journal, 2015, 34, 1009-1024.	3.5	122
93	Erythroid differentiation of human induced pluripotent stem cells is independent of donor cell type of origin. Haematologica, 2015, 100, 32-41.	1.7	67
94	Hypoxia Induces Pluripotency in Primordial Germ Cells by HIF1Î± Stabilization and Oct4 Deregulation. Antioxidants and Redox Signaling, 2015, 22, 205-223.	2.5	21
95	Germ Cell Nuclear Factor Regulates Gametogenesis in Developing Gonads. PLoS ONE, 2014, 9, e103985.	1.1	14
96	Therapeutic Potential of Induced Neural Stem Cells for Spinal Cord Injury. Journal of Biological Chemistry, 2014, 289, 32512-32525.	1.6	75
97	A Novel Feeder-Free Culture System for Expansion of Mouse Spermatogonial Stem Cells. Molecules and Cells, 2014, 37, 473-479.	1.0	26
98	CellNetâ€”Where Your Cells Are Standing. Cell, 2014, 158, 699-701.	13.5	6
99	Origin-Dependent Neural Cell Identities in Differentiated Human iPSCs InÂVitro and after Transplantation into the Mouse Brain. Cell Reports, 2014, 8, 1697-1703.	2.9	41
100	Nanog induces hyperplasia without initiating tumors. Stem Cell Research, 2014, 13, 300-315.	0.3	21
101	Establishment of a primed pluripotent epiblast stem cell in FGF4-based conditions. Scientific Reports, 2014, 4, 7477.	1.6	41
102	BRG1 Is Required to Maintain Pluripotency of Murine Embryonic Stem Cells. BioResearch Open Access, 2014, 3, 1-8.	2.6	17
103	Frame retractions so they hold firm. Nature, 2014, 513, 172-172.	13.7	0
104	Direct conversion of mouse fibroblasts into induced neural stem cells. Nature Protocols, 2014, 9, 871-881.	5.5	69
105	OCT4: Dynamic DNA binding pioneers stem cell pluripotency. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 138-154.	0.9	123
106	Nuclear reprogramming by interphase cytoplasm of two-cell mouse embryos. Nature, 2014, 509, 101-104.	13.7	48
107	Counteracting Activities of OCT4 and KLF4 during Reprogramming to Pluripotency. Stem Cell Reports, 2014, 2, 351-365.	2.3	11
108	Inhibition of TGFÎ² Signaling Promotes Ground State Pluripotency. Stem Cell Reviews and Reports, 2014, 10, 16-30.	5.6	60

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109	Signaling Roadmap Modulating Naive and Primed Pluripotency. Stem Cells and Development, 2014, 23, 193-208.	1.1	48
110	Human iPSC models of neuronal ceroid lipofuscinosis capture distinct effects of TPP1 and CLN3 mutations on the endocytic pathway. Human Molecular Genetics, 2014, 23, 2005-2022.	1.4	121
111	Reactivation of inactive X chromosome and post-transcriptional reprogramming of Xist in induced pluripotent stem cells. Journal of Cell Science, 2014, 128, 81-7.	1.2	15
112	The POU-er of gene nomenclature. Development (Cambridge), 2014, 141, 2921-2923.	1.2	33
113	Human Adult White Matter Progenitor Cells Are Multipotent Neuroprogenitors Similar to Adult Hippocampal Progenitors. Stem Cells Translational Medicine, 2014, 3, 458-469.	1.6	26
114	Investigating human disease using stem cell models. Nature Reviews Genetics, 2014, 15, 625-639.	7.7	225
115	Induced Neural Stem Cells Achieve Long-Term Survival and Functional Integration in the Adult Mouse Brain. Stem Cell Reports, 2014, 3, 423-431.	2.3	51
116	iPS cell derived neuronal cells for drug discovery. Trends in Pharmacological Sciences, 2014, 35, 510-519.	4.0	57
117	Role of Oct4 in the early embryo development. Cell Regeneration, 2014, 3, 3:7.	1.1	144
118	Structural Basis for the SOX-Dependent Genomic Redistribution of OCT4 in Stem Cell Differentiation. Structure, 2014, 22, 1274-1286.	1.6	46
119	Establishment of totipotency does not depend onÂOct4A. Nature Cell Biology, 2013, 15, 1089-1097.	4.6	99
120	Analysis of protein-coding mutations in hiPSCs and their possible role during somatic cell reprogramming. Nature Communications, 2013, 4, 1382.	5.8	58
121	Topographic effect on human induced pluripotent stem cells differentiation towards neuronal lineage. Biomaterials, 2013, 34, 8131-8139.	5.7	108
122	Highly Enantioselective Catalytic Synthesis of Neurite Growth-Promoting Secoyohimbanes. Chemistry and Biology, 2013, 20, 500-509.	6.2	47
123	SILAC Proteomics of Planarians Identifies Ncoa5 as a Conserved Component of Pluripotent Stem Cells. Cell Reports, 2013, 5, 1142-1155.	2.9	44
124	Disclosing the crosstalk among DNA methylation, transcription factors, and histone marks in human pluripotent cells through discovery of DNA methylation motifs. Genome Research, 2013, 23, 2013-2029.	2.4	32
125	Conversion of genomic imprinting by reprogramming and redifferentiation. Journal of Cell Science, 2013, 126, 2516-24.	1.2	24
126	TBX3 Directs Cell-Fate Decision toward Mesendoderm. Stem Cell Reports, 2013, 1, 248-265.	2.3	72

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127	A unique Oct4 interface is crucial for reprogramming to pluripotency. Nature Cell Biology, 2013, 15, 295-301.	4.6	135
128	A central role for TFIID in the pluripotent transcription circuitry. Nature, 2013, 495, 516-519.	13.7	73
129	Rapid and Efficient Generation of Neurons from Human Pluripotent Stem Cells in a Multititre Plate Format. Journal of Visualized Experiments, 2013, , e4335.	0.2	5
130	Genetic Correction of a LRRK2 Mutation in Human iPSCs Links Parkinsonian Neurodegeneration to ERK-Dependent Changes in Gene Expression. Cell Stem Cell, 2013, 12, 354-367.	5.2	448
131	Expansion and Differentiation of Germline-Derived Pluripotent Stem Cells on Biomaterials. Tissue Engineering - Part A, 2013, 19, 1067-1080.	1.6	4
132	Discovery of Neuritogenic Compound Classes Inspired by Natural Products. Angewandte Chemie - International Edition, 2013, 52, 9576-9581.	7.2	72
133	Sustained Knockdown of a Disease-Causing Gene in Patient-Specific Induced Pluripotent Stem Cells Using Lentiviral Vector-Based Gene Therapy. Stem Cells Translational Medicine, 2013, 2, 641-654.	1.6	36
134	A combined approach facilitates the reliable detection of human spermatogonia in vitro. Human Reproduction, 2013, 28, 3012-3025.	0.4	71
135	Effects of Erythropoietin in Murine-Induced Pluripotent Cell-Derived Panneural Progenitor Cells. Molecular Medicine, 2013, 19, 399-408.	1.9	0
136	Parthenogenetic stem cells for tissue-engineered heart repair. Journal of Clinical Investigation, 2013, 123, 1285-1298.	3.9	96
137	Derivation and Expansion Using Only Small Molecules of Human Neural Progenitors for Neurodegenerative Disease Modeling. PLoS ONE, 2013, 8, e59252.	1.1	370
138	Sox2 Level Is a Determinant of Cellular Reprogramming Potential. PLoS ONE, 2013, 8, e67594.	1.1	5
139	Reprogramming to Pluripotency through a Somatic Stem Cell Intermediate. PLoS ONE, 2013, 8, e85138.	1.1	13
140	Isolation of Novel Multipotent Neural Crest-Derived Stem Cells from Adult Human Inferior Turbinate. Stem Cells and Development, 2012, 21, 742-756.	1.1	106
141	Reprogramming to pluripotency is an ancient trait of vertebrate Oct4 and Pou2 proteins. Nature Communications, 2012, 3, 1279.	5.8	64
142	Discovery of Inhibitors of Microglial Neurotoxicity Acting Through Multiple Mechanisms Using a Stem-Cell-Based Phenotypic Assay. Cell Stem Cell, 2012, 11, 620-632.	5.2	75
143	REST and its downstream molecule Mek5 regulate survival of primordial germ cells. Developmental Biology, 2012, 372, 190-202.	0.9	13
144	Reprogramming and the mammalian germline: the Weismann barrier revisited. Current Opinion in Cell Biology, 2012, 24, 716-723.	2.6	43

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145	Direct Reprogramming of Fibroblasts into Neural Stem Cells by Defined Factors. Cell Stem Cell, 2012, 10, 465-472.	5.2	511
146	Restoring Stem Cell Function in Aged Tissues by Direct Reprogramming?. Cell Stem Cell, 2012, 10, 653-656.	5.2	7
147	Identification of a specific reprogramming-associated epigenetic signature in human induced pluripotent stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16196-16201.	3.3	152
148	Direct visualization of cell division using high-resolution imaging of M-phase of the cell cycle. Nature Communications, 2012, 3, 1076.	5.8	92
149	Epithelial morphogenesis of germline-derived pluripotent stem cells on organotypic skin equivalents in vitro. Differentiation, 2012, 83, 138-147.	1.0	12
150	Increased Reprogramming Capacity of Mouse Liver Progenitor Cells, Compared With Differentiated Liver Cells, Requires the BAF Complex. Gastroenterology, 2012, 142, 907-917.	0.6	47
151	Directing reprogramming to pluripotency by transcription factors. Current Opinion in Genetics and Development, 2012, 22, 416-422.	1.5	30
152	Reestablishment of the inactive X chromosome to the ground state through cell fusion-induced reprogramming. Cellular and Molecular Life Sciences, 2012, 69, 4067-4077.	2.4	3
153	Zfp296 Is a Novel, Pluripotent-Specific Reprogramming Factor. PLoS ONE, 2012, 7, e34645.	1.1	37
154	Comprehensive Human Transcription Factor Binding Site Map for Combinatory Binding Motifs Discovery. PLoS ONE, 2012, 7, e49086.	1.1	5
155	Differentiation Efficiency of Induced Pluripotent Stem Cells Depends on the Number of Reprogramming Factors. Stem Cells, 2012, 30, 570-579.	1.4	60
156	Concise Review: Oct4 and More: The Reprogramming Expressway. Stem Cells, 2012, 30, 15-21.	1.4	98
157	CD49f Enhances Multipotency and Maintains Stemness Through the Direct Regulation of OCT4 and SOX2. Stem Cells, 2012, 30, 876-887.	1.4	129
158	Autologous Pluripotent Stem Cells Generated from Adult Mouse Testicular Biopsy. Stem Cell Reviews and Reports, 2012, 8, 435-444.	5.6	22
159	Small Molecule-Assisted, Line-Independent Maintenance of Human Pluripotent Stem Cells in Defined Conditions. PLoS ONE, 2012, 7, e41958.	1.1	76
160	Oct4-Enhanced Green Fluorescent Protein Transgenic Pigs: A New Large Animal Model for Reprogramming Studies. Stem Cells and Development, 2011, 20, 1563-1575.	1.1	49
161	Sonic Hedgehog Shedding Results in Functional Activation of the Solubilized Protein. Developmental Cell, 2011, 20, 764-774.	3.1	78
162	Ultrastructural Characterization of Mouse Embryonic Stem Cell-Derived Oocytes and Granulosa Cells. Stem Cells and Development, 2011, 20, 2205-2215.	1.1	15

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163	Role of mouse maternal Cdx2: whatâ€™s the debate all about?. Reproductive BioMedicine Online, 2011, 22, 516-518.	1.1	5
164	Neural Stem Cells Achieve and Maintain Pluripotency without Feeder Cells. PLoS ONE, 2011, 6, e21367.	1.1	6
165	Neuroinflammatory and behavioural changes in the Atp7B mutant mouse model of Wilsonâ€™s disease. Journal of Neurochemistry, 2011, 118, 105-112.	2.1	41
166	Direct reprogramming of fibroblasts into epiblast stem cells. Nature Cell Biology, 2011, 13, 66-71.	4.6	111
167	FGF signalling inhibits neural induction in human embryonic stem cells. EMBO Journal, 2011, 30, 4874-4884.	3.5	123
168	Visualization and Exploration of Conserved Regulatory Modules Using ReXSpecies 2. BMC Evolutionary Biology, 2011, 11, 267.	3.2	3
169	Concise Review: Challenging the Pluripotency of Human Testis-Derived ESC-like Cells. Stem Cells, 2011, 29, 1165-1169.	1.4	33
170	Brief Report: Evaluating the Potential of Putative Pluripotent Cells Derived from Human Testis. Stem Cells, 2011, 29, 1304-1309.	1.4	25
171	Distinct Developmental Ground States of Epiblast Stem Cell Lines Determine Different Pluripotency Features. Stem Cells, 2011, 29, 1496-1503.	1.4	98
172	MicroRNA-221 regulates FAS-induced fulminant liver failure. Hepatology, 2011, 53, 1651-1661.	3.6	69
173	Optimal reprogramming factor stoichiometry increases colony numbers and affects molecular characteristics of murine induced pluripotent stem cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2011, 79A, 426-435.	1.1	61
174	Pluripotent Hybrid Cells Contribute to Extraembryonic as well as Embryonic Tissues. Stem Cells and Development, 2011, 20, 1063-1069.	1.1	12
175	Identification of genes specific to mouse primordial germ cells through dynamic global gene expression. Human Molecular Genetics, 2011, 20, 115-125.	1.4	45
176	Lentiviral Vector Design and Imaging Approaches to Visualize the Early Stages of Cellular Reprogramming. Molecular Therapy, 2011, 19, 782-789.	3.7	224
177	<i>Bcar3</i> Is Expressed in Sertoli Cells and Germ Cells of the Developing Testis in Mice. Sexual Development, 2011, 5, 197-204.	1.1	2
178	Effects of Neural Progenitor Cells on Sensorimotor Recovery and Endogenous Repair Mechanisms After Photothrombotic Stroke. Stroke, 2011, 42, 1757-1763.	1.0	70
179	Efficient Derivation of Pluripotent Stem Cells from siRNA-Mediated<i>Cdx2</i>-Deficient Mouse Embryos. Stem Cells and Development, 2011, 20, 485-493.	1.1	7
180	Reprogramming fibroblasts into induced pluripotent stem cells with Bmi1. Cell Research, 2011, 21, 1305-1315.	5.7	118

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