

# Norio Nakatsuji

## List of Publications by Year in descending order

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153  
papers

17,759  
citations

13068

68  
h-index

13338

130  
g-index

154  
all docs

154  
docs citations

154  
times ranked

17395  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced cell motility and enhanced focal adhesion contact formation in cells from FAK-deficient mice. <i>Nature</i> , 1995, 377, 539-544.	13.7	1,698
2	Characterization of human embryonic stem cell lines by the International Stem Cell Initiative. <i>Nature Biotechnology</i> , 2007, 25, 803-816.	9.4	983
3	Nuclear reprogramming of somatic cells by in vitro hybridization with ES cells. <i>Current Biology</i> , 2001, 11, 1553-1558.	1.8	814
4	Efficient Gene Transfer into the Embryonic Mouse Brain Using in Vivo Electroporation. <i>Developmental Biology</i> , 2001, 240, 237-246.	0.9	690
5	Screening ethnically diverse human embryonic stem cells identifies a chromosome 20 minimal amplicon conferring growth advantage. <i>Nature Biotechnology</i> , 2011, 29, 1132-1144.	9.4	509
6	Generation of dopaminergic neurons and pigmented epithelia from primate ES cells by stromal cell-derived inducing activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1580-1585.	3.3	462
7	Octamer and Sox Elements Are Required for Transcriptional cis Regulation of Nanog Gene Expression. <i>Molecular and Cellular Biology</i> , 2005, 25, 2475-2485.	1.1	446
8	Dopaminergic neurons generated from monkey embryonic stem cells function in a Parkinson primate model. <i>Journal of Clinical Investigation</i> , 2005, 115, 102-109.	3.9	418
9	Laminin E8 fragments support efficient adhesion and expansion of dissociated human pluripotent stem cells. <i>Nature Communications</i> , 2012, 3, 1236.	5.8	303
10	Rac1 is required for the formation of three germ layers during gastrulation. <i>Oncogene</i> , 1998, 17, 3427-3433.	2.6	301
11	Efficient establishment of human embryonic stem cell lines and long-term maintenance with stable karyotype by enzymatic bulk passage. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 926-932.	1.0	297
12	The TDRD9-Miwi2 Complex Is Essential for piRNA-Mediated Retrotransposon Silencing in the Mouse Male Germline. <i>Developmental Cell</i> , 2009, 17, 775-787.	3.1	297
13	HLA-haplotype banking and iPS cells. <i>Nature Biotechnology</i> , 2008, 26, 739-740.	9.4	292
14	Defining early lineage specification of human embryonic stem cells by the orchestrated balance of canonical Wnt/ $\beta$ -catenin, Activin/Nodal and BMP signaling. <i>Development (Cambridge)</i> , 2008, 135, 2969-2979.	1.2	287
15	Efficient and Scalable Purification of Cardiomyocytes from Human Embryonic and Induced Pluripotent Stem Cells by VCAM1 Surface Expression. <i>PLoS ONE</i> , 2011, 6, e23657.	1.1	272
16	Establishment of embryonic stem cell lines from cynomolgus monkey blastocysts produced by IVF or ICSI. <i>Developmental Dynamics</i> , 2001, 222, 273-279.	0.8	263
17	Generation of neural crest-derived peripheral neurons and floor plate cells from mouse and primate embryonic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5828-5833.	3.3	260
18	Nanog expression in mouse germ cell development. <i>Gene Expression Patterns</i> , 2005, 5, 639-646.	0.3	257

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19	Cloning of inv, a gene that controls left/right asymmetry and kidney development. Nature, 1998, 395, 177-181.	13.7	255
20	MITOPLD Is a Mitochondrial Protein Essential for Nuage Formation and piRNA Biogenesis in the Mouse Germline. Developmental Cell, 2011, 20, 364-375.	3.1	250
21	Pluripotential competence of cells associated with Nanog activity. Mechanisms of Development, 2005, 122, 67-79.	1.7	238
22	A Small Molecule that Promotes Cardiac Differentiation of Human Pluripotent Stem Cells under Defined, Cytokine- and Xeno-free Conditions. Cell Reports, 2012, 2, 1448-1460.	2.9	234
23	MVH in piRNA processing and gene silencing of retrotransposons. Genes and Development, 2010, 24, 887-892.	2.7	219
24	Tdrd1/Mtr-1, a tudor-related gene, is essential for male germ-cell differentiation and nuage/germinal granule formation in mice. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15894-15899.	3.3	211
25	In Vitro and In Vivo Characterization of Pigment Epithelial Cells Differentiated from Primate Embryonic Stem Cells. , 2004, 45, 1020.		209
26	Histone Code Modifications on Pluripotential Nuclei of Reprogrammed Somatic Cells. Molecular and Cellular Biology, 2004, 24, 5710-5720.	1.1	191
27	Recombinant human laminin isoforms can support the undifferentiated growth of human embryonic stem cells. Biochemical and Biophysical Research Communications, 2008, 375, 27-32.	1.0	187
28	Autonomous Transition into Meiosis of Mouse Fetal Germ Cells in Vitro and Its Inhibition by gp130-Mediated Signaling. Developmental Biology, 2001, 229, 468-479.	0.9	182
29	A mouse embryonic stem cell line showing pluripotency of differentiation in early embryos and ubiquitous Î²-galactosidase expression. Cell Differentiation and Development, 1990, 29, 181-186.	0.4	179
30	Homing of Mouse Spermatogonial Stem Cells to Germline Niche Depends on Î²1-Integrin. Cell Stem Cell, 2008, 3, 533-542.	5.2	170
31	Long-Term Culture of Male Germline Stem Cells From Hamster Testes1. Biology of Reproduction, 2008, 78, 611-617.	1.2	165
32	Human Leukocyte Antigen Matching Estimations in a Hypothetical Bank of Human Embryonic Stem Cell Lines in the Japanese Population for Use in Cell Transplantation Therapy. Stem Cells, 2007, 25, 983-985.	1.4	161
33	Establishment of Novel Embryonic Stem Cell Lines Derived from the Common Marmoset (Callithrix) Tj ETQq1 1 0.784314 rgBT <sub>1</sub> /Overl... 1.4 152		
34	Adipogenic differentiation of human induced pluripotent stem cells: Comparison with that of human embryonic stem cells. FEBS Letters, 2009, 583, 1029-1033.	1.3	140
35	Tudor-related proteins TDRD1/MTR-1, TDRD6 and TDRD7/TRAP: Domain composition, intracellular localization, and function in male germ cells in mice. Developmental Biology, 2007, 301, 38-52.	0.9	139
36	Pathway for Differentiation of Human Embryonic Stem Cells to Vascular Cell Components and Their Potential for Vascular Regeneration. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 2127-2134.	1.1	136

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37	Retinoic Acid Is a Potent Growth Activator of Mouse Primordial Germ Cells in Vitro. <i>Developmental Biology</i> , 1995, 168, 683-685.	0.9	133
38	<i>Tdrd7</i> ( <i>Tdrd7</i> ) is essential for dynamic ribonucleoprotein (RNP) remodeling of chromatoid bodies during spermatogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10579-10584.	3.3	126
39	Ultrastructural characterization of spermatogenesis and its evolutionary conservation in the germline: Germinal granules in mammals. <i>Molecular and Cellular Endocrinology</i> , 2009, 306, 17-23.	1.6	122
40	Role of <i>SOX2</i> in maintaining pluripotency of human embryonic stem cells. <i>Genes To Cells</i> , 2010, 15, 455-470.	0.5	120
41	Spermatogenesis from epiblast and primordial germ cells following transplantation into postnatal mouse testis. <i>Development (Cambridge)</i> , 2005, 132, 117-122.	1.2	119
42	RNF17, a component of the mammalian germ cell nuage, is essential for spermiogenesis. <i>Development (Cambridge)</i> , 2005, 132, 4029-4039.	1.2	119
43	Experimental manipulation of a contact guidance system in amphibian gastrulation by mechanical tension. <i>Nature</i> , 1984, 307, 453-455.	13.7	118
44	Induction and Enhancement of Cardiac Cell Differentiation from Mouse and Human Induced Pluripotent Stem Cells with Cyclosporin-A. <i>PLoS ONE</i> , 2011, 6, e16734.	1.1	116
45	A 3D Sphere Culture System Containing Functional Polymers for Large-Scale Human Pluripotent Stem Cell Production. <i>Stem Cell Reports</i> , 2014, 2, 734-745.	2.3	114
46	Mouse Tudor Repeat-1 (MTR-1) is a novel component of chromatoid bodies/nuages in male germ cells and forms a complex with snRNPs. <i>Mechanisms of Development</i> , 2003, 120, 979-990.	1.7	113
47	Highly efficient transient gene expression and gene targeting in primate embryonic stem cells with helper-dependent adenoviral vectors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13781-13786.	3.3	111
48	Conditional knockdown of Nanog induces apoptotic cell death in mouse migrating primordial germ cells. <i>Development (Cambridge)</i> , 2009, 136, 4011-4020.	1.2	111
49	Progressive maturation in contracting cardiomyocytes derived from human embryonic stem cells: Qualitative effects on electrophysiological responses to drugs. <i>Stem Cell Research</i> , 2010, 4, 201-213.	0.3	108
50	Human Pluripotent Stem Cell-Derived Cardiac Tissue-like Constructs for Repairing the Infarcted Myocardium. <i>Stem Cell Reports</i> , 2017, 9, 1546-1559.	2.3	107
51	ETHICS: The ISSCR Guidelines for Human Embryonic Stem Cell Research. <i>Science</i> , 2007, 315, 603-604.	6.0	104
52	Highly Efficient Differentiation and Enrichment of Spinal Motor Neurons Derived from Human and Monkey Embryonic Stem Cells. <i>PLoS ONE</i> , 2009, 4, e6722.	1.1	94
53	A simple and efficient cryopreservation method for primate embryonic stem cells. <i>International Journal of Developmental Biology</i> , 2004, 48, 1149-1154.	0.3	93
54	Targeted chromosome elimination from ES-somatic hybrid cells. <i>Nature Methods</i> , 2007, 4, 23-25.	9.0	90

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55	PRDM14 suppresses expression of differentiation marker genes in human embryonic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 367, 899-905.	1.0	89
56	Pluripotency of reprogrammed somatic genomes in embryonic stem hybrid cells. <i>Developmental Dynamics</i> , 2003, 227, 504-510.	0.8	88
57	A Method for the Selection of Human Embryonic Stem Cell Sublines with High Replating Efficiency After Single-Cell Dissociation. <i>Stem Cells</i> , 2006, 24, 2649-2660.	1.4	88
58	In vitro differentiation and maturation of mouse embryonic stem cells into hepatocytes. <i>Experimental Cell Research</i> , 2005, 309, 68-77.	1.2	85
59	Phenotypic Plasticity of Mouse Spermatogonial Stem Cells. <i>PLoS ONE</i> , 2009, 4, e7909.	1.1	85
60	STAT3 Is Dispensable for Maintenance of Self-Renewal in Nonhuman Primate Embryonic Stem Cells. <i>Stem Cells</i> , 2004, 22, 861-872.	1.4	77
61	Development of primitive and definitive hematopoiesis from nonhuman primate embryonic stem cells in vitro. <i>Development (Cambridge)</i> , 2004, 131, 1869-1879.	1.2	75
62	Fibronectin visualized by scanning electron microscopy immunocytochemistry on the substratum for cell migration in <i>Xenopus laevis</i> gastrulae. <i>Developmental Biology</i> , 1985, 107, 264-268.	0.9	74
63	Granule cell behavior on laminin in cerebellar microexplant cultures. <i>Developmental Brain Research</i> , 1990, 52, 63-73.	2.1	74
64	Rats produced by interspecies spermatogonial transplantation in mice and in vitro microinsemination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 13624-13628.	3.3	72
65	Effects of extracellular matrixes and growth factors on the hepatic differentiation of human embryonic stem cells. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, G313-G321.	1.6	72
66	Abnormal DNA Methyltransferase Expression in Mouse Germline Stem Cells Results in Spermatogenic Defects1. <i>Biology of Reproduction</i> , 2009, 81, 155-164.	1.2	72
67	Development of a reentrant arrhythmia model in human pluripotent stem cell-derived cardiac cell sheets. <i>European Heart Journal</i> , 2013, 34, 1147-1156.	1.0	72
68	Tumor Necrosis Factor- $\alpha$ (TNF- $\alpha$ ) Stimulates Proliferation of Mouse Primordial Germ Cells in Culture. <i>Developmental Biology</i> , 1994, 161, 91-95.	0.9	71
69	Efficient Multicistronic Expression of a Transgene in Human Embryonic Stem Cells. <i>Stem Cells</i> , 2007, 25, 1707-1712.	1.4	71
70	Transplantation of neural cells derived from retinoic acid-treated cynomolgus monkey embryonic stem cells successfully improved motor function of hemiplegic mice with experimental brain injury. <i>Neurobiology of Disease</i> , 2005, 20, 38-48.	2.1	70
71	Endodermal differentiation of human pluripotent stem cells to insulin-producing cells in 3D culture. <i>Scientific Reports</i> , 2014, 4, 4488.	1.6	70
72	Tumour invasion and metastasis are promoted in mice deficient in tenascin-X. <i>Genes To Cells</i> , 2001, 6, 1101-1111.	0.5	67

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73	Proto-oncogene of <i>int3</i> , a mouse Notch homologue, is expressed in endothelial cells during early embryogenesis. <i>Genes To Cells</i> , 1997, 2, 213-224.	0.5	66
74	Tissue-specific demethylation in CpG-poor promoters during cellular differentiation. <i>Human Molecular Genetics</i> , 2011, 20, 2710-2721.	1.4	66
75	Genetically Manipulated Human Embryonic Stem Cell-Derived Dendritic Cells with Immune Regulatory Function. <i>Stem Cells</i> , 2007, 25, 2720-2729.	1.4	63
76	In Vitro Germ Cell Differentiation from Cynomolgus Monkey Embryonic Stem Cells. <i>PLoS ONE</i> , 2009, 4, e5338.	1.1	61
77	Associations between PIWI proteins and TDRD1/MTR are critical for integrated subcellular localization in murine male germ cells. <i>Genes To Cells</i> , 2009, 14, 1155-1165.	0.5	58
78	Pod-1/Capsulin shows a sex- and stage-dependent expression pattern in the mouse gonad development and represses expression of Ad4BP/SF-1. <i>Mechanisms of Development</i> , 2001, 102, 135-144.	1.7	57
79	In vivo transfection of testicular germ cells and transgenesis by using the mitochondrially localized jellyfish fluorescent protein gene. <i>FEBS Letters</i> , 2000, 487, 248-251.	1.3	55
80	Transplantation of Embryonic Stem Cell-Derived Endodermal Cells into Mice with Induced Lethal Liver Damage. <i>Stem Cells</i> , 2007, 25, 3252-3260.	1.4	54
81	Nanofibrous gelatin substrates for long-term expansion of human pluripotent stem cells. <i>Biomaterials</i> , 2014, 35, 6259-6267.	5.7	54
82	Mammalian BarH1 Confers Commissural Neuron Identity on Dorsal Cells in the Spinal Cord. <i>Journal of Neuroscience</i> , 2003, 23, 1987-1991.	1.7	53
83	Cell locomotion in vitro by <i>Xenopus laevis</i> gastrula mesodermal cells. <i>Cell Motility</i> , 1982, 2, 149-161.	1.9	52
84	Gene Transfection of Mouse Primordial Germ Cells in Vitro and Analysis of Their Survival and Growth Control. <i>Experimental Cell Research</i> , 1997, 230, 76-83.	1.2	51
85	RNA interference during spermatogenesis in mice. <i>Developmental Biology</i> , 2005, 282, 524-534.	0.9	51
86	Wnt Signaling Orchestration with a Small Molecule DYRK Inhibitor Provides Long-Term Xeno-Free Human Pluripotent Cell Expansion. <i>Stem Cells Translational Medicine</i> , 2012, 1, 18-28.	1.6	51
87	Efficient Adhesion Culture of Human Pluripotent Stem Cells Using Laminin Fragments in an Uncoated Manner. <i>Scientific Reports</i> , 2017, 7, 41165.	1.6	50
88	Combination of Functional Cardiomyocytes Derived from Human Stem Cells and a Highly-Efficient Microelectrode Array System: An Ideal Hybrid Model Assay for Drug Development. <i>Current Stem Cell Research and Therapy</i> , 2010, 5, 227-232.	0.6	48
89	Efficient and Accurate Homologous Recombination in hESCs and hiPSCs Using Helper-dependent Adenoviral Vectors. <i>Molecular Therapy</i> , 2012, 20, 424-431.	3.7	47
90	Gene targeting in human pluripotent stem cells with adeno-associated virus vectors. <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 711-717.	1.0	46

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91	NANOG maintains self-renewal of primate ES cells in the absence of a feeder layer. <i>Genes To Cells</i> , 2006, 11, 1115-1123.	0.5	44
92	Identification of Chemicals Inducing Cardiomyocyte Proliferation in Developmental Stage-specific Manner With Pluripotent Stem Cells. <i>Circulation: Cardiovascular Genetics</i> , 2013, 6, 624-633.	5.1	44
93	Haploinsufficiency of Bcl-x leads to male-specific defects in fetal germ cells: differential regulation of germ cell apoptosis between the sexes. <i>Developmental Biology</i> , 2003, 264, 202-216.	0.9	43
94	A Chemical Probe that Labels Human Pluripotent Stem Cells. <i>Cell Reports</i> , 2014, 6, 1165-1174.	2.9	42
95	Efficient integration of transgenes into a defined locus in human embryonic stem cells. <i>Nucleic Acids Research</i> , 2010, 38, e96-e96.	6.5	40
96	Nano-on-micro fibrous extracellular matrices for scalable expansion of human ES/iPS cells. <i>Biomaterials</i> , 2017, 124, 47-54.	5.7	40
97	Cell Locomotion and Contact Guidance in Amphibian Gastrulation. <i>American Zoologist</i> , 1984, 24, 615-627.	0.7	39
98	Formation of the Primitive Streak and Mesoderm Cells in Mouse Embryos-Detailed Scanning Electron Microscopical Study. (primitive streak/cell migration/extracellular matrix/mouse) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (gastrulation)</i> 209-218.	0.6	36
99	Production of Transgenic Rats via Lentiviral Transduction and Xenogeneic Transplantation of Spermatogonial Stem Cells <sup>1</sup> . <i>Biology of Reproduction</i> , 2008, 79, 1121-1128.	1.2	36
100	Two dimensional electrophysiological characterization of human pluripotent stem cell-derived cardiomyocyte system. <i>Scientific Reports</i> , 2017, 7, 43210.	1.6	35
101	Autonomous Regulation of Proliferation and Growth Arrest in Mouse Primordial Germ Cells Studied by Mixed and Clonal Cultures. <i>Experimental Cell Research</i> , 1996, 222, 291-297.	1.2	34
102	Insulators prevent transcriptional interference between two promoters in a double gene construct for transgenesis. <i>FEBS Letters</i> , 2002, 520, 47-52.	1.3	34
103	Laminin Fibrils in Newt Gastrulae Visualized by the Immunofluorescent Staining. (gastrulation/laminin/immunofluorescent staining/newt/amphibian). <i>Development Growth and Differentiation</i> , 1985, 27, 639-643.	0.6	33
104	Alpha-fetoprotein producing cells act as cancer progenitor cells in human cholangiocarcinoma. <i>Cancer Letters</i> , 2010, 294, 25-34.	3.2	33
105	Embryonic Stem Cell Lines of Nonhuman Primates. <i>Scientific World Journal, The</i> , 2002, 2, 1762-1773.	0.8	32
106	Simple and Highly Efficient Method for Production of Endothelial Cells from Human Embryonic Stem Cells. <i>Cell Transplantation</i> , 2011, 20, 1423-1430.	1.2	30
107	Electroporation of cynomolgus monkey embryonic stem cells. <i>Genesis</i> , 2003, 37, 180-187.	0.8	29
108	Induction of Corneal Epithelium-like Cells From Cynomolgus Monkey Embryonic Stem Cells and Their Experimental Transplantation to Damaged Cornea. <i>Cornea</i> , 2010, 29, 432-438.	0.9	27

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109	Cell lineage analyses of epithelia and blood vessels in chimeric mouse embryos by use of an embryonic stem cell line expressing the $\beta$ -galactosidase gene. <i>Cell Differentiation and Development</i> , 1990, 29, 187-194.	0.4	25
110	The SMAD2/3 corepressor SNON maintains pluripotency through selective repression of mesendodermal genes in human ES cells. <i>Genes and Development</i> , 2012, 26, 2471-2476.	2.7	25
111	Amyotrophic Lateral Sclerosis Model Derived from Human Embryonic Stem Cells Overexpressing Mutant Superoxide Dismutase 1. <i>Stem Cells Translational Medicine</i> , 2012, 1, 396-402.	1.6	24
112	In vitro hepatic maturation of human embryonic stem cells by using a mesenchymal cell line derived from murine fetal livers. <i>Cell and Tissue Research</i> , 2010, 339, 505-512.	1.5	23
113	BMS-708163 and Nilotinib restore synaptic dysfunction in human embryonic stem cell-derived Alzheimer's disease models. <i>Scientific Reports</i> , 2016, 6, 33427.	1.6	22
114	Alpha-fetoprotein-producing pancreatic cancer cells possess cancer stem cell characteristics. <i>Cancer Letters</i> , 2011, 308, 152-161.	3.2	20
115	Radial Columnar Patches in the Chimeric Cerebral Cortex Visualized by Use of Mouse Embryonic Stem Cells Expressing beta-Galactosidase. (mouse chimera/ES cell/cerebral cortex/beta-galactosidase). <i>Development Growth and Differentiation</i> , 1991, 33, 571-578.	0.6	19
116	Filopodia and growth cones in the vertically migrating granule cells of the postnatal mouse cerebellum. <i>Experimental Brain Research</i> , 1997, 117, 17-29.	0.7	19
117	Identification of small molecules that promote human embryonic stem cell self-renewal. <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 710-716.	1.0	18
118	Dynamic Link between Histone H3 Acetylation and an Increase in the Functional Characteristics of Human ESC/iPSC-Derived Cardiomyocytes. <i>PLoS ONE</i> , 2012, 7, e45010.	1.1	16
119	Establishment of a Cell Line Derived from a Mouse Fetal Liver That Has the Characteristic to Promote the Hepatic Maturation of Mouse Embryonic Stem Cells by a Coculture Method. <i>Tissue Engineering - Part A</i> , 2009, 15, 3847-3856.	1.6	15
120	The modeling of Alzheimer's disease by the overexpression of mutant Presenilin 1 in human embryonic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 587-592.	1.0	14
121	Cardiomyocytes develop from anterior primitive streak cells induced by $\beta$ -catenin activation and the blockage of BMP signaling in hESCs. <i>Genes To Cells</i> , 2010, 15, 1216-1227.	0.5	13
122	Redefining the Concept of Standardization for Pluripotent Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 221-226.	5.6	13
123	Amyotrophic lateral sclerosis models derived from human embryonic stem cells with different superoxide dismutase 1 mutations exhibit differential drug responses. <i>Stem Cell Research</i> , 2015, 15, 459-468.	0.3	13
124	Establishment of the Gene-Inducible System in Primate Embryonic Stem Cell Lines. <i>Stem Cells</i> , 2006, 24, 2566-2572.	1.4	12
125	Rapid Induction of Large Chromosomal Deletions by a Cre/Inverted loxP System in Mouse ES Cell Hybrids. <i>Journal of Molecular Biology</i> , 2008, 378, 328-336.	2.0	12
126	Extracellular Recordings of Patterned Human Pluripotent Stem Cell-Derived Cardiomyocytes on Aligned Fibers. <i>Stem Cells International</i> , 2016, 2016, 1-9.	1.2	12



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127	Migration Behavior of Granule Cell Neurons in Cerebellar Cultures I. A PKH26 Labeling Study in Microexplant and Organotypic Cultures. (mouse cerebellar granule cell/microexplant) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 1994, 36, 19-27.	0.6	11
128	Target chromosomes of inducible deletion by a Cre/inverted loxP system in mouse embryonic stem cells. Chromosome Research, 2009, 17, 443-450.	1.0	11
129	Comparative Study of Transplantation of Hepatocytes at Various Differentiation Stages into Mice with Lethal Liver Damage. Cell Transplantation, 2012, 21, 2351-2362.	1.2	11
130	Optimization of slow cooling cryopreservation for human pluripotent stem cells. Genesis, 2014, 52, 49-55.	0.8	11
131	A Synthetic Hybrid Molecule for the Selective Removal of Human Pluripotent Stem Cells from Cell Mixtures. Angewandte Chemie - International Edition, 2017, 56, 1765-1770.	7.2	11
132	PARI Regulates Stalled Replication Fork Processing To Maintain Genome Stability upon Replication Stress in Mice. Molecular and Cellular Biology, 2017, 37, .	1.1	11
133	Overexpression of Nuclear Receptor 5A1 Induces and Maintains an Intermediate State of Conversion between Primed and Naive Pluripotency. Stem Cell Reports, 2020, 14, 506-519.	2.3	11
134	Migration Behavior of Granule Cell Neurons in Cerebellar Cultures. II. An Electron Microscopic Study. (cerebellar granule cells/microexplant cultures/filopodia/cytoskeletal elements/electron) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457	0.6	10
135	A combination of Buffalo rat liver cell-conditioned medium, forskolin and membrane-bound stem cell factor stimulates rapid proliferation of mouse primordial germ cells in vitro similar to that in vivo. Development Growth and Differentiation, 1996, 38, 315-322.	0.6	10
136	Isolation and characterization of ventricular-like cells derived from NKX2-5 and MLC2v double knock-in human pluripotent stem cells. Biochemical and Biophysical Research Communications, 2018, 495, 1278-1284.	1.0	9
137	Growth and Differentiation of Cynomolgus Monkey ES Cells. Methods in Enzymology, 2003, 365, 417-429.	0.4	8
138	Irrational Japanese regulations hinder human embryonic stem cell research. Nature Reports Stem Cells, 2007, , .	0.1	8
139	Role of retinoic acid and fibroblast growth factor 2 in neural differentiation from cynomolgus monkey (Macaca fascicularis) embryonic stem cells. Comparative Medicine, 2014, 64, 140-7.	0.4	8
140	Testatin transgenic and knockout mice exhibit normal sex-differentiation. Biochemical and Biophysical Research Communications, 2006, 341, 369-375.	1.0	6
141	SDF1/CXCR4 contributes to neural regeneration in hemiplegic mice with a monkey ES-cell-derived neural graft. Inflammation and Regeneration, 2010, 30, 193-205.	1.5	6
142	Development of Postimplantation Mouse Embryos: Unexplored Field Rich in Unanswered Questions. (gastrulation/primordial germ cell/neurulation/stem cell/cell lineage). Development Growth and Differentiation, 1992, 34, 489-499.	0.6	4
143	Molecular Cloning and Function of Oct-3 Isoforms in Cynomolgus Monkey Embryonic Stem Cells. Stem Cells and Development, 2006, 15, 566-574.	1.1	4
144	Culture of Embryonic Cells for Analysis of Amphibian and Mammalian Early Embryogenesis. , 1991, , 43-56.		1

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145	Multidisciplinary research of human pluripotent stem cells for application to cell therapy and drug discovery. <i>Tissue Engineering and Regenerative Medicine</i> , 2013, 10, 160-163.	1.6	1
146	A Synthetic Hybrid Molecule for the Selective Removal of Human Pluripotent Stem Cells from Cell Mixtures. <i>Angewandte Chemie</i> , 2017, 129, 1791-1796.	1.6	1
147	Quantitative Analysis of Striped Coat-Color Patterns in Large White $\times$ Duroc Chimeric Pigs With Special Reference to the Genetic Control Mechanisms of the Dominant Black-Eyed White Phenotype. <i>Pigment Cell &amp; Melanoma Research</i> , 1996, 9, 289-297.	4.0	0
148	Genetic modification of primate embryonic stem cells. <i>Human Cell</i> , 2008, 17, 219-222.	1.2	0
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