

Akihiro Umezawa

List of Publications by Year in descending order

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303
papers

14,663
citations

21215

62
h-index

29333

108
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319
all docs

319
docs citations

319
times ranked

20545
citing authors

#	ARTICLE	IF	CITATIONS
1	Puromycin-based purification of cells with high expression of the cytochrome P450 CYP3A4 gene from a patient with drug-induced liver injury (DILI). <i>Stem Cell Research and Therapy</i> , 2022, 13, 6.	2.4	11
2	Functional Evaluation of Human Bioengineered Cardiac Tissue Using iPS Cells Derived from a Patient with Lamin Variant Dilated Cardiomyopathy. <i>International Heart Journal</i> , 2022, 63, 338-346.	0.5	5
3	Drug metabolic activity is a critical cell-intrinsic determinant for selection of hepatocytes during long-term culture. <i>Stem Cell Research and Therapy</i> , 2022, 13, 104.	2.4	8
4	Evaluation of photoreceptor-directed fibroblasts derived from retinitis pigmentosa patients with defects in the EYS gene: a possible cost-effective cellular model for mechanism-oriented drug. <i>Stem Cell Research and Therapy</i> , 2022, 13, 157.	2.4	2
5	PTCH1-null induced pluripotent stem cells exclusively differentiate into immature ectodermal cells with large areas of medulloblastoma-like tissue. <i>Discover Oncology</i> , 2022, 13, .	0.8	4
6	A single allele of the hsa-miR-302/367 cluster maintains human pluripotent stem cells. <i>Regenerative Therapy</i> , 2022, 21, 37-45.	1.4	3
7	SOD1-interacting proteins: Roles of aggregation cores and protein degradation systems. <i>Neuroscience Research</i> , 2021, 170, 295-305.	1.0	5
8	Identification of an epigenetic signature in human induced pluripotent stem cells using a linear machine learning model. <i>Human Cell</i> , 2021, 34, 99-110.	1.2	8
9	Humanized liver mouse model with transplanted human hepatocytes from patients with ornithine transcarbamylase deficiency. <i>Journal of Inherited Metabolic Disease</i> , 2021, 44, 618-628.	1.7	12
10	Human Pluripotent Stem Cell-Derived Organoids as a Model of Intestinal Xenobiotic Metabolism. <i>StemJournal</i> , 2021, 3, 1-10.	0.8	3
11	Endometrial regeneration with endometrial epithelium: homologous orchestration with endometrial stroma as a feeder. <i>Stem Cell Research and Therapy</i> , 2021, 12, 130.	2.4	10
12	Ammonia-based enrichment and long-term propagation of zone I hepatocyte-like cells. <i>Scientific Reports</i> , 2021, 11, 11381.	1.6	10
13	11-Ketotestosterone is a major androgen produced in porcine adrenal glands and testes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 210, 105847.	1.2	12
14	Deletion of lncRNA XACT does not change expression dosage of X-linked genes, but affects differentiation potential in hPSCs. <i>Cell Reports</i> , 2021, 35, 109222.	2.9	12
15	Restoration of keratinocytic phenotypes in autonomous trisomy-rescued cells. <i>Stem Cell Research and Therapy</i> , 2021, 12, 476.	2.4	1
16	Relationships between <i>Slc1a5</i> and Osteoclastogenesis. <i>Comparative Medicine</i> , 2021, 71, 285-294.	0.4	3
17	De novo DNA methyltransferases DNMT3A and DNMT3B are essential for XIST silencing for erosion of dosage compensation in pluripotent stem cells. <i>Stem Cell Reports</i> , 2021, 16, 2138-2148.	2.3	14
18	Prenatal enzyme replacement therapy for <i>Akp2</i> ^{+/+} mice with lethal hypophosphatasia. <i>Regenerative Therapy</i> , 2021, 18, 168-175.	1.4	1

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19	Laminin-511-derived recombinant fragment and Rho kinase inhibitor Y-27632 facilitate serial cultivation of keratinocytes differentiated from human embryonic stem cells. <i>Regenerative Therapy</i> , 2021, 18, 242-252.	1.4	6
20	Smartphone application improves fertility treatment-related literacy in a large-scale virtual randomized controlled trial in Japan. <i>Npj Digital Medicine</i> , 2021, 4, 163.	5.7	3
21	Transcriptomic features of trophoblast lineage cells derived from human induced pluripotent stem cells treated with BMP 4. <i>Placenta</i> , 2020, 89, 20-32.	0.7	12
22	Evaluation of 17 β -hydroxysteroid dehydrogenase activity using androgen receptor-mediated transactivation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 196, 105493.	1.2	20
23	Imprinted X chromosome inactivation impacts primitive endoderm differentiation in mouse blastocysts. <i>FEBS Letters</i> , 2020, 594, 913-923.	1.3	0
24	Extra-mitochondrial citrate synthase initiates calcium oscillation and suppresses age-dependent sperm dysfunction. <i>Laboratory Investigation</i> , 2020, 100, 583-595.	1.7	21
25	Establishment of a Gorlin syndrome model from induced neural progenitor cells exhibiting constitutive GLI1 expression and high sensitivity to inhibition by smoothed (SMO). <i>Laboratory Investigation</i> , 2020, 100, 657-664.	1.7	5
26	Effect of cell culture biomaterials for completely xeno-free generation of human induced pluripotent stem cells. <i>Biomaterials</i> , 2020, 230, 119638.	5.7	31
27	Long-term observation of airway reconstruction using decellularized tracheal allografts in micro-miniature pigs at growing stage. <i>Regenerative Therapy</i> , 2020, 15, 64-69.	1.4	5
28	Immortalization of human hepatocytes from biliary atresia with CDK4R24C, cyclin D1, and TERT for cytochrome P450 induction testing. <i>Scientific Reports</i> , 2020, 10, 17503.	1.6	8
29	High-precision multiclass cell classification by supervised machine learning on lectin microarray data. <i>Regenerative Therapy</i> , 2020, 15, 195-201.	1.4	4
30	Application of Mesenchymal Stem Cell Therapy and Inner Ear Regeneration for Hearing Loss: A Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5764.	1.8	22
31	The combination of dibenzazepine and a DOT1L inhibitor enables a stable maintenance of human naïve-state pluripotency in non-hypoxic conditions. <i>Regenerative Therapy</i> , 2020, 15, 161-168.	1.4	5
32	Generation and Profiling of 2,135 Human ESC Lines for the Systematic Analyses of Cell States Perturbed by Inducing Single Transcription Factors. <i>Cell Reports</i> , 2020, 31, 107655.	2.9	28
33	Japanese clinical practice guidelines for vascular anomalies 2017. <i>Japanese Journal of Radiology</i> , 2020, 38, 287-342.	1.0	16
34	The hsa-miR-302 cluster controls ectodermal differentiation of human pluripotent stem cell via repression of DAZAP2. <i>Regenerative Therapy</i> , 2020, 15, 1-9.	1.4	8
35	Gorlin syndrome-induced pluripotent stem cells form medulloblastoma with loss of heterozygosity in PTCH1. <i>Aging</i> , 2020, 12, 9935-9947.	1.4	12
36	Research and Development Strategy for Future Embryonic Stem Cell-Based Therapy in Japan. <i>JMA Journal</i> , 2020, 3, 287-294.	0.6	5

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37	DNA Methylation Status of SHOX-Flanking CpG Islands in Healthy Individuals and Short Stature Patients with Pseudoautosomal Copy Number Variations. <i>Cytogenetic and Genome Research</i> , 2019, 158, 56-62.	0.6	7
38	The design of a thermoresponsive surface for the continuous culture of human pluripotent stem cells. <i>Biomaterials</i> , 2019, 221, 119411.	5.7	18
39	Xeno-free and feeder-free culture and differentiation of human embryonic stem cells on recombinant vitronectin-grafted hydrogels. <i>Biomaterials Science</i> , 2019, 7, 4345-4362.	2.6	14
40	Frequent retrotransposition of endogenous genes in ERCC2-deficient cells derived from a patient with xeroderma pigmentosum. <i>Stem Cell Research and Therapy</i> , 2019, 10, 273.	2.4	1
41	The effect of human platelet lysate on the differentiation ability of human adipose-derived stem cells cultured on ECM-coated surfaces. <i>Journal of Materials Chemistry B</i> , 2019, 7, 7110-7119.	2.9	17
42	Amnion-derived cells as a reliable resource for next-generation regenerative medicine. <i>Placenta</i> , 2019, 84, 50-56.	0.7	27
43	Zscan5b Deficiency Impairs DNA Damage Response and Causes Chromosomal Aberrations during Mitosis. <i>Stem Cell Reports</i> , 2019, 12, 1366-1379.	2.3	6
44	Transcriptional Regulation of Ovarian Steroidogenic Genes: Recent Findings Obtained from Stem Cell-Derived Steroidogenic Cells. <i>BioMed Research International</i> , 2019, 2019, 1-13.	0.9	19
45	Cyclooxygenase-2 is acutely induced by CCAAT/enhancer-binding protein 1 β to produce prostaglandin E ₂ and F ₂ Is following gonadotropin stimulation in Leydig cells. <i>Molecular Reproduction and Development</i> , 2019, 86, 786-797.	1.0	7
46	Efficacy and safety of sirolimus treatment for intractable lymphatic anomalies: A study protocol for an open-label, single-arm, multicenter, prospective study (SILA). <i>Regenerative Therapy</i> , 2019, 10, 84-91.	1.4	26
47	Autonomous trisomic rescue of Down syndrome cells. <i>Laboratory Investigation</i> , 2019, 99, 885-897.	1.7	17
48	Membrane protein CD9 is repositioned and released to enhance uterine function. <i>Laboratory Investigation</i> , 2019, 99, 200-209.	1.7	5
49	Bacterial type III secretion system as a protein delivery tool for a broad range of biomedical applications. <i>Biotechnology Advances</i> , 2018, 36, 482-493.	6.0	40
50	Ubiquitin-activating enzyme E1 inhibitor PYR-41 retards sperm enlargement after fusion to the egg. <i>Reproductive Toxicology</i> , 2018, 76, 71-77.	1.3	2
51	Modeling lethal X-linked genetic disorders in pigs with ensured fertility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 708-713.	3.3	27
52	DNA hypermethylation enhanced telomerase reverse transcriptase expression in human-induced pluripotent stem cells. <i>Human Cell</i> , 2018, 31, 78-86.	1.2	31
53	The manner of decay of genetically defective EYS gene transcripts in photoreceptor-directed fibroblasts derived from retinitis pigmentosa patients depends on the type of mutation. <i>Stem Cell Research and Therapy</i> , 2018, 9, 279.	2.4	12
54	Chemotactic behavior of egg mitochondria in response to sperm fusion in mice. <i>Heliyon</i> , 2018, 4, e00944.	1.4	2

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55	Tumorigenicity-associated characteristics of human iPS cell lines. PLoS ONE, 2018, 13, e0205022.	1.1	58
56	Bone marrow-derived mesenchymal stem cells inhibit vascular smooth muscle cell proliferation and neointimal hyperplasia after arterial injury in rats. Biochemistry and Biophysics Reports, 2018, 16, 79-87.	0.7	14
57	Epigenetic-scale comparison of human iPSCs generated by retrovirus, Sendai virus or episomal vectors. Regenerative Therapy, 2018, 9, 71-78.	1.4	16
58	Variation in the Phenotype of Photosensitive Cells Produced from Human Fibroblast Cell Lines. Journal of Nippon Medical School, 2018, 85, 110-116.	0.3	2
59	Degradation of phosphate polymer polyP enhances lactic fermentation in mice. Genes To Cells, 2018, 23, 904-914.	0.5	8
60	Autophagy-disrupted LC3 abundance leads to death of supporting cells of human oocytes. Biochemistry and Biophysics Reports, 2018, 15, 107-114.	0.7	14
61	Present State and Future Prospects of Pediatric Liver Transplantations. JMA Journal, 2018, 1, 50-56.	0.6	5
62	Anteroposterior Patterning of Gene Expression in the Human Infant Sclera: Chondrogenic Potential and Wnt Signaling. Current Eye Research, 2017, 42, 145-154.	0.7	4
63	The serine 106 residue within the N-terminal transactivation domain is crucial for Oct4 function in mice. Zygote, 2017, 25, 197-204.	0.5	0
64	Fetal Therapy Model of Myelomeningocele with Three-Dimensional Skin Using Amniotic Fluid Cell-Derived Induced Pluripotent Stem Cells. Stem Cell Reports, 2017, 8, 1701-1713.	2.3	30
65	Somatic mosaicism containing double mutations in <i>PTCH1</i> revealed by generation of induced pluripotent stem cells from nevoid basal cell carcinoma syndrome. Journal of Medical Genetics, 2017, 54, 579-584.	1.5	13
66	Paradoxical gain-of-function mutant of the G-protein-coupled receptor <i>PROKR2</i> promotes early puberty. Journal of Cellular and Molecular Medicine, 2017, 21, 2623-2626.	1.6	24
67	Efficient production of trophoblast lineage cells from human induced pluripotent stem cells. Laboratory Investigation, 2017, 97, 1188-1200.	1.7	21
68	A xenogeneic-free system generating functional human gut organoids from pluripotent stem cells. JCI Insight, 2017, 2, e86492.	2.3	61
69	Airway reconstruction using decellularized tracheal allografts in a porcine model. Pediatric Surgery International, 2017, 33, 1065-1071.	0.6	22
70	Transplanted mesenchymal stem cells are effective for skin regeneration in acute cutaneous wounds of pigs. Regenerative Therapy, 2017, 7, 8-16.	1.4	18
71	Birthweights and Down syndrome in neonates that were delivered after frozen-thawed embryo transfer: The 2007-2012 Japan Society of Obstetrics and Gynecology National Registry data in Japan. Reproductive Medicine and Biology, 2017, 16, 228-234.	1.0	4
72	Polymeric design of cell culture materials that guide the differentiation of human pluripotent stem cells. Progress in Polymer Science, 2017, 65, 83-126.	11.8	54

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73	Can Human Embryonic Stem Cell-Derived Stromal Cells Serve a Starting Material for Myoblasts?. <i>Stem Cells International</i> , 2017, 2017, 1-7.	1.2	3
74	Generation of Induced Pluripotent Stem Cells From Patients With Duchenne Muscular Dystrophy and Their Induction to Cardiomyocytes. <i>International Heart Journal</i> , 2016, 57, 112-117.	0.5	26
75	Embryoid Body-Explant Outgrowth Cultivation from Induced Pluripotent Stem Cells in an Automated Closed Platform. <i>BioMed Research International</i> , 2016, 2016, 1-7.	0.9	0
76	Stem Cell Therapy for Treatment of Ocular Disorders. <i>Stem Cells International</i> , 2016, 2016, 1-18.	1.2	30
77	Efficiency of Human Epiphyseal Chondrocytes with Differential Replication Numbers for Cellular Therapy Products. <i>BioMed Research International</i> , 2016, 2016, 1-13.	0.9	10
78	PDGFR- β Plays a Key Role in the Ectopic Migration of Neuroblasts in Cerebral Stroke. <i>Stem Cells</i> , 2016, 34, 685-698.	1.4	27
79	Complex Genomic Rearrangement Within the <i>GNAS</i> Region Associated With Familial Pseudohypoparathyroidism Type 1b. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2623-2627.	1.8	25
80	Distinctive features of single nucleotide alterations in induced pluripotent stem cells with different types of DNA repair deficiency disorders. <i>Scientific Reports</i> , 2016, 6, 26342.	1.6	8
81	<i>In vitro</i> transdifferentiation of human peripheral blood mononuclear cells to photoreceptor-like cells. <i>Biology Open</i> , 2016, 5, 709-719.	0.6	18
82	DNA methylation dynamics in human induced pluripotent stem cells. <i>Human Cell</i> , 2016, 29, 97-100.	1.2	28
83	<i>In vivo</i> maturation of human embryonic stem cell-derived teratoma over time. <i>Regenerative Therapy</i> , 2016, 5, 31-39.	1.4	18
84	Report of the International Regulatory Forum on Human Cell Therapy and Gene Therapy Products. <i>Biologicals</i> , 2016, 44, 467-479.	0.5	9
85	Human genetic variation database, a reference database of genetic variations in the Japanese population. <i>Journal of Human Genetics</i> , 2016, 61, 547-553.	1.1	270
86	11-Ketotestosterone Is a Major Androgen Produced in Human Gonads. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3582-3591.	1.8	73
87	Laboratory Investigation web focus on China. <i>Laboratory Investigation</i> , 2016, 96, 1144-1146.	1.7	0
88	OpenTein: a database of digital whole-slide images of stem cell-derived teratomas. <i>Nucleic Acids Research</i> , 2016, 44, D1000-D1004.	6.5	3
89	Priming with erythropoietin enhances cell survival and angiogenic effect of mesenchymal stem cell implantation in rat limb ischemia. <i>Regenerative Therapy</i> , 2016, 4, 1-8.	1.4	9
90	N- and O-glycan cell surface protein modifications associated with cellular senescence and human aging. <i>Cell and Bioscience</i> , 2016, 6, 14.	2.1	35

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91	Conditional deletion of CD98hc inhibits osteoclast development. <i>Biochemistry and Biophysics Reports</i> , 2016, 5, 203-210.	0.7	2
92	Maintenance of Xist Imprinting Depends on Chromatin Condensation State and Rnf12 Dosage in Mice. <i>PLoS Genetics</i> , 2016, 12, e1006375.	1.5	10
93	Glycolipid dynamics in generation and differentiation of induced pluripotent stem cells. <i>Scientific Reports</i> , 2015, 5, 14988.	1.6	19
94	Breast milk stimulates growth hormone secretion in infant mice, and phosphorus insufficiency disables this ability and causes dwarfism-like symptoms. <i>Regenerative Therapy</i> , 2015, 2, 49-56.	1.4	3
95	Transcriptional Dynamics of Immortalized Human Mesenchymal Stem Cells during Transformation. <i>PLoS ONE</i> , 2015, 10, e0126562.	1.1	16
96	A study on ensuring the quality and safety of pharmaceuticals and medical devices derived from the processing of human embryonic stem cells. <i>Regenerative Therapy</i> , 2015, 2, 109-122.	1.4	12
97	A study on ensuring the quality and safety of pharmaceuticals and medical devices derived from processing of autologous human induced pluripotent stem(-like) cells. <i>Regenerative Therapy</i> , 2015, 2, 81-94.	1.4	15
98	Xenogeneic-free defined conditions for derivation and expansion of human embryonic stem cells with mesenchymal stem cells. <i>Regenerative Therapy</i> , 2015, 1, 18-29.	1.4	40
99	<i>Staphylococcus epidermidis</i> is involved in a mechanism for female reproduction in mice. <i>Regenerative Therapy</i> , 2015, 1, 11-17.	1.4	1
100	Phosphorus-insufficient maternal milk is associated with ectopic expression of collagen I and female-specific bony changes in infant mouse cartilages. <i>Regenerative Therapy</i> , 2015, 1, 5-10.	1.4	2
101	A practical guide to induced pluripotent stem cell research using patient samples. <i>Laboratory Investigation</i> , 2015, 95, 4-13.	1.7	58
102	Magnetic resonance monitoring of superparamagnetic iron oxide (SPIO)-labeled stem cells transplanted into the inner ear. <i>Neuroscience Research</i> , 2015, 95, 21-26.	1.0	14
103	Whole-exome sequencing of fibroblast and its iPS cell lines derived from a patient diagnosed with xeroderma pigmentosum. <i>Genomics Data</i> , 2015, 6, 4-6.	1.3	11
104	Endochondral Ossification Model System: Designed Cell Fate of Human Epiphyseal Chondrocytes During Long-Term Implantation. <i>Journal of Cellular Physiology</i> , 2015, 230, 1376-1388.	2.0	14
105	Identification of novel steroidogenic factor 1 (SF-1)-target genes and components of the SF-1 nuclear complex. <i>Molecular and Cellular Endocrinology</i> , 2015, 408, 133-137.	1.6	7
106	Generation of primitive neural stem cells from human fibroblasts using a defined set of factors. <i>Biology Open</i> , 2015, 4, 1595-1607.	0.6	12
107	Regulation of Steroidogenesis, Development, and Cell Differentiation by Steroidogenic Factor-1 and Liver Receptor Homolog-1. <i>Zoological Science</i> , 2015, 32, 323.	0.3	28
108	Physical cues of cell culture materials lead the direction of differentiation lineages of pluripotent stem cells. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8032-8058.	2.9	67

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109	Regenerative therapy by fusion of medicine and engineering: First-in-human clinical trials with induced pluripotent stem cells and cell sheet technology: A report of the Symposium of Regenerative Medicine for Patients. <i>Regenerative Therapy</i> , 2015, 2, 2-5.	1.4	6
110	Generation of pluripotent stem cells without the use of genetic material. <i>Laboratory Investigation</i> , 2015, 95, 26-42.	1.7	62
111	The contribution of epithelial-mesenchymal transition to renal fibrosis differs among kidney disease models. <i>Kidney International</i> , 2015, 87, 233-238.	2.6	84
112	A Novel In Vitro Method for Detecting Undifferentiated Human Pluripotent Stem Cells as Impurities in Cell Therapy Products Using a Highly Efficient Culture System. <i>PLoS ONE</i> , 2014, 9, e110496.	1.1	39
113	Glucocorticoids promote neural progenitor cell proliferation derived from human induced pluripotent stem cells. <i>SpringerPlus</i> , 2014, 3, 527.	1.2	20
114	Removal of Reprogramming Transgenes Improves the Tissue Reconstitution Potential of Keratinocytes Generated From Human Induced Pluripotent Stem Cells. <i>Stem Cells Translational Medicine</i> , 2014, 3, 992-1001.	1.6	14
115	Compilation of copy number variants identified in phenotypically normal and parous Japanese women. <i>Journal of Human Genetics</i> , 2014, 59, 326-331.	1.1	4
116	Seminal vesicle protein SVS2 is required for sperm survival in the uterus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4145-4150.	3.3	100
117	A calcium-dependent protease as a potential therapeutic target for Wolfram syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5292-301.	3.3	128
118	De novo Frameshift Mutation in Fibroblast Growth Factor 8 in a Male Patient with Gonadotropin Deficiency. <i>Hormone Research in Paediatrics</i> , 2014, 81, 139-144.	0.8	11
119	Hepatocyte transplantation using a living donor reduced graft in a baby with ornithine transcarbamylase deficiency: A novel source of hepatocytes. <i>Liver Transplantation</i> , 2014, 20, 391-393.	1.3	50
120	Design of polymeric materials for culturing human pluripotent stem cells: Progress toward feeder-free and xeno-free culturing. <i>Progress in Polymer Science</i> , 2014, 39, 1348-1374.	11.8	66
121	Pleiotropic functions of magnetic nanoparticles for ex vivo gene transfer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1165-1174.	1.7	20
122	Interactions between JARID2 and Noncoding RNAs Regulate PRC2 Recruitment to Chromatin. <i>Molecular Cell</i> , 2014, 53, 290-300.	4.5	320
123	Derivation of human differential photoreceptor cells from adult human dermal fibroblasts by defined combinations of CRX , RAX , OTX 2 and NEUROD. <i>Genes To Cells</i> , 2014, 19, 198-208.	0.5	26
124	Isolation and characterization of the human immature osteoblast culture system from the alveolar bones of aged donors for bone regeneration therapy. <i>Expert Opinion on Biological Therapy</i> , 2014, 14, 1731-1744.	1.4	15
125	External stimulus-responsive biomaterials designed for the culture and differentiation of ES, iPS, and adult stem cells. <i>Progress in Polymer Science</i> , 2014, 39, 1585-1613.	11.8	63
126	Notch inhibition allows oncogene-independent generation of iPS cells. <i>Nature Chemical Biology</i> , 2014, 10, 632-639.	3.9	64

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127	Stem Cells Bond Our Organs/Tissues and Engineering Products. <i>Circulation Journal</i> , 2014, 78, 1582-1583.	0.7	1
128	Ataxia telangiectasia derived iPS cells show preserved x-ray sensitivity and decreased chromosomal instability. <i>Scientific Reports</i> , 2014, 4, 5421.	1.6	35
129	Derivation of human decidua-like cells from amnion and menstrual blood. <i>Scientific Reports</i> , 2014, 4, 4599.	1.6	20
130	Mesenchymal Stem Cells from Bone Marrow Enhance Neovascularization and Stromal Cell Proliferation in Rat Ischemic Limb in the Early Phase after Implantation. <i>The Showa University Journal of Medical Sciences</i> , 2014, 26, 121-129.	0.1	1
131	Induced cancer stem-like cells as a model for biological screening and discovery of agents targeting phenotypic traits of cancer stem cell. <i>Oncotarget</i> , 2014, 5, 8665-8680.	0.8	51
132	Differentiation of mesenchymal stem cells into gonad and adrenal steroidogenic cells. <i>World Journal of Stem Cells</i> , 2014, 6, 203.	1.3	14
133	N-Cadherin is a prospective cell surface marker of human mesenchymal stem cells that have high ability for cardiomyocyte differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 753-759.	1.0	30
134	Human <i>glutathione S-transferase A</i> (<i>GSTA</i>) family genes are regulated by steroidogenic factor 1 (SF1) and are involved in steroidogenesis. <i>FASEB Journal</i> , 2013, 27, 3198-3208.	0.2	29
135	Stability of genomic imprinting in human induced pluripotent stem cells. <i>BMC Genetics</i> , 2013, 14, 32.	2.7	31
136	Human cytomegalovirus induces apoptosis in neural stem/progenitor cells derived from induced pluripotent stem cells by generating mitochondrial dysfunction and endoplasmic reticulum stress. <i>Herpesviridae</i> , 2013, 4, 2.	2.7	32
137	Investigation of telomere length dynamics in induced pluripotent stem cells using quantitative fluorescence in situ hybridization. <i>Tissue and Cell</i> , 2013, 45, 407-413.	1.0	8
138	Mutations in SERPINB7, Encoding a Member of the Serine Protease Inhibitor Superfamily, Cause Nagashima-type Palmoplantar Keratosis. <i>American Journal of Human Genetics</i> , 2013, 93, 945-956.	2.6	102
139	Enhanced in vivo osteogenesis by nanocarrier-fused bone morphogenetic protein-4. <i>International Journal of Nanomedicine</i> , 2013, 8, 1349.	3.3	23
140	Physical Cues of Biomaterials Guide Stem Cell Differentiation Fate. <i>Chemical Reviews</i> , 2013, 113, 3297-3328.	23.0	387
141	Androgen/androgen receptor pathway regulates expression of the genes for cyclooxygenase-2 and amphiregulin in periovulatory granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2013, 369, 42-51.	1.6	40
142	Genomic Basis of Aromatase Excess Syndrome: Recombination- and Replication-Mediated Rearrangements Leading to CYP19A1 Overexpression. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E2013-E2021.	1.8	23
143	Podocalyxin Is a Glycoprotein Ligand of the Human Pluripotent Stem Cell-Specific Probe rBC2LCN. <i>Stem Cells Translational Medicine</i> , 2013, 2, 265-273.	1.6	70
144	Establishment and directed differentiation of induced pluripotent stem cells from glycogen storage disease type <i>b</i> patient. <i>Genes To Cells</i> , 2013, 18, 1053-1069.	0.5	16

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145	Noncanonical NOTCH Signaling Limits Self-Renewal of Human Epithelial and Induced Pluripotent Stem Cells through ROCK Activation. <i>Molecular and Cellular Biology</i> , 2013, 33, 4434-4447.	1.1	44
146	A synthetic nanofibrillar matrix promotes in vitro hepatic differentiation of embryonic stem cells and induced pluripotent stem cells. <i>Journal of Cell Science</i> , 2013, 126, 5391-9.	1.2	31
147	Large-scale cell production of stem cells for clinical application using the automated cell processing machine. <i>BMC Biotechnology</i> , 2013, 13, 102.	1.7	34
148	β-Catenin Functions Pleiotropically in Differentiation and Tumorigenesis in Mouse Embryo-Derived Stem Cells. <i>PLoS ONE</i> , 2013, 8, e63265.	1.1	15
149	Expression of Angiotensin II Receptor-like 1 in the Placentas of Pregnancy-induced Hypertension. <i>International Journal of Gynecological Pathology</i> , 2012, 31, 227-235.	0.9	21
150	CD81 and CD9 work independently as extracellular components upon fusion of sperm and oocyte. <i>Biology Open</i> , 2012, 1, 640-647.	0.6	54
151	Glycan profiling of endometrial cancers using lectin microarray. <i>Genes To Cells</i> , 2012, 17, 826-836.	0.5	24
152	Induced Pluripotent Stem Cells from Human Extra-Embryonic Amnion Cells: Role of DNA Methylation in Maintaining Stemness. , 2012, , 59-65.		0
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298	Expression of the rat calmodulin gene II in the central nervous system: a 294-base promoter and 68-base leader segment mediates neuron-specific gene expression in transgenic mice. <i>Molecular Brain Research</i> , 1993, 20, 9-20.	2.5	133
299	Differentiation of human germ cell tumor cells in vivo and in vitro. <i>Acta Histochemica Et Cytochemica</i> , 1992, 25, 563-576.	0.8	24
300	Expression of Gap-Junctional Protein (Connexin 43 or .ALPHA.1 Gap Junction) is Down-Regulated at the Transcriptional Level during Adipocyte Differentiation of H-1/A Marrow Stromal Cells. <i>Cell Structure and Function</i> , 1992, 17, 177-184.	0.5	34
301	Multipotent marrow stromal cell line is able to induce hematopoiesis in vivo. <i>Journal of Cellular Physiology</i> , 1992, 151, 197-205.	2.0	128
302	Postmortem Diagnosis of Acute Megakaryocytic Leukemia Usefulness of Immunohistochemistry and Tissue Hemogram. <i>Pathology International</i> , 1990, 40, 693-698.	0.6	1
303	Nucleotide sequence of a new YPT1-related human cDNA which belongs to the ras gene superfamily. <i>Nucleic Acids Research</i> , 1988, 16, 10368-10368.	6.5	6