

Kouichi Hasegawa

List of Publications by Citations

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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.

41
papers

1,508
citations

21
h-index

38
g-index

44
ext. papers

1,703
ext. citations

7.4
avg, IF

4.24
L-index

#	Paper	IF	Citations
41	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, 926-32	3.4	268
40	Recombinant human laminin isoforms can support the undifferentiated growth of human embryonic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 375, 27-32	3.4	161
39	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, 13781-6	11.5	99
38	Klf4 interacts directly with Oct4 and Sox2 to promote reprogramming. <i>Stem Cells</i> , 2009 , 27, 2969-78	5.8	93
37	A 3D sphere culture system containing functional polymers for large-scale human pluripotent stem cell production. <i>Stem Cell Reports</i> , 2014 , 2, 734-45	8	91
36	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, 2649-60	5.8	81
35	Efficient multicistronic expression of a transgene in human embryonic stem cells. <i>Stem Cells</i> , 2007 , 25, 1707-12	5.8	64
34	Multipotent caudal neural progenitors derived from human pluripotent stem cells that give rise to lineages of the central and peripheral nervous system. <i>Stem Cells</i> , 2015 , 33, 1759-70	5.8	61
33	Human Pluripotent Stem Cell Culture: Current Status, Challenges, and Advancement. <i>Stem Cells International</i> , 2018 , 2018, 7396905	5	52
32	In vitro germ cell differentiation from cynomolgus monkey embryonic stem cells. <i>PLoS ONE</i> , 2009 , 4, e5338	3.7	51
31	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	6.9	48
30	Nanofibrous gelatin substrates for long-term expansion of human pluripotent stem cells. <i>Biomaterials</i> , 2014 , 35, 6259-67	15.6	45
29	NANOG maintains self-renewal of primate ES cells in the absence of a feeder layer. <i>Genes To Cells</i> , 2006 , 11, 1115-23	2.3	39
28	Efficient integration of transgenes into a defined locus in human embryonic stem cells. <i>Nucleic Acids Research</i> , 2010 , 38, e96	20.1	34
27	Insulators prevent transcriptional interference between two promoters in a double gene construct for transgenesis. <i>FEBS Letters</i> , 2002 , 520, 47-52	3.8	31
26	Nano-on-micro fibrous extracellular matrices for scalable expansion of human ES/iPS cells. <i>Biomaterials</i> , 2017 , 124, 47-54	15.6	30
25	Current technology for the derivation of pluripotent stem cell lines from human embryos. <i>Cell Stem Cell</i> , 2010 , 6, 521-31	18	29

24	Comparison of reprogramming efficiency between transduction of reprogramming factors, cell-cell fusion, and cytoplasm fusion. <i>Stem Cells</i> , 2010 , 28, 1338-48	5.8	26
23	Simpler and safer cell reprogramming. <i>Nature Biotechnology</i> , 2008 , 26, 59-60	44.5	25
22	Chemically defined and growth-factor-free culture system for the expansion and derivation of human pluripotent stem cells. <i>Nature Biomedical Engineering</i> , 2018 , 2, 173-182	19	24
21	Specific Direct Small Molecule p300/ECatenin Antagonists Maintain Stem Cell Potency. <i>Current Molecular Pharmacology</i> , 2016 , 9, 272-279	3.7	21
20	Expansion Culture of Human Pluripotent Stem Cells and Production of Cardiomyocytes. <i>Bioengineering</i> , 2019 , 6,	5.3	17
19	X-Serrate-1 is involved in primary neurogenesis in <i>Xenopus laevis</i> in a complementary manner with X-Delta-1. <i>Development Genes and Evolution</i> , 2001 , 211, 367-76	1.8	17
18	The GCTM-5 epitope associated with the mucin-like glycoprotein FCGBP marks progenitor cells in tissues of endodermal origin. <i>Stem Cells</i> , 2012 , 30, 1999-2009	5.8	15
17	Targeted suppression of metastasis regulatory transcription factor SOX2 in various cancer cell lines using a sequence-specific designer pyrrole-imidazole polyamide. <i>Bioorganic and Medicinal Chemistry</i> , 2020 , 28, 115248	3.4	12
16	Xoom is maternally stored and functions as a transmembrane protein for gastrulation movement in <i>Xenopus</i> embryos. <i>Development Growth and Differentiation</i> , 2001 , 43, 25-31	3	11
15	A novel POZ/zinc finger protein, champignon, interferes with gastrulation movements in <i>Xenopus</i> . <i>Developmental Dynamics</i> , 2001 , 221, 14-25	2.9	10
14	Xoom is required for epibolic movement of animal ectodermal cells in <i>Xenopus laevis</i> gastrulation. <i>Development Growth and Differentiation</i> , 2000 , 42, 337-46	3	8
13	A glimpse into molecular mechanisms of embryonic stem cells pluripotency: Current status and future perspective. <i>Journal of Cellular Physiology</i> , 2020 , 235, 6377-6392	7	8
12	Testatin transgenic and knockout mice exhibit normal sex-differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 341, 369-75	3.4	6
11	Plasmodium vivax liver stage assay platforms using Indian clinical isolates. <i>Malaria Journal</i> , 2020 , 19, 214	3.6	4
10	Establishment of a highly efficient gene transfer system for mouse fetal hepatic progenitor cells. <i>Hepatology</i> , 2002 , 36, 1488-97	11.2	4
9	Overexpression of Nuclear Receptor 5A1 Induces and Maintains an Intermediate State of Conversion between Primed and Naive Pluripotency. <i>Stem Cell Reports</i> , 2020 , 14, 506-519	8	3
8	Molecular cloning and function of Oct-3 isoforms in cynomolgus monkey embryonic stem cells. <i>Stem Cells and Development</i> , 2006 , 15, 566-74	4.4	3
7	A novel dual-color reporter for identifying insulin-producing beta-cells and classifying heterogeneity of insulinoma cell lines. <i>PLoS ONE</i> , 2012 , 7, e35521	3.7	3

6	Co-Delivery of Curcumin and Bioperine via PLGA Nanoparticles to Prevent Atherosclerotic Foam Cell Formation. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
5	Clonal Isolation of Human Pluripotent Stem Cells on Nanofibrous Substrates Reveals an Advanced Subclone for Cardiomyocyte Differentiation. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1900165	10.1	1
4	Stem cells as in vitro models of disease. <i>Stem Cells International</i> , 2012 , 2012, 565083	5	1
3	Sequential peripheral enrichment of H2A.Zac and H3K9me2 during trophoblast differentiation in human embryonic stem cells. <i>Journal of Cell Science</i> , 2020 , 133,	5.3	1
2	Antibodies to a CA 19-9 Related Antigen Complex Identify SOX9 Expressing Progenitor Cells In Human Foetal Pancreas and Pancreatic Adenocarcinoma. <i>Scientific Reports</i> , 2019 , 9, 2876	4.9	1
1	A chemically-defined plastic scaffold for the xeno-free production of human pluripotent stem cells.. <i>Scientific Reports</i> , 2022 , 12, 2516	4.9	0