

Miho K Furue

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/15866/miho-k-furue-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

44
papers

1,857
citations

20
h-index

43
g-index

44
ext. papers

2,055
ext. citations

4.6
avg. IF

4.05
L-index

#	Paper	IF	Citations
44	Cytotoxicity assay using a human pluripotent stem cell-derived cranial neural crest cell model. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2020 , 56, 505-510	2.6	
43	Neural Crest Cell Models of Development and Toxicity: Cytotoxicity Assay Using Human Pluripotent Stem Cell-Derived Cranial Neural Crest Cell Model. <i>Methods in Molecular Biology</i> , 2019 , 1965, 35-48	1.4	1
42	Pluripotent Stem Cell Heterogeneity. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1123, 71-94	3.6	17
41	High cell density suppresses BMP4-induced differentiation of human pluripotent stem cells to produce macroscopic spatial patterning in a unidirectional perfusion culture chamber. <i>Journal of Bioscience and Bioengineering</i> , 2018 , 126, 379-388	3.3	3
40	A morphology-based assay platform for neuroepithelial-like cells differentiated from human pluripotent stem cells. <i>International Journal of Developmental Biology</i> , 2018 , 62, 613-621	1.9	0
39	Isolation and expansion of human pluripotent stem cell-derived hepatic progenitor cells by growth factor defined serum-free culture conditions. <i>Experimental Cell Research</i> , 2017 , 352, 333-345	4.2	11
38	Imaging-cytometry revealed spatial heterogeneities of marker expression in undifferentiated human pluripotent stem cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017 , 53, 83-91	2.6	5
37	Prediction of Differentiation Tendency Toward Hepatocytes from Gene Expression in Undifferentiated Human Pluripotent Stem Cells. <i>Stem Cells and Development</i> , 2016 , 25, 1884-1897	4.4	14
36	Parametric analysis of colony morphology of non-labelled live human pluripotent stem cells for cell quality control. <i>Scientific Reports</i> , 2016 , 6, 34009	4.9	43
35	Bone morphogenetic protein 4 promotes craniofacial neural crest induction from human pluripotent stem cells. <i>International Journal of Developmental Biology</i> , 2016 , 60, 21-8	1.9	21
34	Biological Effects of Culture Substrates on Human Pluripotent Stem Cells. <i>Stem Cells International</i> , 2016 , 2016, 5380560	5	18
33	A Simple Method for Labeling Human Embryonic Stem Cells Destined to Lose Undifferentiated Potency. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 275-81	6.9	7
32	Development of a Monitoring Method for Nonlabeled Human Pluripotent Stem Cell Growth by Time-Lapse Image Analysis. <i>Stem Cells Translational Medicine</i> , 2015 , 4, 720-30	6.9	17
31	Synergistic effects of FGF-2 and Activin A on early neural differentiation of human pluripotent stem cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015 , 51, 769-75	2.6	8
30	A Cytotoxic Antibody Recognizing Lacto-N-fucopentaose I (LNFP I) on Human Induced Pluripotent Stem (hiPS) Cells. <i>Journal of Biological Chemistry</i> , 2015 , 290, 20071-85	5.4	16
29	Protein kinase C-induced early growth response protein-1 binding to SNAIL promoter in epithelial-mesenchymal transition of human embryonic stem cells. <i>Stem Cells and Development</i> , 2014 , 23, 2180-9	4.4	19
28	Enzyme-free passage of human pluripotent stem cells by controlling divalent cations. <i>Scientific Reports</i> , 2014 , 4, 4646	4.9	23

27	HHEX promotes hepatic-lineage specification through the negative regulation of eomesodermin. <i>PLoS ONE</i> , 2014 , 9, e90791	3.7	10
26	Long-term serial cultivation of mouse induced pluripotent stem cells in serum-free and feeder-free defined medium. <i>International Journal of Developmental Biology</i> , 2013 , 57, 715-24	1.9	15
25	3D spheroid culture of hESC/hiPSC-derived hepatocyte-like cells for drug toxicity testing. <i>Biomaterials</i> , 2013 , 34, 1781-9	15.6	209
24	A novel antibody for human induced pluripotent stem cells and embryonic stem cells recognizes a type of keratan sulfate lacking oversulfated structures. <i>Glycobiology</i> , 2013 , 23, 322-36	5.8	50
23	Protein kinase C regulates human pluripotent stem cell self-renewal. <i>PLoS ONE</i> , 2013 , 8, e54122	3.7	50
22	The promotion of hepatic maturation of human pluripotent stem cells in 3D co-culture using type I collagen and Swiss 3T3 cell sheets. <i>Biomaterials</i> , 2012 , 33, 4526-34	15.6	85
21	Efficient generation of functional hepatocytes from human embryonic stem cells and induced pluripotent stem cells by HNF4 α transduction. <i>Molecular Therapy</i> , 2012 , 20, 127-37	11.7	196
20	Generation of metabolically functioning hepatocytes from human pluripotent stem cells by FOXA2 and HNF1 α transduction. <i>Journal of Hepatology</i> , 2012 , 57, 628-36	13.4	126
19	Monolayer Culture Condition for Mouse Embryonic Stem Cells Differentiation into Neural Crest Cells (Method) 2012 , 233-240		1
18	Growth factor-defined culture medium for human mesenchymal stem cells. <i>International Journal of Developmental Biology</i> , 2011 , 55, 181-7	1.9	58
17	Efficient generation of hepatoblasts from human ES cells and iPS cells by transient overexpression of homeobox gene HEX. <i>Molecular Therapy</i> , 2011 , 19, 400-7	11.7	92
16	Efficient and directive generation of two distinct endoderm lineages from human ESCs and iPSCs by differentiation stage-specific SOX17 transduction. <i>PLoS ONE</i> , 2011 , 6, e21780	3.7	45
15	Induction of neural crest cells from mouse embryonic stem cells in a serum-free monolayer culture. <i>International Journal of Developmental Biology</i> , 2010 , 54, 1287-94	1.9	24
14	Reduction of N-glycolylneuraminic acid in human induced pluripotent stem cells generated or cultured under feeder- and serum-free defined conditions. <i>PLoS ONE</i> , 2010 , 5, e14099	3.7	41
13	Adenovirus vector-mediated efficient transduction into human embryonic and induced pluripotent stem cells. <i>Cellular Reprogramming</i> , 2010 , 12, 501-7	2.1	20
12	BMP4 induction of trophoblast from mouse embryonic stem cells in defined culture conditions on laminin. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2010 , 46, 416-30	2.6	57
11	Advantages and difficulties in culturing human pluripotent stem cells in growth factor-defined serum-free medium. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2010 , 46, 573-6	2.6	18
10	Inhibition of ERK1/2 prevents neural and mesendodermal differentiation and promotes human embryonic stem cell self-renewal. <i>Stem Cell Research</i> , 2010 , 5, 157-69	1.6	57

9	Heparin promotes the growth of human embryonic stem cells in a defined serum-free medium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 13409-14	11.5	189
8	Integrins regulate mouse embryonic stem cell self-renewal. <i>Stem Cells</i> , 2007 , 25, 3005-15	5.8	172
7	Leukemia inhibitory factor as an anti-apoptotic mitogen for pluripotent mouse embryonic stem cells in a serum-free medium without feeder cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2005 , 41, 19-28	2.6	52
6	Isolation of Pluripotential Stem Cells from <i>Xenopus</i> Embryos 2004 , 483-492		3
5	Activin A induces craniofacial cartilage from undifferentiated <i>Xenopus</i> ectoderm in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 15474-9	11.5	21
4	Isoleucine prevents rat salivary gland epithelial cells from apoptosis in serum-free culture. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2000 , 36, 287-9	2.6	5
3	Effects of hepatocyte growth factor (HGF) and activin A on the morphogenesis of rat submandibular gland-derived epithelial cells in serum-free collagen gel culture. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1999 , 35, 131-5	2.6	19
2	Hepatocyte growth factor regulates activin betaA mRNA in submandibular gland. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1998 , 34, 520-3	2.6	7
1	Primitive neuroectodermal tumor cell lines derived from a metastatic pediatric tumor. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1994 , 30A, 813-6	2.6	12