

Stephen Pells

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.

18
papers

1,161
citations

14
h-index

18
g-index

18
ext. papers

1,273
ext. citations

8.7
avg, IF

3.13
L-index

#	Paper	IF	Citations
18	Screening ethnically diverse human embryonic stem cells identifies a chromosome 20 minimal amplicon conferring growth advantage. <i>Nature Biotechnology</i> , 2011 , 29, 1132-44	44.5	406
17	Lineage-specific distribution of high levels of genomic 5-hydroxymethylcytosine in mammalian development. <i>Cell Research</i> , 2011 , 21, 1332-42	24.7	161
16	Identification and characterization of a novel <i>Bacillus thuringiensis</i> delta-endotoxin entomocidal to coleopteran and lepidopteran larvae. <i>Molecular Microbiology</i> , 1992 , 6, 1211-7	4.1	121
15	A thermoresponsive and chemically defined hydrogel for long-term culture of human embryonic stem cells. <i>Nature Communications</i> , 2013 , 4, 1335	17.4	99
14	Dielectrophoresis: a review of applications for stem cell research. <i>Journal of Biomedicine and Biotechnology</i> , 2010 , 2010, 182581		93
13	Multipotentiality of neuronal cells after spontaneous fusion with embryonic stem cells and nuclear reprogramming in vitro. <i>Cloning and Stem Cells</i> , 2002 , 4, 331-8		62
12	Dielectrophoresis based discrimination of human embryonic stem cells from differentiating derivatives. <i>Biomicrofluidics</i> , 2012 , 6, 44113	3.2	33
11	Clinically failed eggs as a source of normal human embryo stem cells. <i>Stem Cell Research</i> , 2009 , 2, 188-97	1.6	26
10	Elasticity of human embryonic stem cells as determined by atomic force microscopy. <i>Journal of Biomechanical Engineering</i> , 2011 , 133, 101009	2.1	26
9	Nuclear reprogramming of somatic cells by embryonic stem cells is affected by cell cycle stage. <i>Cloning and Stem Cells</i> , 2006 , 8, 174-88		26
8	Dielectrophoretic Characterisation of Mammalian Cells above 100 MHz. <i>Journal of Electrical Bioimpedance</i> , 2011 , 2, 64-71	1.5	25
7	Paracrine signalling events in embryonic stem cell renewal mediated by affinity targeted nanoparticles. <i>Biomaterials</i> , 2012 , 33, 6634-43	15.6	23
6	A role for intracellular calcium downstream of G-protein signaling in undifferentiated human embryonic stem cell culture. <i>Stem Cell Research</i> , 2012 , 9, 171-84	1.6	21
5	Novel Human Embryonic Stem Cell Regulators Identified by Conserved and Distinct CpG Island Methylation State. <i>PLoS ONE</i> , 2015 , 10, e0131102	3.7	14
4	Human embryonic stem cells rapidly take up and then clear exogenous human and animal prions in vitro. <i>Journal of Pathology</i> , 2011 , 223, 635-45	9.4	12
3	Studying nuclear reprogramming with cell hybrids. <i>Methods in Molecular Biology</i> , 2004 , 254, 301-12	1.4	5
2	Sufficiency of hypoxia-inducible 2-oxoglutarate dioxygenases to block chemical oxidative stress-induced differentiation of human embryonic stem cells. <i>Stem Cell Research</i> , 2019 , 34, 101358	1.6	5

- 1 Quantification of cell fusion by flow cytometry. *Methods in Molecular Biology*, **2006**, 325, 81-97 1.4 3