

Shin Kawamata

List of Publications by Year in descending order

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18
papers

760
citations

567281

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839539

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18
docs citations

18
times ranked

1195
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumorigenicity Studies of Induced Pluripotent Stem Cell (iPSC)-Derived Retinal Pigment Epithelium (RPE) for the Treatment of Age-Related Macular Degeneration. PLoS ONE, 2014, 9, e85336.	2.5	154
2	Highly Sensitive In Vitro Methods for Detection of Residual Undifferentiated Cells in Retinal Pigment Epithelial Cells Derived from Human iPS Cells. PLoS ONE, 2012, 7, e37342.	2.5	131
3	Design of a Tumorigenicity Test for Induced Pluripotent Stem Cell (iPSC)-Derived Cell Products. Journal of Clinical Medicine, 2015, 4, 159-171.	2.4	58
4	Structure-based targeting of bioactive proteins into cypovirus polyhedra and application to immobilized cytokines for mammalian cell culture. Biomaterials, 2009, 30, 4297-4308.	11.4	54
5	Secreted Frizzled Related Protein 4 Reduces Fibrosis Scar Size and Ameliorates Cardiac Function After Ischemic Injury. Tissue Engineering - Part A, 2010, 16, 3329-3341.	3.1	50
6	Kynurenine signaling through the aryl hydrocarbon receptor maintains the undifferentiated state of human embryonic stem cells. Science Signaling, 2019, 12, .	3.6	44
7	A Simple and Highly Effective Method for Slow-Freezing Human Pluripotent Stem Cells Using Dimethyl Sulfoxide, Hydroxyethyl Starch and Ethylene Glycol. PLoS ONE, 2014, 9, e88696.	2.5	36
8	Generation of Virus-Free Induced Pluripotent Stem Cell Clones on a Synthetic Matrix via a Single Cell Subcloning in the Na ⁺ State. PLoS ONE, 2012, 7, e38389.	2.5	35
9	Coexpression of platelet-derived growth factor receptor alpha and fetal liver kinase 1 enhances cardiogenic potential in embryonic stem cell differentiation in vitro. Journal of Bioscience and Bioengineering, 2007, 103, 412-419.	2.2	30
10	The use of leukemia inhibitory factor immobilized on virus-derived polyhedra to support the proliferation of mouse embryonic and induced pluripotent stem cells. Biomaterials, 2011, 32, 3555-3563.	11.4	30
11	Pigment Epithelium-Derived Factor Secreted from Retinal Pigment Epithelium Facilitates Apoptotic Cell Death of iPSC. Scientific Reports, 2013, 3, 2334.	3.3	30
12	Control of angiogenesis by VEGF and endostatin-encapsulated protein microcrystals and inhibition of tumor angiogenesis. Biomaterials, 2014, 35, 1326-1333.	11.4	23
13	Bone regeneration by polyhedral microcrystals from silkworm virus. Scientific Reports, 2012, 2, 935.	3.3	20
14	Human Gingival Integration-Free iPSCs; a Source for MSC-Like Cells. International Journal of Molecular Sciences, 2015, 16, 13633-13648.	4.1	20
15	Differentiation potential of Pluripotent Stem Cells correlates to the level of CHD7. Scientific Reports, 2018, 8, 241.	3.3	20
16	Controlled Growth and the Maintenance of Human Pluripotent Stem Cells by Cultivation with Defined Medium on Extracellular Matrix-Coated Micropatterned Dishes. PLoS ONE, 2015, 10, e0129855.	2.5	11
17	Correlation Between Genetic Abnormalities in Induced Pluripotent Stem Cell-Derivatives and Abnormal Tissue Formation in Tumorigenicity Tests. Stem Cells Translational Medicine, 2022, 11, 527-538.	3.3	8
18	A Simple and Efficient Method of Slow Freezing for Human Embryonic Stem Cells and Induced Pluripotent Stem Cells. Methods in Molecular Biology, 2015, 1341, 15-24.	0.9	6