

Rajarshi Pal

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

957
citations

686830

13
h-index

642321

23
g-index

24
all docs

24
docs citations

24
times ranked

2218
citing authors

#	ARTICLE	IF	CITATIONS
1	The current landscape of the mesenchymal stromal cell secretome: A new paradigm for cell-free regeneration. <i>Cytotherapy</i> , 2016, 18, 13-24.	0.3	346
2	Diverse effects of dimethyl sulfoxide (DMSO) on the differentiation potential of human embryonic stem cells. <i>Archives of Toxicology</i> , 2012, 86, 651-661.	1.9	166
3	Primary Cilium-Mediated Retinal Pigment Epithelium Maturation Is Disrupted in Ciliopathy Patient Cells. <i>Cell Reports</i> , 2018, 22, 189-205.	2.9	109
4	Metformin mediated reversal of epithelial to mesenchymal transition is triggered by epigenetic changes in E-cadherin promoter. <i>Journal of Molecular Medicine</i> , 2016, 94, 1397-1409.	1.7	40
5	Propensity of Human Embryonic Stem Cell Lines During Early Stage of Lineage Specification Controls Their Terminal Differentiation into Mature Cell Types. <i>Experimental Biology and Medicine</i> , 2009, 234, 1230-1243.	1.1	38
6	Human embryonic stem cell proliferation and differentiation as parameters to evaluate developmental toxicity. <i>Journal of Cellular Physiology</i> , 2011, 226, 1583-1595.	2.0	31
7	Dysregulation of Wnt-Signaling and a Candidate Set of miRNAs Underlie the Effect of Metformin on Neural Crest Cell Development. <i>Stem Cells</i> , 2016, 34, 334-345.	1.4	31
8	Comparative analysis of cardiomyocyte differentiation from human embryonic stem cells under 3-D and 2-D culture conditions. <i>Journal of Bioscience and Bioengineering</i> , 2013, 115, 200-206.	1.1	28
9	Secretome studies of mesenchymal stromal cells (MSCs) isolated from three tissue sources reveal subtle differences in potency. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2020, 56, 689-700.	0.7	27
10	A Simple and economical route to generate functional hepatocyte-like cells from hESCs and their application in evaluating alcohol induced liver damage. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 19-30.	1.2	24
11	Transplantation of retinal pigment epithelium and photoreceptors generated concomitantly via small molecule-mediated differentiation rescues visual function in rodent models of retinal degeneration. <i>Stem Cell Research and Therapy</i> , 2021, 12, 70.	2.4	19
12	Human Induced Pluripotent Stem Cell-Derived Lung Epithelial System for SARS-CoV-2 Infection Modeling and Its Potential in Drug Repurposing. <i>Stem Cells and Development</i> , 2020, 29, 1365-1369.	1.1	17
13	Long Noncoding RNA RP11-380D23.2 Drives Distal-Proximal Patterning of the Lung by Regulating PITX2 Expression. <i>Stem Cells</i> , 2018, 36, 218-229.	1.4	16
14	Development of a Multiplex PCR Assay for Characterization of Embryonic Stem Cells. <i>Methods in Molecular Biology</i> , 2013, 1006, 147-166.	0.4	13
15	Allogeneic and autologous mode of stem cell transplantation in regenerative medicine: Which way to go?. <i>Medical Hypotheses</i> , 2014, 83, 787-791.	0.8	10
16	Transcriptional profiling of human neural precursors post alcohol exposure reveals impaired neurogenesis via dysregulation of ERK signaling and miR-145. <i>Journal of Neurochemistry</i> , 2018, 146, 47-62.	2.1	10
17	Application of Multiplex PCR for Characterization of Human Embryonic Stem Cells (hESCs) and Its Differentiated Progenies. <i>Journal of Biomolecular Screening</i> , 2010, 15, 630-643.	2.6	7
18	Sequential cultivation of human epidermal keratinocytes and dermal mesenchymal like stromal cells in vitro. <i>Cytotechnology</i> , 2016, 68, 1009-1018.	0.7	7

#	ARTICLE	IF	CITATIONS
19	Differentiating Human Induced Pluripotent Stem Cells (iPSCs) Into Lung Epithelial Cells. <i>Current Protocols in Stem Cell Biology</i> , 2019, 49, e86.	3.0	5
20	Neuronal and cardiac toxicity of pharmacological compounds identified through transcriptomic analysis of human pluripotent stem cell-derived embryoid bodies. <i>Toxicology and Applied Pharmacology</i> , 2021, 433, 115792.	1.3	5
21	Interventional Strategies for Parkinson Disease: Can Neural Precursor Cells Forge a Path Ahead?. <i>ACS Chemical Neuroscience</i> , 2021, 12, 3785-3794.	1.7	4
22	SARS-CoV-2 infection of human-induced pluripotent stem cells-derived lung lineage cells evokes inflammatory and chemosensory responses by targeting mitochondrial pathways. <i>Journal of Cellular Physiology</i> , 2022, 237, 2913-2928.	2.0	3
23	A small-molecule cocktail that beats cellular stress. <i>Nature Methods</i> , 2021, 18, 457-458.	9.0	1
24	Advances in Induced Pluripotent Stem Cell Technologies. <i>Stem Cells International</i> , 2012, 2012, 1-1.	1.2	0