

James A Byrne

List of Publications by Year in descending order

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28
papers

1,563
citations

567281

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580821

25
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28
docs citations

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times ranked

2487
citing authors

#	ARTICLE	IF	CITATIONS
1	LRRK2 Mutant iPSC-Derived DA Neurons Demonstrate Increased Susceptibility to Oxidative Stress. <i>Cell Stem Cell</i> , 2011, 8, 267-280.	11.1	668
2	Nuclei of Adult Mammalian Somatic Cells Are Directly Reprogrammed to oct-4 Stem Cell Gene Expression by Amphibian Oocytes. <i>Current Biology</i> , 2003, 13, 1206-1213.	3.9	205
3	Isolation and Characterization of Novel Rhesus Monkey Embryonic Stem Cell Lines. <i>Stem Cells</i> , 2006, 24, 2177-2186.	3.2	88
4	Germline stem cells: toward the regeneration of spermatogenesis. <i>Fertility and Sterility</i> , 2014, 101, 3-13.	1.0	85
5	Enhanced Generation of Induced Pluripotent Stem Cells from a Subpopulation of Human Fibroblasts. <i>PLoS ONE</i> , 2009, 4, e7118.	2.5	68
6	Heterozygous Embryonic Stem Cell Lines Derived from Nonhuman Primate Parthenotes. <i>Stem Cells</i> , 2008, 26, 756-766.	3.2	64
7	From Skin Biopsy to Neurons Through a Pluripotent Intermediate Under Good Manufacturing Practice Protocols. <i>Stem Cells Translational Medicine</i> , 2012, 1, 36-43.	3.3	43
8	Generation and characterization of transgene-free human induced pluripotent stem cells and conversion to putative clinical-grade status. <i>Stem Cell Research and Therapy</i> , 2013, 4, 87.	5.5	43
9	Rapid and Efficient Conversion of Integration-Free Human Induced Pluripotent Stem Cells to GMP-Grade Culture Conditions. <i>PLoS ONE</i> , 2014, 9, e94231.	2.5	43
10	Generation of isogenic pluripotent stem cells. <i>Human Molecular Genetics</i> , 2008, 17, R37-R41.	2.9	34
11	Identifying Candidate Oocyte Reprogramming Factors Using Cross-Species Global Transcriptional Analysis. <i>Cellular Reprogramming</i> , 2013, 15, 126-133.	0.9	30
12	Restoring Ureagenesis in Hepatocytes by CRISPR/Cas9-mediated Genomic Addition to Arginase-deficient Induced Pluripotent Stem Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2016, 5, e394.	5.1	30
13	Parthenogenic Blastocysts Derived from Cumulus-Free In Vitro Matured Human Oocytes. <i>PLoS ONE</i> , 2010, 5, e10979.	2.5	30
14	Lethal phenotype in conditional late-onset arginase 1 deficiency in the mouse. <i>Molecular Genetics and Metabolism</i> , 2013, 110, 222-230.	1.1	29
15	Transcriptional Profiling of Rhesus Monkey Embryonic Stem Cells ¹ . <i>Biology of Reproduction</i> , 2006, 75, 908-915.	2.7	25
16	Developing neural stem cell-based treatments for neurodegenerative diseases. <i>Stem Cell Research and Therapy</i> , 2014, 5, 72.	5.5	16
17	BAY11 enhances OCT4 synthetic mRNA expression in adult human skin cells. <i>Stem Cell Research and Therapy</i> , 2013, 4, 15.	5.5	13
18	Current Progress with Primate Embryonic Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2006, 1, 127-138.	1.3	13

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19	Human Skin Cells That Express Stage-Specific Embryonic Antigen 3 Associate with Dermal Tissue Regeneration. <i>BioResearch Open Access</i> , 2012, 1, 25-33.	2.6	10
20	Global Transcriptional Analysis of Oocyte-Based and Factor-Based Nuclear Reprogramming in the Nonhuman Primate. <i>Cellular Reprogramming</i> , 2011, 13, 473-481.	0.9	9
21	Commentary on human cloning. <i>Differentiation</i> , 2002, 69, 154-157.	1.9	6
22	Putative Immunogenicity Expression Profiling Using Human Pluripotent Stem Cells and Derivatives. <i>Stem Cells Translational Medicine</i> , 2015, 4, 136-145.	3.3	5
23	NUCLEAR REPROGRAMMING AND THE CURRENT CHALLENGES IN ADVANCING PERSONALIZED PLURIPOTENT STEM CELL-BASED THERAPIES. <i>Gene Therapy and Regulation</i> , 2012, 07, 1230002.	0.3	3
24	Investigating the functionality of an OCT4-short response element in human induced pluripotent stem cells. <i>Molecular Therapy - Methods and Clinical Development</i> , 2016, 3, 16050.	4.1	2
25	Derivation and Characterization of a Transgene-free Human Induced Pluripotent Stem Cell Line and Conversion into Defined Clinical-grade Conditions. <i>Journal of Visualized Experiments</i> , 2014, , e52158.	0.3	1
26	Cloning of Amphibia. , 2014, , 175-185.		0
27	Adult Stem Cell Subsets from Adult Human Dermis. <i>Journal of Stem Cell Research & Therapy</i> , 2018, 08, .	0.3	0
28	Primate Models for the Assisted Reproductive Technologies and Embryonic Stem Cell Biology. , 2008, , 397-404.		0