

Joy Rathjen

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,176
citations

840119

11
h-index

610482

24
g-index

25
all docs

25
docs citations

25
times ranked

1707
citing authors

#	ARTICLE	IF	CITATIONS
1	Pluripotent cell division cycles are driven by ectopic Cdk2, cyclin A/E and E2F activities. <i>Oncogene</i> , 2002, 21, 8320-8333.	2.6	332
2	Genome-wide dynamics of replication timing revealed by in vitro models of mouse embryogenesis. <i>Genome Research</i> , 2010, 20, 155-169.	2.4	287
3	Directed differentiation of pluripotent cells to neural lineages: homogeneous formation and differentiation of a neurectoderm population. <i>Development (Cambridge)</i> , 2002, 129, 2649-2661.	1.2	142
4	<scp>l</scp>-Proline induces differentiation of ES cells: a novel role for an amino acid in the regulation of pluripotent cells in culture. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C982-C992.	2.1	98
5	Metaboloepigenetic Regulation of Pluripotent Stem Cells. <i>Stem Cells International</i> , 2016, 2016, 1-15.	1.2	50
6	The amino acid transporter SNAT2 mediates l-proline-induced differentiation of ES cells. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 300, C1270-C1279.	2.1	48
7	Response to BMP4 signalling during ES cell differentiation defines intermediates of the ectoderm lineage. <i>Journal of Cell Science</i> , 2010, 123, 1796-1804.	1.2	31
8	Lineage Specific Differentiation of Mouse ES Cells: Formation and Differentiation of Early Primitive Ectoderm-like (EPL) Cells. <i>Methods in Enzymology</i> , 2003, 365, 1-25.	0.4	24
9	A Novel Role for β -Secretase in the Formation of Primitive Streak-like Intermediates from ES Cells in Culture. <i>Stem Cells</i> , 2009, 27, 2941-2951.	1.4	24
10	Oxygen modulates human embryonic stem cell metabolism in the absence of changes in self-renewal. <i>Reproduction, Fertility and Development</i> , 2016, 28, 446.	0.1	23
11	Identification of a Biological Activity That Supports Maintenance and Proliferation of Pluripotent Cells from the Primitive Ectoderm of the Mouse1. <i>Biology of Reproduction</i> , 2003, 69, 1863-1871.	1.2	18
12	Src Family Kinases and p38 Mitogen-Activated Protein Kinases Regulate Pluripotent Cell Differentiation in Culture. <i>PLoS ONE</i> , 2016, 11, e0163244.	1.1	12
13	Regulation of amino acid transporters in pluripotent cell populations in the embryo and in culture; novel roles for sodium-coupled neutral amino acid transporters. <i>Mechanisms of Development</i> , 2016, 141, 32-39.	1.7	12
14	The formation of proximal and distal definitive endoderm populations in culture requires p38 MAPK activity. <i>Journal of Cell Science</i> , 2014, 127, 2204-16.	1.2	10
15	Physiological oxygen culture reveals retention of metabolic memory in human induced pluripotent stem cells. <i>PLoS ONE</i> , 2018, 13, e0193949.	1.1	10
16	Formation of Neural Precursor Cell Populations by Differentiation of Embryonic Stem Cells In Vitro. <i>Scientific World Journal</i> , The, 2002, 2, 690-700.	0.8	9
17	Manipulation of Cell:Cell Contacts and Mesoderm Suppressing Activity Direct Lineage Choice from Pluripotent Primitive Ectoderm-Like Cells in Culture. <i>PLoS ONE</i> , 2009, 4, e5579.	1.1	8
18	A Requirement for FGF Signalling in the Formation of Primitive Streak-Like Intermediates from Primitive Ectoderm in Culture. <i>PLoS ONE</i> , 2010, 5, e12555.	1.1	8

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19	Culture environment regulates amino acid turnover and glucose utilisation in human ES cells. <i>Reproduction, Fertility and Development</i> , 2014, 26, 703.	0.1	8
20	A System to Enrich for Primitive Streak-Derivatives, Definitive Endoderm and Mesoderm, from Pluripotent Cells in Culture. <i>PLoS ONE</i> , 2012, 7, e38645.	1.1	5
21	The States of Pluripotency: Pluripotent Lineage Development in the Embryo and in the Dish. <i>ISRN Stem Cells</i> , 2014, 2014, 1-19.	1.8	5
22	Regulation of pluripotent cell differentiation by a small molecule, staurosporine. <i>Differentiation</i> , 2014, 87, 101-110.	1.0	5
23	Ethics and Governance of Stem Cell Banks. <i>Methods in Molecular Biology</i> , 2017, 1590, 99-112.	0.4	4
24	Endoderm Complexity in the Mouse Gastrula Is Revealed Through the Expression of Spink3. <i>BioResearch Open Access</i> , 2014, 3, 98-109.	2.6	3
25	The formation of proximal and distal definitive endoderm populations in culture requires p38 MAPK activity. <i>Development (Cambridge)</i> , 2014, 141, e1205-e1205.	1.2	0