

Ian M Rogers

List of Publications by Year in descending order

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54
papers

2,081
citations

304368

22
h-index

243296

44
g-index

56
all docs

56
docs citations

56
times ranked

3832
citing authors

#	ARTICLE	IF	CITATIONS
1	AML cells have low spare reserve capacity in their respiratory chain that renders them susceptible to oxidative metabolic stress. <i>Blood</i> , 2015, 125, 2120-2130.	0.6	227
2	Genome-wide characterization of the routes to pluripotency. <i>Nature</i> , 2014, 516, 198-206.	13.7	187
3	Resveratrol, a natural aryl hydrocarbon receptor antagonist, protects lung from DNA damage and apoptosis caused by benzo[a]pyrene. <i>Journal of Applied Toxicology</i> , 2003, 23, 255-261.	1.4	145
4	Divergent reprogramming routes lead to alternative stem-cell states. <i>Nature</i> , 2014, 516, 192-197.	13.7	123
5	Lysosomal disruption preferentially targets acute myeloid leukemia cells and progenitors. <i>Journal of Clinical Investigation</i> , 2013, 123, 315-328.	3.9	117
6	Umbilical cord blood stem cells. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2004, 18, 893-908.	1.4	112
7	An epigenomic roadmap to induced pluripotency reveals DNA methylation as a reprogramming modulator. <i>Nature Communications</i> , 2014, 5, 5619.	5.8	108
8	Umbilical Cord Blood: A Unique Source of Pluripotent Stem Cells for Regenerative Medicine. <i>Current Stem Cell Research and Therapy</i> , 2007, 2, 301-309.	0.6	96
9	Acellular Lung Scaffolds Direct Differentiation of Endoderm to Functional Airway Epithelial Cells: Requirement of Matrix-Bound HS Proteoglycans. <i>Stem Cell Reports</i> , 2015, 4, 419-430.	2.3	91
10	Identification and analysis of in vitro cultured CD45-positive cells capable of multi-lineage differentiation. <i>Experimental Cell Research</i> , 2007, 313, 1839-1852.	1.2	77
11	CD24 tracks divergent pluripotent states in mouse and human cells. <i>Nature Communications</i> , 2015, 6, 7329.	5.8	76
12	Dynamic changes in cellular and microenvironmental composition can be controlled to elicit in vitro human hematopoietic stem cell expansion. <i>Experimental Hematology</i> , 2005, 33, 1229-1239.	0.2	59
13	Small RNA changes en route to distinct cellular states of induced pluripotency. <i>Nature Communications</i> , 2014, 5, 5522.	5.8	54
14	Clinically Relevant Expansion of Hematopoietic Stem Cells with Conserved Function in a Single-Use, Closed-System Bioprocess. <i>Biology of Blood and Marrow Transplantation</i> , 2006, 12, 1020-1030.	2.0	50
15	Neural progenitors, neurons and oligodendrocytes from human umbilical cord blood cells in a serum-free, feeder-free cell culture. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 217-221.	1.0	42
16	The Effect of Umbilical Cord Blood Cells on Outcomes After Experimental Traumatic Spinal Cord Injury. <i>Spine</i> , 2010, 35, 1520-1526.	1.0	41
17	A comparison of intravenous and intradiscal delivery of multipotential stem cells on the healing of injured intervertebral disk. <i>Journal of Orthopaedic Research</i> , 2014, 32, 819-825.	1.2	35
18	Generation of Induced Progenitor-like Cells from Mature Epithelial Cells Using Interrupted Reprogramming. <i>Stem Cell Reports</i> , 2017, 9, 1780-1795.	2.3	30

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19	Generation of infant- and pediatric-derived urinary induced pluripotent stem cells competent to form kidney organoids. <i>Pediatric Research</i> , 2020, 87, 647-655.	1.1	29
20	Acellular Mouse Kidney ECM can be Used as a Three-Dimensional Substrate to Test the Differentiation Potential of Embryonic Stem Cell Derived Renal Progenitors. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 513-531.	5.6	28
21	TP63 basal cells are indispensable during endoderm differentiation into proximal airway cells on acellular lung scaffolds. <i>Npj Regenerative Medicine</i> , 2021, 6, 12.	2.5	25
22	Site of action of imprinted genes revealed by phenotypic analysis of parthenogenetic embryos. <i>Genesis</i> , 1993, 14, 239-248.	3.1	24
23	Umbilical cord-derived stem cells for tissue therapy: current and future uses. <i>Regenerative Medicine</i> , 2006, 1, 777-787.	0.8	24
24	Bone Marrow Transplantation Results in Human Donor Blood Cells Acquiring and Displaying Mouse Recipient Class I MHC and CD45 Antigens on Their Surface. <i>PLoS ONE</i> , 2009, 4, e8489.	1.1	20
25	An Expanded Population of CD34+ Cells from Frozen Banked Umbilical Cord Blood Demonstrate Tissue Repair Mechanisms of Mesenchymal Stromal Cells and Circulating Angiogenic Cells in an Ischemic Hind Limb Model. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 338-350.	5.6	19
26	Limitations of recellularized biological scaffolds for human transplantation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 521-538.	1.3	19
27	The transfer of host MHC class I protein protects donor cells from NK cell and macrophage-mediated rejection during hematopoietic stem cell transplantation and engraftment in mice. <i>Stem Cells</i> , 2013, 31, 2242-2252.	1.4	17
28	Epigenetic alterations brought about by lithium treatment disrupt mouse embryo development. <i>Molecular Reproduction and Development</i> , 1996, 45, 163-170.	1.0	16
29	Targeting Cancer Stem Cell Lines as a New Treatment of Human Cancer. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2010, 5, 205-218.	0.8	16
30	Banking Mesenchymal Stromal Cells from Umbilical Cord Tissue: Large Sample Size Analysis Reveals Consistency Between Donors. <i>Stem Cells Translational Medicine</i> , 2019, 8, 1041-1054.	1.6	16
31	A Simplified Procedure for Hematopoietic Stem Cell Amplification Using a Serum-Free, Feeder Cell-Free Culture System. <i>Biology of Blood and Marrow Transplantation</i> , 2008, 14, 927-937.	2.0	13
32	The AC133+CD38 ⁺ , but not the rhodamine-low, phenotype tracks LTC-IC and SRC function in human cord blood ex vivo expansion cultures. <i>Blood</i> , 2010, 115, 257-260.	0.6	13
33	Interrupted reprogramming of alveolar type II cells induces progenitor-like cells that ameliorate pulmonary fibrosis. <i>Npj Regenerative Medicine</i> , 2018, 3, 14.	2.5	13
34	Epigenetic changes to human umbilical cord blood cells cultured with three proteins indicate partial reprogramming to a pluripotent state. <i>Experimental Cell Research</i> , 2010, 316, 927-939.	1.2	12
35	Stem cells: you can't tell a cell by its cover. <i>Human Reproduction Update</i> , 2003, 9, 25-33.	5.2	11
36	Transdifferentiation of endogenous cells: Cell therapy without the cells. <i>Cell Cycle</i> , 2009, 8, 4023-4028.	1.3	9

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37	Umbilical Cord Tissue as a Source of Young Cells for the Derivation of Induced Pluripotent Stem Cells Using Non-Integrating Episomal Vectors and Feeder-Free Conditions. <i>Cells</i> , 2021, 10, 49.	1.8	8
38	Decellularization of porcine kidney with submicellar concentrations of SDS results in the retention of ECM proteins required for the adhesion and maintenance of human adult renal epithelial cells. <i>Biomaterials Science</i> , 2022, 10, 2972-2990.	2.6	8
39	Decellularizing and Recellularizing Adult Mouse Kidneys. <i>Methods in Molecular Biology</i> , 2019, 1926, 169-184.	0.4	7
40	Recapitulating kidney development in vitro by priming and differentiating mouse embryonic stem cells in monolayers. <i>Npj Regenerative Medicine</i> , 2020, 5, 7.	2.5	7
41	Rapid target validation in a Cas9-inducible hiPSC derived kidney model. <i>Scientific Reports</i> , 2021, 11, 16532.	1.6	7
42	AML Cells Have Altered Mitochondrial Biogenesis and Low Spare Reserve Capacity in Their Respiratory Chain That Renders Them Susceptible to Oxidative Metabolic Stress.. <i>Blood</i> , 2012, 120, 2581-2581.	0.6	7
43	Induced Pluripotent Stem Cells from Human Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 1179-1180.	3.0	6
44	Topical Application of Culture-Expanded CD34+ Umbilical Cord Blood Cells from Frozen Units Accelerates Healing of Diabetic Skin Wounds in Mice. <i>Stem Cells Translational Medicine</i> , 2018, 7, 591-601.	1.6	6
45	Trogocytosis in allogeneic transplants. <i>Chimerism</i> , 2013, 4, 142-143.	0.7	5
46	Lysosomal Disruption Selectively Targets Leukemia Cells and Leukemia Stem Cells Through A Mechanism Related to Increased Reactive Oxygen Species Production. <i>Blood</i> , 2011, 118, 61-61.	0.6	5
47	Lifeline in an ethical quagmire: umbilical cord blood as an alternative to embryonic stem cells*1. <i>Sexuality, Reproduction & Menopause</i> , 2004, 2, 64-70.	1.0	4
48	Toward Transgene-Free Induced Pluripotent Stem Cells: Lessons from Transdifferentiation Studies. <i>Cellular Reprogramming</i> , 2011, 13, 273-280.	0.5	4
49	Cell Therapy for Alport Syndrome. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 2279-2281.	3.0	2
50	Periostin is critical for improving the therapeutic properties of adipocyte-derived stem cells. <i>Stem Cell Research and Therapy</i> , 2015, 6, 214.	2.4	2
51	Ex Vivo Perfusion Using a Mathematical Modeled, Controlled Gas Exchange Self-Contained Bioreactor Can Maintain a Mouse Kidney for Seven Days. <i>Cells</i> , 2022, 11, 1822.	1.8	2
52	Several epitopes of p85 glycoprotein (CDw44) are dependent on intact disulphide bonds. Isolation of cDNA clones requires a polyclonal antibody raised against the reduced protein. <i>Bioscience Reports</i> , 1988, 8, 359-368.	1.1	1
53	Advances in Umbilical Cord Blood Therapy: Hematopoietic Stem Cell Transplantation and Beyond. <i>Pancreatic Islet Biology</i> , 2017, , 139-168.	0.1	1
54	Transfer of Recipient MHC Proteins to Donor Cells (trogocytosis) During Xenograft Bone Marrow Transplantation. <i>Blood</i> , 2010, 116, 4698-4698.	0.6	0