

Mark S Dooner

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,782
citations

331670

21
h-index

265206

42
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58
all docs

58
docs citations

58
times ranked

2119
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosomes induce and reverse monocrotaline-induced pulmonary hypertension in mice. <i>Cardiovascular Research</i> , 2016, 110, 319-330.	3.8	196
2	Microvesicle entry into marrow cells mediates tissue-specific changes in mRNA by direct delivery of mRNA and induction of transcription. <i>Experimental Hematology</i> , 2010, 38, 233-245.	0.4	186
3	Alteration of Marrow Cell Gene Expression, Protein Production, and Engraftment into Lung by Lung-Derived Microvesicles: A Novel Mechanism for Phenotype Modulation. <i>Stem Cells</i> , 2007, 25, 2245-2256.	3.2	169
4	Potential and Distribution of Transplanted Hematopoietic Stem Cells in a Nonablated Mouse Model. <i>Blood</i> , 1997, 89, 4013-4020.	1.4	164
5	Adhesion receptor expression by hematopoietic cell lines and murine progenitors. <i>Experimental Hematology</i> , 1999, 27, 533-541.	0.4	134
6	Stem cell plasticity revisited: The continuum marrow model and phenotypic changes mediated by microvesicles. <i>Experimental Hematology</i> , 2010, 38, 581-592.	0.4	90
7	Marrow Stem Cells Shift Gene Expression and Engraftment Phenotype with Cell Cycle Transit. <i>Journal of Experimental Medicine</i> , 2003, 197, 1563-1572.	8.5	76
8	Bone marrow production of lung cells: The impact of G-CSF, cardiotoxin, graded doses of irradiation, and subpopulation phenotype. <i>Experimental Hematology</i> , 2006, 34, 230-241.	0.4	58
9	Mesenchymal Stem Cell Extracellular Vesicles Reverse Sugen/Hypoxia Pulmonary Hypertension in Rats. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 577-587.	2.9	54
10	Homing of Purified Murine Lymphohematopoietic Stem Cells: A Cytokine-Induced Defect. <i>Journal of Hematotherapy and Stem Cell Research</i> , 2002, 11, 913-922.	1.8	53
11	Intrinsic hematopoietic stem cell/progenitor plasticity: Inversions. <i>Journal of Cellular Physiology</i> , 2004, 199, 20-31.	4.1	52
12	Progenitor/Stem Cell Fate Determination: Interactive Dynamics of Cell Cycle and Microvesicles. <i>Stem Cells and Development</i> , 2012, 21, 1627-1638.	2.1	43
13	Biodistribution of Mesenchymal Stem Cell-Derived Extracellular Vesicles in a Radiation Injury Bone Marrow Murine Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5468.	4.1	42
14	Potential biomarkers to detect traumatic brain injury by the profiling of salivary extracellular vesicles. <i>Journal of Cellular Physiology</i> , 2019, 234, 14377-14388.	4.1	41
15	Stable cell fate changes in marrow cells induced by lung-derived microvesicles. <i>Journal of Extracellular Vesicles</i> , 2012, 1, .	12.2	40
16	DEVELOPMENTAL BIOLOGY: Ignoratio Elenchi: Red Herrings in Stem Cell Research. <i>Science</i> , 2005, 308, 1121-1122.	12.6	37
17	Stem cell continuum: Directed differentiation hotspots. <i>Experimental Hematology</i> , 2007, 35, 96-107.	0.4	36
18	Conversion Potential of Marrow Cells into Lung Cells Fluctuates with Cytokine-Induced Cell Cycle. <i>Stem Cells and Development</i> , 2008, 17, 207-220.	2.1	29

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19	Potential functional applications of extracellular vesicles: a report by the NIH Common Fund Extracellular RNA Communication Consortium. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 27575.	12.2	28
20	Concise Reviews: A Stem Cell Apostasy: A Tale of Four H Words. <i>Stem Cells</i> , 2015, 33, 15-20.	3.2	25
21	Gene expression fluctuations in murine hematopoietic stem cells with cell cycle progression. <i>Journal of Cellular Physiology</i> , 2008, 214, 786-795.	4.1	24
22	The Stem Cell Continuum. <i>Annals of the New York Academy of Sciences</i> , 2005, 1044, 228-235.	3.8	23
23	Lung-derived exosome uptake into and epigenetic modulation of marrow progenitor/stem and differentiated cells. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 26166.	12.2	23
24	Bone Marrow Endothelial Progenitor Cells Are the Cellular Mediators of Pulmonary Hypertension in the Murine Monocrotaline Injury Model. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1595-1606.	3.3	21
25	Critical variables in the conversion of marrow cells to skeletal muscle. <i>Blood</i> , 2005, 106, 1488-1494.	1.4	18
26	Marrow Hematopoietic Stem Cells Revisited: They Exist in a Continuum and are Not Defined by Standard Purification Approaches; Then There are the Microvesicles. <i>Frontiers in Oncology</i> , 2014, 4, 56.	2.8	17
27	Inflammation-related gene expression profiles of salivary extracellular vesicles in patients with head trauma. <i>Neural Regeneration Research</i> , 2020, 15, 676.	3.0	17
28	Targeting RUNX1 as a novel treatment modality for pulmonary arterial hypertension. <i>Cardiovascular Research</i> , 2022, 118, 3211-3224.	3.8	16
29	The role of salivary vesicles as a potential inflammatory biomarker to detect traumatic brain injury in mixed martial artists. <i>Scientific Reports</i> , 2021, 11, 8186.	3.3	12
30	A new stem cell biology: the continuum and microvesicles. <i>Transactions of the American Clinical and Climatological Association</i> , 2012, 123, 152-66; discussion 166.	0.5	11
31	Daily rhythms influence the ability of lung-derived extracellular vesicles to modulate bone marrow cell phenotype. <i>PLoS ONE</i> , 2018, 13, e0207444.	2.5	9
32	Low dose 100% cGy irradiation as a potential therapy for pulmonary hypertension. <i>Journal of Cellular Physiology</i> , 2019, 234, 21193-21198.	4.1	9
33	Expression of Cell Cycle-Related Genes With Cytokine-Induced Cell Cycle Progression of Primitive Hematopoietic Stem Cells. <i>Stem Cells and Development</i> , 2010, 19, 453-460.	2.1	8
34	Extracellular Vesicles (EVs) Shape the Leukemic Microenvironment. <i>Blood</i> , 2018, 132, 5428-5428.	1.4	4
35	Effect of dose, dosing intervals, and hypoxic stress on the reversal of pulmonary hypertension by mesenchymal stem cell extracellular vesicles. <i>Pulmonary Circulation</i> , 2021, 11, 1-11.	1.7	3
36	Mesenchymal Stem Cell-Derived Vesicles Reverse Hematopoietic Radiation Damage. <i>Blood</i> , 2013, 122, 2459-2459.	1.4	3

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37	Endothelial Progenitor Cells Are the Bone Marrow Cell Population in Mice with Monocrotaline-Induced Pulmonary Hypertension Which Induce Pulmonary Hypertension in Healthy Mice. <i>Blood</i> , 2015, 126, 3455-3455.	1.4	3
38	Heuristic bias in stem cell biology. <i>Stem Cell Research and Therapy</i> , 2019, 10, 241.	5.5	2
39	Differentiation Epitopes Define Hematopoietic Stem Cells and Change with Cell Cycle Passage. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 2351-2364.	3.8	2
40	Reversal of Radiation Damage to Marrow Stem Cells By Mesenchymal Stem Cell Derived Vesicles. <i>Blood</i> , 2014, 124, 5118-5118.	1.4	1
41	Differentiation Profiling of Marrow Stem Cells: A Megakaryocytic Hotspot and the Continuum Model of Hematopoiesis. <i>Blood</i> , 2008, 112, 4776-4776.	1.4	1
42	Robust Hematopoietic Stem Cell Function and Minimal Myeloid Skewing with Aging in Un-Separated Murine Whole Bone Marrow: What Are We Losing with Hematopoietic Stem Cell Purification?. <i>Blood</i> , 2019, 134, 3723-3723.	1.4	1
43	Age-Associated Changes in Bone Marrow-Derived Extracellular Vesicles May Alter Their Effects on Murine Hematopoietic Stem Cell Function. <i>Blood</i> , 2020, 136, 37-37.	1.4	1
44	Differentiation Hotspots on a Cell Cycle Related Continuum.. <i>Blood</i> , 2007, 110, 3703-3703.	1.4	0
45	Stem cells and the lung. <i>FASEB Journal</i> , 2009, 23, 186.2.	0.5	0
46	Microvesicle Mediated Genetic Phenotype Modulation.. <i>Blood</i> , 2009, 114, 4509-4509.	1.4	0
47	Bone Marrow Transplant Induces Pulmonary Vascular Remodeling in Mice.. <i>Blood</i> , 2009, 114, 4480-4480.	1.4	0
48	Adhesion Protein Profile of Lung-Derived Microvesicles. <i>Blood</i> , 2010, 116, 4803-4803.	1.4	0
49	Lung-Derived Microvesicles Induce Stable Long-Term Epigenetic Changes In Marrow Cells. <i>Blood</i> , 2010, 116, 4799-4799.	1.4	0
50	A General Theory of Marrow Stem Cell Fate Determination. <i>Blood</i> , 2010, 116, 4794-4794.	1.4	0
51	Cycling Marrow Stem Cells Are Lost with Purification.. <i>Blood</i> , 2012, 120, 2308-2308.	1.4	0
52	Intercellular Communication Between Extracellular Vesicles and Murine Marrow Cells Is Influenced By Circadian Rhythm. <i>Blood</i> , 2014, 124, 2924-2924.	1.4	0
53	Defining Engraftment Potential within the Lineage Positive Population in Murine Marrow. <i>Blood</i> , 2014, 124, 4303-4303.	1.4	0
54	Hematopoietic Stem Cell Purification Leads to Loss of a Stem Cell Population within the Lineage Positive Cellular Fraction. <i>Blood</i> , 2015, 126, 4756-4756.	1.4	0

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55	Biological Effects of Different Extracellular Vesicles Population on Reversal of Marrow Cells Radiation Damage. Blood, 2015, 126, 3598-3598.	1.4	0
56	Long-Term Effect of Mesenchymal Stromal Cell Derived Extracellular Vesicles on the Restoration of Engraftment of Stem Cells in Radiation Exposed Mice. Blood, 2018, 132, 5102-5102.	1.4	0
57	Using Machine Learning to Classify the "Goodness" of Hmsc-Derived and AML-Derived EV's. Blood, 2018, 132, 5244-5244.	1.4	0
58	Mesenchymal Stem Cell Derived Extracellular Vesicles Reverse Radiation-Induced Cytokine Storm. Blood, 2021, 138, 1100-1100.	1.4	0