

Mark S Dooner

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

1,467
citations

20
h-index

38
g-index

58
ext. papers

1,622
ext. citations

4.9
avg, IF

3.83
L-index

#	Paper	IF	Citations
57	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, 233-45	3.1	169
56	Potential and Distribution of Transplanted Hematopoietic Stem Cells in a Nonablated Mouse Model. <i>Blood</i> , 1997 , 89, 4013-4020	2.2	153
55	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, 2245-56	5.8	149
54	Exosomes induce and reverse monocrotaline-induced pulmonary hypertension in mice. <i>Cardiovascular Research</i> , 2016 , 110, 319-30	9.9	142
53	Adhesion receptor expression by hematopoietic cell lines and murine progenitors: modulation by cytokines and cell cycle status. <i>Experimental Hematology</i> , 1999 , 27, 533-41	3.1	123
52	Stem cell plasticity revisited: the continuum marrow model and phenotypic changes mediated by microvesicles. <i>Experimental Hematology</i> , 2010 , 38, 581-92	3.1	82
51	Marrow stem cells shift gene expression and engraftment phenotype with cell cycle transit. <i>Journal of Experimental Medicine</i> , 2003 , 197, 1563-72	16.6	71
50	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, 230-41	3.1	52
49	Homing of purified murine lymphohematopoietic stem cells: a cytokine-induced defect. <i>Journal of Hematotherapy and Stem Cell Research</i> , 2002 , 11, 913-22		46
48	Intrinsic hematopoietic stem cell/progenitor plasticity: Inversions. <i>Journal of Cellular Physiology</i> , 2004 , 199, 20-31	7	42
47	Progenitor/stem cell fate determination: interactive dynamics of cell cycle and microvesicles. <i>Stem Cells and Development</i> , 2012 , 21, 1627-38	4.4	39
46	Stable cell fate changes in marrow cells induced by lung-derived microvesicles. <i>Journal of Extracellular Vesicles</i> , 2012 , 1,	16.4	37
45	Stem cell continuum: directed differentiation hotspots. <i>Experimental Hematology</i> , 2007 , 35, 96-107	3.1	32
44	Developmental biology: Ignoratio elenchi: red herrings in stem cell research. <i>Science</i> , 2005 , 308, 1121-2	33.3	32
43	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	5.7	28
42	Potential biomarkers to detect traumatic brain injury by the profiling of salivary extracellular vesicles. <i>Journal of Cellular Physiology</i> , 2019 , 234, 14377-14388	7	28
41	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,	6.3	25

40	Conversion potential of marrow cells into lung cells fluctuates with cytokine-induced cell cycle. <i>Stem Cells and Development</i> , 2008 , 17, 207-19	4.4	24
39	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	16.4	22
38	Gene expression fluctuations in murine hematopoietic stem cells with cell cycle progression. <i>Journal of Cellular Physiology</i> , 2008 , 214, 786-95	7	22
37	The stem cell continuum. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1044, 228-35	6.5	18
36	Concise reviews: A stem cell apostasy: a tale of four H words. <i>Stem Cells</i> , 2015 , 33, 15-20	5.8	17
35	Lung-derived exosome uptake into and epigenetic modulation of marrow progenitor/stem and differentiated cells. <i>Journal of Extracellular Vesicles</i> , 2015 , 4, 26166	16.4	17
34	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	6.9	16
33	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	5.3	14
32	Critical variables in the conversion of marrow cells to skeletal muscle. <i>Blood</i> , 2005 , 106, 1488-94	2.2	13
31	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	0.9	11
30	Inflammation-related gene expression profiles of salivary extracellular vesicles in patients with head trauma. <i>Neural Regeneration Research</i> , 2020 , 15, 676-681	4.5	10
29	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, 453-60	4.4	7
28	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	4.9	6
27	Daily rhythms influence the ability of lung-derived extracellular vesicles to modulate bone marrow cell phenotype. <i>PLoS ONE</i> , 2018 , 13, e0207444	3.7	6
26	Low dose 100 cGy irradiation as a potential therapy for pulmonary hypertension. <i>Journal of Cellular Physiology</i> , 2019 , 234, 21193-21198	7	4
25	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	2.2	3
24	Heuristic bias in stem cell biology. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 241	8.3	2
23	Mesenchymal Stem Cell-Derived Vesicles Reverse Hematopoietic Radiation Damage. <i>Blood</i> , 2013 , 122, 2459-2459	2.2	2

22	Reversal of Radiation Damage to Marrow Stem Cells By Mesenchymal Stem Cell Derived Vesicles. <i>Blood</i> , 2014 , 124, 5118-5118	2.2	1
21	Extracellular Vesicles (EVs) Shape the Leukemic Microenvironment. <i>Blood</i> , 2018 , 132, 5428-5428	2.2	1
20	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, 20458940211046137	2.7	1
19	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	2.2	0
18	Differentiation Epitopes Define Hematopoietic Stem Cells and Change with Cell Cycle Passage.. <i>Stem Cell Reviews and Reports</i> , 2022 , 1	7.3	0
17	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	2.2	
16	Mesenchymal Stem Cell Derived Extracellular Vesicles Reverse Radiation-Induced Cytokine Storm. <i>Blood</i> , 2021 , 138, 1100-1100	2.2	
15	Differentiation Hotspots on a Cell Cycle Related Continuum.. <i>Blood</i> , 2007 , 110, 3703-3703	2.2	
14	Long-Term Effect of Mesenchymal Stromal Cell Derived Extracellular Vesicles on the Restoration of Engraftment of Stem Cells in Radiation Exposed Mice. <i>Blood</i> , 2018 , 132, 5102-5102	2.2	
13	Using Machine Learning to Classify the "Goodness" of Hmsc-Derived and AML-Derived EVs. <i>Blood</i> , 2018 , 132, 5244-5244	2.2	
12	Intercellular Communication Between Extracellular Vesicles and Murine Marrow Cells Is Influenced By Circadian Rhythm. <i>Blood</i> , 2014 , 124, 2924-2924	2.2	
11	Defining Engraftment Potential within the Lineage Positive Population in Murine Marrow. <i>Blood</i> , 2014 , 124, 4303-4303	2.2	
10	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	2.2	
9	Biological Effects of Different Extracellular Vesicles Population on Reversal of Marrow Cells Radiation Damage. <i>Blood</i> , 2015 , 126, 3598-3598	2.2	
8	Differentiation Profiling of Marrow Stem Cells: A Megakaryocytic Hotspot and the Continuum Model of Hematopoiesis. <i>Blood</i> , 2008 , 112, 4776-4776	2.2	
7	Stem cells and the lung. <i>FASEB Journal</i> , 2009 , 23, 186.2	0.9	
6	Microvesicle Mediated Genetic Phenotype Modulation.. <i>Blood</i> , 2009 , 114, 4509-4509	2.2	
5	Bone Marrow Transplant Induces Pulmonary Vascular Remodeling in Mice.. <i>Blood</i> , 2009 , 114, 4480-4480	2.2	

- 4 Adhesion Protein Profile of Lung-Derived Microvesicles. *Blood*, **2010**, 116, 4803-4803 2.2
- 3 Lung-Derived Microvesicles Induce Stable Long-Term Epigenetic Changes In Marrow Cells. *Blood*, **2010**, 116, 4799-4799 2.2
- 2 A General Theory of Marrow Stem Cell Fate Determination. *Blood*, **2010**, 116, 4794-4794 2.2
- 1 Cycling Marrow Stem Cells Are Lost with Purification.. *Blood*, **2012**, 120, 2308-2308 2.2