Mark S Dooner

List of Publications by Year in Descending Order

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	Differentiation Epitopes Define Hematopoietic Stem Cells and Change with Cell Cycle Passage.. *Stem Cell Reviews and Reports*, **2022**, 1	7.3	0
56	Mesenchymal Stem Cell Derived Extracellular Vesicles Reverse Radiation-Induced Cytokine Storm. *Blood*, **2021**, 138, 1100-1100	2.2	
55	The role of salivary vesicles as a potential inflammatory biomarker to detect traumatic brain injury in mixed martial artists. *Scientific Reports*, **2021**, 11, 8186	4.9	6
54	Effect of dose, dosing intervals, and hypoxic stress on the reversal of pulmonary hypertension by mesenchymal stem cell extracellular vesicles.. *Pulmonary Circulation*, **2021**, 11, 20458940211046137	2.7	1
53	Age-Associated Changes in Bone Marrow-Derived Extracellular Vesicles May Alter Their Effects on Murine Hematopoietic Stem Cell Function. *Blood*, **2020**, 136, 37-37	2.2	
52	Inflammation-related gene expression profiles of salivary extracellular vesicles in patients with head trauma. *Neural Regeneration Research*, **2020**, 15, 676-681	4.5	10
51	Mesenchymal Stem Cell Extracellular Vesicles Reverse Sugen/Hypoxia Pulmonary Hypertension in Rats. *American Journal of Respiratory Cell and Molecular Biology*, **2020**, 62, 577-587	5.7	28
50	Low dose 100 cGy irradiation as a potential therapy for pulmonary hypertension. *Journal of Cellular Physiology*, **2019**, 234, 21193-21198	7	4
49	Heuristic bias in stem cell biology. *Stem Cell Research and Therapy*, **2019**, 10, 241	8.3	2
48	Biodistribution of Mesenchymal Stem Cell-Derived Extracellular Vesicles in a Radiation Injury Bone Marrow Murine Model. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	25
47	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?. *Blood*, **2019**, 134, 3723-3723	2.2	0
46	Potential biomarkers to detect traumatic brain injury by the profiling of salivary extracellular vesicles. *Journal of Cellular Physiology*, **2019**, 234, 14377-14388	7	28
45	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	2.2	
44	Using Machine Learning to Classify the "Goodness" of Hmsc-Derived and AML-Derived EVs. *Blood*, **2018**, 132, 5244-5244	2.2	
43	Extracellular Vesicles (EVs) Shape the Leukemic Microenvironment. *Blood*, **2018**, 132, 5428-5428	2.2	1
42	Daily rhythms influence the ability of lung-derived extracellular vesicles to modulate bone marrow cell phenotype. *PLoS ONE*, **2018**, 13, e0207444	3.7	6
41	Bone Marrow Endothelial Progenitor Cells Are the Cellular Mediators of Pulmonary Hypertension in the Murine Monocrotaline Injury Model. *Stem Cells Translational Medicine*, **2017**, 6, 1595-1606	6.9	16

40	Exosomes induce and reverse monocrotaline-induced pulmonary hypertension in mice. *Cardiovascular Research*, **2016**, 110, 319-30	9.9	142
39	Concise reviews: A stem cell apostasy: a tale of four H words. *Stem Cells*, **2015**, 33, 15-20	5.8	17
38	Potential functional applications of extracellular vesicles: a report by the NIH Common Fund Extracellular RNA Communication Consortium. *Journal of Extracellular Vesicles*, **2015**, 4, 27575	16.4	22
37	Lung-derived exosome uptake into and epigenetic modulation of marrow progenitor/stem and differentiated cells. *Journal of Extracellular Vesicles*, **2015**, 4, 26166	16.4	17
36	Endothelial Progenitor Cells Are the Bone Marrow Cell Population in Mice with Monocrotaline-Induced Pulmonary Hypertension Which Induce Pulmonary Hypertension in Healthy Mice. *Blood*, **2015**, 126, 3455-3455	2.2	3
35	Hematopoietic Stem Cell Purification Leads to Loss of a Stem Cell Population within the Lineage Positive Cellular Fraction. *Blood*, **2015**, 126, 4756-4756	2.2	
34	Biological Effects of Different Extracellular Vesicles Population on Reversal of Marrow Cells Radiation Damage. *Blood*, **2015**, 126, 3598-3598	2.2	
33	Marrow Hematopoietic Stem Cells Revisited: They Exist in a Continuum and are Not Defined by Standard Purification Approaches; Then There are the Microvesicles. *Frontiers in Oncology*, **2014**, 4, 56	5.3	14
32	Reversal of Radiation Damage to Marrow Stem Cells By Mesenchymal Stem Cell Derived Vesicles. *Blood*, **2014**, 124, 5118-5118	2.2	1
31	Intercellular Communication Between Extracellular Vesicles and Murine Marrow Cells Is Influenced By Circadian Rhythm. *Blood*, **2014**, 124, 2924-2924	2.2	
30	Defining Engraftment Potential within the Lineage Positive Population in Murine Marrow. *Blood*, **2014**, 124, 4303-4303	2.2	
29	Mesenchymal Stem Cell-Derived Vesicles Reverse Hematopoietic Radiation Damage. *Blood*, **2013**, 122, 2459-2459	2.2	2
28	Progenitor/stem cell fate determination: interactive dynamics of cell cycle and microvesicles. *Stem Cells and Development*, **2012**, 21, 1627-38	4.4	39
27	Stable cell fate changes in marrow cells induced by lung-derived microvesicles. *Journal of Extracellular Vesicles*, **2012**, 1,	16.4	37
26	A new stem cell biology: the continuum and microvesicles. *Transactions of the American Clinical and Climatological Association*, **2012**, 123, 152-66; discussion 166	0.9	11
25	Cycling Marrow Stem Cells Are Lost with Purification.. *Blood*, **2012**, 120, 2308-2308	2.2	
24	Expression of cell cycle-related genes with cytokine-induced cell cycle progression of primitive hematopoietic stem cells. *Stem Cells and Development*, **2010**, 19, 453-60	4.4	7
23	Microvesicle entry into marrow cells mediates tissue-specific changes in mRNA by direct delivery of mRNA and induction of transcription. *Experimental Hematology*, **2010**, 38, 233-45	3.1	169

22	Stem cell plasticity revisited: the continuum marrow model and phenotypic changes mediated by microvesicles. *Experimental Hematology*, **2010**, 38, 581-92	3.1	82
21	Adhesion Protein Profile of Lung-Derived Microvesicles. *Blood*, **2010**, 116, 4803-4803	2.2	
20	Lung-Derived Microvesicles Induce Stable Long-Term Epigenetic Changes In Marrow Cells. *Blood*, **2010**, 116, 4799-4799	2.2	
19	A General Theory of Marrow Stem Cell Fate Determination. *Blood*, **2010**, 116, 4794-4794	2.2	
18	Stem cells and the lung. *FASEB Journal*, **2009**, 23, 186.2	0.9	
17	Microvesicle Mediated Genetic Phenotype Modulation.. *Blood*, **2009**, 114, 4509-4509	2.2	
16	Bone Marrow Transplant Induces Pulmonary Vascular Remodeling in Mice.. *Blood*, **2009**, 114, 4480-4480	2.2	
15	Conversion potential of marrow cells into lung cells fluctuates with cytokine-induced cell cycle. *Stem Cells and Development*, **2008**, 17, 207-19	4.4	24
14	Gene expression fluctuations in murine hematopoietic stem cells with cell cycle progression. *Journal of Cellular Physiology*, **2008**, 214, 786-95	7	22
13	Differentiation Profiling of Marrow Stem Cells: A Megakaryocytic Hotspot and the Continuum Model of Hematopoiesis. *Blood*, **2008**, 112, 4776-4776	2.2	
12	Alteration of marrow cell gene expression, protein production, and engraftment into lung by lung-derived microvesicles: a novel mechanism for phenotype modulation. *Stem Cells*, **2007**, 25, 2245-56	5.8	149
11	Stem cell continuum: directed differentiation hotspots. *Experimental Hematology*, **2007**, 35, 96-107	3.1	32
10	Differentiation Hotspots on a Cell Cycle Related Continuum.. *Blood*, **2007**, 110, 3703-3703	2.2	
9	Bone marrow production of lung cells: the impact of G-CSF, cardiotoxin, graded doses of irradiation, and subpopulation phenotype. *Experimental Hematology*, **2006**, 34, 230-41	3.1	52
8	Critical variables in the conversion of marrow cells to skeletal muscle. *Blood*, **2005**, 106, 1488-94	2.2	13
7	The stem cell continuum. *Annals of the New York Academy of Sciences*, **2005**, 1044, 228-35	6.5	18
6	Developmental biology: Ignoratio elenchi: red herrings in stem cell research. *Science*, **2005**, 308, 1121-2	33.3	32
5	Intrinsic hematopoietic stem cell/progenitor plasticity: Inversions. *Journal of Cellular Physiology*, **2004**, 199, 20-31	7	42

4	Marrow stem cells shift gene expression and engraftment phenotype with cell cycle transit. *Journal of Experimental Medicine*, **2003**, 197, 1563-72	16.6	71
3	Homing of purified murine lymphohematopoietic stem cells: a cytokine-induced defect. *Journal of Hematotherapy and Stem Cell Research*, **2002**, 11, 913-22		46
2	Adhesion receptor expression by hematopoietic cell lines and murine progenitors: modulation by cytokines and cell cycle status. *Experimental Hematology*, **1999**, 27, 533-41	3.1	123
1	Potential and Distribution of Transplanted Hematopoietic Stem Cells in a Nonablated Mouse Model. *Blood*, **1997**, 89, 4013-4020	2.2	153