Peter J Quesenberry

List of Publications by Citations

85 papers	4,584 citations	24 h-index	67 g-index
90 ext. papers	5,437 ext. citations	4.9 avg, IF	5.17 L-index

#	Paper	IF	Citations
85	Minimal experimental requirements for definition of extracellular vesicles and their functions: a position statement from the International Society for Extracellular Vesicles. *Journal of Extracellular Vesicles*, **2014**, 3, 26913	16.4	1589
84	Applying extracellular vesicles based therapeutics in clinical trials - an ISEV position paper. *Journal of Extracellular Vesicles*, **2015**, 4, 30087	16.4	722
83	Biodistribution of mesenchymal stem cell-derived extracellular vesicles in a model of acute kidney injury monitored by optical imaging. *International Journal of Molecular Medicine*, **2014**, 33, 1055-63	4.4	209
82	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
81	AKI Recovery Induced by Mesenchymal Stromal Cell-Derived Extracellular Vesicles Carrying MicroRNAs. *Journal of the American Society of Nephrology: JASN*, **2015**, 26, 2349-60	12.7	164
80	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
79	Exosomes induce and reverse monocrotaline-induced pulmonary hypertension in mice. *Cardiovascular Research*, **2016**, 110, 319-30	9.9	142
78	Role of extracellular RNA-carrying vesicles in cell differentiation and reprogramming. *Stem Cell Research and Therapy*, **2015**, 6, 153	8.3	131
77	Renal Regenerative Potential of Different Extracellular Vesicle Populations Derived from Bone Marrow Mesenchymal Stromal Cells. *Tissue Engineering - Part A*, **2017**, 23, 1262-1273	3.9	117
76	Exosome and Microvesicle-Enriched Fractions Isolated from Mesenchymal Stem Cells by Gradient Separation Showed Different Molecular Signatures and Functions on Renal Tubular Epithelial Cells. *Stem Cell Reviews and Reports*, **2017**, 13, 226-243	6.4	99
75	Cellular phenotype switching and microvesicles. *Advanced Drug Delivery Reviews*, **2010**, 62, 1141-8	18.5	98
74	The paradoxical dynamism of marrow stem cells: considerations of stem cells, niches, and microvesicles. *Stem Cell Reviews and Reports*, **2008**, 4, 137-47	6.4	85
73	Role of Alix in miRNA packaging during extracellular vesicle biogenesis. *International Journal of Molecular Medicine*, **2016**, 37, 958-66	4.4	84
72	Stem cell plasticity revisited: the continuum marrow model and phenotypic changes mediated by microvesicles. *Experimental Hematology*, **2010**, 38, 581-92	3.1	82
71	Cellular phenotype and extracellular vesicles: basic and clinical considerations. *Stem Cells and Development*, **2014**, 23, 1429-36	4.4	61
70	Induction of pulmonary hypertensive changes by extracellular vesicles from monocrotaline-treated mice. *Cardiovascular Research*, **2013**, 100, 354-62	9.9	47
69	Progenitor/stem cell fate determination: interactive dynamics of cell cycle and microvesicles. *Stem Cells and Development*, **2012**, 21, 1627-38	4.4	39

68	The stem cell continuum: cell cycle, injury, and phenotype lability. *Annals of the New York Academy of Sciences*, **2007**, 1106, 20-9	6.5	38
67	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
66	Potential biomarkers to detect traumatic brain injury by the profiling of salivary extracellular vesicles. *Journal of Cellular Physiology*, **2019**, 234, 14377-14388	7	28
65	Renal Regenerative Potential of Extracellular Vesicles Derived from miRNA-Engineered Mesenchymal Stromal Cells. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	26
64	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
63	Extracellular vesicles in leukemia. *Leukemia Research*, **2018**, 64, 52-60	2.7	25
62	Mesenchymal Stem Cell Derived Extracellular Vesicles Ameliorate Kidney Injury in Aristolochic Acid Nephropathy. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 188	5.7	24
61	Stem cells and extracellular vesicles: biological regulators of physiology and disease. *American Journal of Physiology - Cell Physiology*, **2019**, 317, C155-C166	5.4	23
60	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
59	Calpain inhibition decreases myocardial apoptosis in a swine model of chronic myocardial ischemia. *Surgery*, **2015**, 158, 445-52	3.6	20
58	Concise reviews: A stem cell apostasy: a tale of four H words. *Stem Cells*, **2015**, 33, 15-20	5.8	17
57	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
56	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
55	Marrow cell infusion attenuates vascular remodeling in a murine model of monocrotaline-induced pulmonary hypertension. *Stem Cells and Development*, **2009**, 18, 773-82	4.4	15
54	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
53	Perspectives on the Potential Therapeutic Uses of Vesicles **2013**, 1,		11
52	Bone marrow-specific loss of induces myeloproliferative neoplasm with features resembling human myelofibrosis. *Blood*, **2018**, 132, 2053-2066	2.2	11
51	Extracellular Vesicle-Mediated Reversal of Paclitaxel Resistance in Prostate Cancer. *Critical Reviews in Oncogenesis*, **2015**, 20, 407-17	1.3	10

50	Inflammation-related gene expression profiles of salivary extracellular vesicles in patients with head trauma. *Neural Regeneration Research*, **2020**, 15, 676-681	4.5	10
49	Clonal haematopoiesis of indeterminate potential among cancer survivors exposed to myelotoxic chemotherapy. *British Journal of Haematology*, **2019**, 186, e31-e35	4.5	9
48	Mechanical stretch regulates the expression of specific miRNA in extracellular vesicles released from lung epithelial cells. *Journal of Cellular Physiology*, **2020**, 235, 8210-8223	7	8
47	Prevalence and Effect on Survival of Pulmonary Hypertension in Myelofibrosis. *Clinical Lymphoma, Myeloma and Leukemia*, **2019**, 19, 593-597	2	7
46	Problems in the promised land: status of adult marrow stem cell biology. *Experimental Hematology*, **2009**, 37, 775-83	3.1	6
45	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
44	Daily rhythms influence the ability of lung-derived extracellular vesicles to modulate bone marrow cell phenotype. *PLoS ONE*, **2018**, 13, e0207444	3.7	6
43	Marrow Hypocellularity, But Not Residual Blast Count or Receipt of Reinduction Chemotherapy, Is Prognostic on Day-14 Assessment in Acute Myeloid Leukemia Patients With Morphologic Residual Disease. *Clinical Lymphoma, Myeloma and Leukemia*, **2018**, 18, 204-209	2	5
42	Low dose 100 cGy irradiation as a potential therapy for pulmonary hypertension. *Journal of Cellular Physiology*, **2019**, 234, 21193-21198	7	4
41	A New Stem Cell Biology: Transplantation and Baseline, Cell Cycle and Exosomes. *Advances in Experimental Medicine and Biology*, **2018**, 1056, 3-9	3.6	4
40	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
39	Sexual dimorphism in aging hematopoiesis: an earlier decline of hematopoietic stem and progenitor cells in male than female mice. *Aging*, **2020**, 12, 25939-25955	5.6	3
38	Heuristic bias in stem cell biology. *Stem Cell Research and Therapy*, **2019**, 10, 241	8.3	2
37	International Society for Extracellular Vesicles: Second Annual Meeting, 17-20 April 2013, Boston, MA (ISEV 2013). *Journal of Extracellular Vesicles*, **2013**, 2, 23070	16.4	2
36	Mesenchymal Stem Cell-Derived Vesicles Reverse Hematopoietic Radiation Damage. *Blood*, **2013**, 122, 2459-2459	2.2	2
35	Polarization of neutrophil granules - A characteristic of inflammatory states. *Blood Cells, Molecules, and Diseases*, **2018**, 69, 74	2.1	1
34	An interesting fishing expedition. *Cancer Biology and Therapy*, **2009**, 8, 338-9	4.6	1
33	Levels of Osteopontin (SPP1), Osteonectin (SPARC) and Biglycan (BGN) in Acute Myeloid Leukemia Bone Marrow Biopsies Post-Induction Therapy Define the Status of Osteogenic Niche and Show Inverse Correlation with Therapeutic Response. *Blood*, **2020**, 136, 29-30	2.2	1

32	Reversal of Radiation Damage to Marrow Stem Cells By Mesenchymal Stem Cell Derived Vesicles. *Blood*, **2014**, 124, 5118-5118	2.2	1
31	Heterogeneity of colorectal cancer (CRC) in reference to KRAS proto-oncogene utilizing wave technology.. *Journal of Clinical Oncology*, **2013**, 31, e14637-e14637	2.2	1
30	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
29	Low microchimeric cell density in tumors suggests alternative antineoplastic mechanism. *Medical Oncology*, **2017**, 34, 65	3.7	0
28	Differentiation Epitopes Define Hematopoietic Stem Cells and Change with Cell Cycle Passage.. *Stem Cell Reviews and Reports*, **2022**, 1	7.3	0
27	Cellular Immunotherapy: Using Alloreactivity to Induce Anti-Leukemic Responses without Prolonged Persistence of Donor Cells. *Medical Sciences (Basel, Switzerland)*, **2013**, 1, 37-48	3.3	
26	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	
25	Mesenchymal Stem Cell Derived Extracellular Vesicles Reverse Radiation-Induced Cytokine Storm. *Blood*, **2021**, 138, 1100-1100	2.2	
24	Differentiation Hotspots on a Cell Cycle Related Continuum.. *Blood*, **2007**, 110, 3703-3703	2.2	
23	HLA-Haploidentical Cellular Immunotherapy.. *Blood*, **2007**, 110, 3075-3075	2.2	
22	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	
21	Extracellular vesicle-mediated reversal of taxane resistance and the malignant phenotype in prostate cancer.. *Journal of Clinical Oncology*, **2014**, 32, e16028-e16028	2.2	
20	Intercellular Communication Between Extracellular Vesicles and Murine Marrow Cells Is Influenced By Circadian Rhythm. *Blood*, **2014**, 124, 2924-2924	2.2	
19	Defining Engraftment Potential within the Lineage Positive Population in Murine Marrow. *Blood*, **2014**, 124, 4303-4303	2.2	
18	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	
17	Biological Effects of Different Extracellular Vesicles Population on Reversal of Marrow Cells Radiation Damage. *Blood*, **2015**, 126, 3598-3598	2.2	
16	A Unique Neuropsychiatric Syndrome in Variant Hereditary Coproporphyria: Case Report and Review of the Literature. *Journal of Hematology (Brossard, Quebec)*, **2017**, 6, 21-24	0.8	
15	Differentiation Profiling of Marrow Stem Cells: A Megakaryocytic Hotspot and the Continuum Model of Hematopoiesis. *Blood*, **2008**, 112, 4776-4776	2.2	

14	Non-Engraftment Haploidentical Cellular Immunotherapy for Refractory Malignancies: Tumor Responses without Chimerism. *Blood*, **2008**, 112, 831-831	2.2
13	Stem cells and the lung. *FASEB Journal*, **2009**, 23, 186.2	0.9
12	Successful Treatment of Acquired Amegakaryocytic Thrombocytopenia with Rituximab: A Case Report.. *Blood*, **2009**, 114, 4223-4223	2.2
11	Microvesicle Mediated Genetic Phenotype Modulation.. *Blood*, **2009**, 114, 4509-4509	2.2
10	Neutrophil Platelet Satellitism Revisited: Sidedness and Domain of Neutrophil Associated Platelet Aggregates.. *Blood*, **2009**, 114, 4469-4469	2.2
9	Bone Marrow Transplant Induces Pulmonary Vascular Remodeling in Mice.. *Blood*, **2009**, 114, 4480-4480	2.2
8	Short-Term Hematopoietic Stem Cells (ST-HSC) Have Full Long-Term Capacity with Sustained but Reduced Potential Compared with LT-HSC.. *Blood*, **2009**, 114, 2550-2550	2.2
7	Adhesion Protein Profile of Lung-Derived Microvesicles. *Blood*, **2010**, 116, 4803-4803	2.2
6	Lung-Derived Microvesicles Induce Stable Long-Term Epigenetic Changes In Marrow Cells. *Blood*, **2010**, 116, 4799-4799	2.2
5	A General Theory of Marrow Stem Cell Fate Determination. *Blood*, **2010**, 116, 4794-4794	2.2
4	Cell Fate Modulation by Microvesicles: Transcriptionally-Mediated and Long Term in Nature. *Blood*, **2011**, 118, 4801-4801	2.2
3	Transfer of Monocrotaline-Induced Pulmonary Hypertension to Healthy Mice Via Microparticles. *Blood*, **2012**, 120, 5190-5190	2.2
2	Spontaneous Remission of Chronic Lymphocytic Leukemia, Possibly More Rare Then Previously Reported?. *Blood*, **2012**, 120, 4589-4589	2.2
1	Cycling Marrow Stem Cells Are Lost with Purification.. *Blood*, **2012**, 120, 2308-2308	2.2