

Joshua M Hare

List of Publications by Year in Descending Order

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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.

158
papers

12,964
citations

58
h-index

112
g-index

196
ext. papers

15,356
ext. citations

9.1
avg, IF

6.38
L-index

#	Paper	IF	Citations
158	Comparative Effects of Bone Marrow-derived Versus Umbilical Cord Tissue Mesenchymal Stem Cells in an Experimental Model of Bronchopulmonary Dysplasia.. <i>Stem Cells Translational Medicine</i> , 2022 , 11, 189-199	6.9	0
157	Secondary Polycythemia in Men Receiving Testosterone Therapy Increases Risk of Major Adverse Cardiovascular Events and Venous Thromboembolism in the First Year of Therapy.. <i>Journal of Urology</i> , 2022 , 101097JU00000000000002437	2.5	2
156	Bilateral pneumonectomy and lung transplant for COVID-19 induced respiratory failure.. <i>JTCVS Techniques</i> , 2022 ,	0.2	1
155	Leptin secreted from testicular microenvironment modulates hedgehog signaling to augment the endogenous function of Leydig cells.. <i>Cell Death and Disease</i> , 2022 , 13, 208	9.8	0
154	Free-breathing gradient recalled echo-based CMR in a swine heart failure model.. <i>Scientific Reports</i> , 2022 , 12, 3698	4.9	
153	S-Nitrosoglutathione Reductase Deficiency Causes Aberrant Placental S-Nitrosylation and Preeclampsia.. <i>Journal of the American Heart Association</i> , 2022 , e024008	6	0
152	Autologous Cardiac Stem Cell Injection in Patients with Hypoplastic Left Heart Syndrome (CHILD Study).. <i>Pediatric Cardiology</i> , 2022 , 1	2.1	0
151	Reparative cell therapy for the heart: critical internal appraisal of the field in response to recent controversies. <i>ESC Heart Failure</i> , 2021 , 8, 2306-2309	3.7	2
150	Demographic representation in clinical trials for cell-based therapy. <i>Contemporary Clinical Trials Communications</i> , 2021 , 21, 100702	1.8	1
149	A Phase II study of autologous mesenchymal stromal cells and c-kit positive cardiac cells, alone or in combination, in patients with ischaemic heart failure: the CCTRN CONCERT-HF trial. <i>European Journal of Heart Failure</i> , 2021 , 23, 661-674	12.3	26
148	The Interdisciplinary Stem Cell Institute's Use of Food and Drug Administration-Expanded Access Guidelines to Provide Experimental Cell Therapy to Patients With Rare Serious Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 675738	5.7	
147	Intravenous administration of mesenchymal stem cells reduces Tau phosphorylation and inflammation in the 3xTg-AD mouse model of Alzheimer's disease. <i>Experimental Neurology</i> , 2021 , 341, 113706	5.7	7
146	The National Heart, Lung, and Blood Institute-funded Production Assistance for Cellular Therapies (PACT) program: Eighteen years of cell therapy. <i>Clinical and Translational Science</i> , 2021 , 14, 2099-2110	4.9	1
145	Improvement of cardiac and systemic function in old mice by agonist of growth hormone-releasing hormone. <i>Journal of Cellular Physiology</i> , 2021 ,	7	1
144	Myocarditis and inflammatory cardiomyopathy: current evidence and future directions. <i>Nature Reviews Cardiology</i> , 2021 , 18, 169-193	14.8	194
143	The Presence of Cholesteryl Ester Transfer Protein (CETP) in Endothelial Cells Generates Vascular Oxidative Stress and Endothelial Dysfunction. <i>Biomolecules</i> , 2021 , 11,	5.9	1
142	Growth hormone-releasing hormone agonists ameliorate chronic kidney disease-induced heart failure with preserved ejection fraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2

141	Current Advances of Nitric Oxide in Cancer and Anticancer Therapeutics. <i>Vaccines</i> , 2021 , 9,	5.3	19
140	Recommendations for Nomenclature and Definition Of Cell Products Intended for Human Cardiovascular Use. <i>Cardiovascular Research</i> , 2021 ,	9.9	2
139	COVID-19 Endothelial Dysfunction Can Cause Erectile Dysfunction: Histopathological, Immunohistochemical, and Ultrastructural Study of the Human Penis. <i>World Journal of Men's Health</i> , 2021 , 39, 466-469	6.8	27
138	Kaposi's sarcoma herpesvirus activates the hypoxia response to usurp HIF2 α -dependent translation initiation for replication and oncogenesis.. <i>Cell Reports</i> , 2021 , 37, 110144	10.6	2
137	Rejuvenation of Senescent Endothelial Progenitor Cells by Extracellular Vesicles Derived From Mesenchymal Stromal Cells. <i>JACC Basic To Translational Science</i> , 2020 , 5, 1127-1141	8.7	7
136	Clinical evaluation of allogeneic mesenchymal stem cells for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e046634	1.2	0
135	Cell-based therapy to reduce mortality from COVID-19: Systematic review and meta-analysis of human studies on acute respiratory distress syndrome. <i>Stem Cells Translational Medicine</i> , 2020 , 9, 1007-1022	6.9	47
134	COVID19: A Systematic Approach to Early Identification and Healthcare Worker Protection. <i>Frontiers in Public Health</i> , 2020 , 8, 205	6	14
133	The Effect of Transendocardial Stem Cell Injection on Erectile Function in Men With Cardiomyopathy: Results From the TRIDENT, POSEIDON, and TAC-HFT Trials. <i>Journal of Sexual Medicine</i> , 2020 , 17, 695-701	1.1	5
132	The impact of patient sex on the response to intramyocardial mesenchymal stem cell administration in patients with non-ischaemic dilated cardiomyopathy. <i>Cardiovascular Research</i> , 2020 , 116, 2131-2141	9.9	6
131	Clinical-based Cell Therapies for Heart Disease-Current and Future State. <i>Rambam Maimonides Medical Journal</i> , 2020 , 11,	1.8	10
130	Allogeneic Mesenchymal Cell Therapy in Anthracycline-Induced Cardiomyopathy Heart Failure Patients: The CCTRN SENECA Trial. <i>JACC: CardioOncology</i> , 2020 , 2, 581-595	3.8	12
129	A novel cardiomyogenic role for Isl1 neural crest cells in the inflow tract. <i>Science Advances</i> , 2020 , 6,	14.3	6
128	Mesenchymal Stem Cell Secretion of SDF-1 α Modulates Endothelial Function in Dilated Cardiomyopathy. <i>Frontiers in Physiology</i> , 2019 , 10, 1182	4.6	13
127	Attenuation of frailty in older adults with mesenchymal stem cells. <i>Mechanisms of Ageing and Development</i> , 2019 , 181, 47-58	5.6	7
126	Cell-Based Therapy Restores Olfactory Function in an Inducible Model of Hyposmia. <i>Stem Cell Reports</i> , 2019 , 12, 1354-1365	8	15
125	Age Induced Nitroso-Redox Imbalance Leads to Subclinical Hypogonadism in Male Mice. <i>Frontiers in Endocrinology</i> , 2019 , 10, 190	5.7	3
124	Intravenous Stem Cell Therapy for High-Grade Aneurysmal Subarachnoid Hemorrhage: Case Report and Literature Review. <i>World Neurosurgery</i> , 2019 , 128, 573-575	2.1	12

123	Clinical and Neurophysiological Changes after Targeted Intrathecal Injections of Bone Marrow Stem Cells in a C3 Tetraplegic Subject. <i>Journal of Neurotrauma</i> , 2019 , 36, 500-516	5.4	13
122	Progenitor/Stem Cell Delivery by Suprarenal Aorta Route in Acute Kidney Injury. <i>Cell Transplantation</i> , 2019 , 28, 1390-1403	4	5
121	Actions and Potential Therapeutic Applications of Growth Hormone-Releasing Hormone Agonists. <i>Endocrinology</i> , 2019 , 160, 1600-1612	4.8	27
120	Allogeneic mesenchymal stem cell therapy: A regenerative medicine approach to geroscience. <i>Aging Medicine (Milton (N S W))</i> , 2019 , 2, 142-146	3.5	8
119	A meta-analysis of arrhythmia endpoints in randomized controlled trials of transendocardial stem cell injections for chronic ischemic heart disease. <i>Journal of Cardiovascular Electrophysiology</i> , 2019 , 30, 2492-2500	2.7	2
118	Sex differences by design and outcome in the Safety of Urate Elevation in PD (SURE-PD) trial. <i>Neurology</i> , 2019 , 93, e1328-e1338	6.5	16
117	Rethinking Endothelial Dysfunction as a Crucial Target in Fighting Heart Failure. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2019 , 3, 1-13	3.1	37
116	Tumor Suppressors RB1 and CDKN2a Cooperatively Regulate Cell-Cycle Progression and Differentiation During Cardiomyocyte Development and Repair. <i>Circulation Research</i> , 2019 , 124, 1184-1197	15.7	17
115	Genetic determinants of responsiveness to mesenchymal stem cell injections in non-ischemic dilated cardiomyopathy. <i>EBioMedicine</i> , 2019 , 48, 377-385	8.8	15
114	PDGFRA defines the mesenchymal stem cell Kaposi's sarcoma progenitors by enabling KSHV oncogenesis in an angiogenic environment. <i>PLoS Pathogens</i> , 2019 , 15, e1008221	7.6	12
113	Mesenchymal stem cell perspective: cell biology to clinical progress. <i>Npj Regenerative Medicine</i> , 2019 , 4, 22	15.8	532
112	Subcutaneous Leydig Stem Cell Autograft: A Promising Strategy to Increase Serum Testosterone. <i>Stem Cells Translational Medicine</i> , 2019 , 8, 58-65	6.9	19
111	Kidney-Derived c-Kit Cells Possess Regenerative Potential. <i>Stem Cells Translational Medicine</i> , 2018 , 7, 317-324	6.9	9
110	S-Nitrosoglutathione Reductase (GSNOR) Deficiency Results in Secondary Hypogonadism. <i>Journal of Sexual Medicine</i> , 2018 , 15, 654-661	1.1	5
109	Exosomal microRNA-21-5p Mediates Mesenchymal Stem Cell Paracrine Effects on Human Cardiac Tissue Contractility. <i>Circulation Research</i> , 2018 , 122, 933-944	15.7	86
108	Cigarette Smoke Initiates Oxidative Stress-Induced Cellular Phenotypic Modulation Leading to Cerebral Aneurysm Pathogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 610-621	9.4	38
107	Rationale and Design of the CONCERT-HF Trial (Combination of Mesenchymal and c-kit Cardiac Stem Cells As Regenerative Therapy for Heart Failure). <i>Circulation Research</i> , 2018 , 122, 1703-1715	15.7	72
106	Preclinical Studies of Stem Cell Therapy for Heart Disease. <i>Circulation Research</i> , 2018 , 122, 1006-1020	15.7	72

105	Comparison of Mesenchymal Stem Cell Efficacy in Ischemic Versus Nonischemic Dilated Cardiomyopathy. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	17
104	Clinical Studies of Cell Therapy in Cardiovascular Medicine: Recent Developments and Future Directions. <i>Circulation Research</i> , 2018 , 123, 266-287	15.7	81
103	Rationale and Design of the SENECA (StEm cell iNjEcTion in cAnCer survivors) Trial. <i>American Heart Journal</i> , 2018 , 201, 54-62	4.9	15
102	Regenerative Medicine in the State of Florida: Letter Outlining the Florida Organization for Regenerative Medicine. <i>Stem Cells Translational Medicine</i> , 2018 , 7, 511-512	6.9	
101	Kidney-derived c-kit progenitor/stem cells contribute to podocyte recovery in a model of acute proteinuria. <i>Scientific Reports</i> , 2018 , 8, 14723	4.9	11
100	Mesenchymal Stem Cell Therapy for Aging Frailty. <i>Frontiers in Nutrition</i> , 2018 , 5, 108	6.2	26
99	Alterations of tumor microenvironment by nitric oxide impedes castration-resistant prostate cancer growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 11298-11303	11.5	25
98	Mesenchymal Stem Cell-Based Therapy for Cardiovascular Disease: Progress and Challenges. <i>Molecular Therapy</i> , 2018 , 26, 1610-1623	11.7	139
97	The quest for a successful cell-based therapeutic approach for heart failure. <i>European Heart Journal</i> , 2017 , 38, 661-664	9.5	7
96	Evaluation of Cell Therapy on Exercise Performance and Limb Perfusion in Peripheral Artery Disease: The CCTRN PACE Trial (Patients With Intermittent Claudication Injected With ALDH Bright Cells). <i>Circulation</i> , 2017 , 135, 1417-1428	16.7	29
95	Effects of Transendocardial Stem Cell Injection on Ventricular Proarrhythmia in Patients with Ischemic Cardiomyopathy: Results from the POSEIDON and TAC-HFT Trials. <i>Stem Cells Translational Medicine</i> , 2017 , 6, 1366-1372	6.9	13
94	Allogeneic Human Mesenchymal Stem Cell Infusions for Aging Frailty. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 1505-1512	6.4	42
93	Allogeneic Human Mesenchymal Stem Cells in Patients With Idiopathic Pulmonary Fibrosis via Intravenous Delivery (AETHER): A Phase I Safety Clinical Trial. <i>Chest</i> , 2017 , 151, 971-981	5.3	129
92	Route of Delivery Modulates the Efficacy of Mesenchymal Stem Cell Therapy for Myocardial Infarction: A Meta-Analysis of Preclinical Studies and Clinical Trials. <i>Circulation Research</i> , 2017 , 120, 1139-1150	15.7	106
91	Growth hormone-releasing hormone attenuates cardiac hypertrophy and improves heart function in pressure overload-induced heart failure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 12033-12038	11.5	29
90	Allogeneic Mesenchymal Stem Cells Ameliorate Aging Frailty: A Phase II Randomized, Double-Blind, Placebo-Controlled Clinical Trial. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 1513-1522	6.4	67
89	Hypoxic Stress Decreases c-Myc Protein Stability in Cardiac Progenitor Cells Inducing Quiescence and Compromising Their Proliferative and Vasculogenic Potential. <i>Scientific Reports</i> , 2017 , 7, 9702	4.9	4
88	Dose Comparison Study of Allogeneic Mesenchymal Stem Cells in Patients With Ischemic Cardiomyopathy (The TRIDENT Study). <i>Circulation Research</i> , 2017 , 121, 1279-1290	15.7	105

87	Overcoming the Roadblocks to Cardiac Cell Therapy Using Tissue Engineering. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 766-775	15.1	67
86	A Combination of Allogeneic Stem Cells Promotes Cardiac Regeneration. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 2504-2515	15.1	58
85	Experimental and Computational Insight Into Human Mesenchymal Stem Cell Paracrine Signaling and Heterocellular Coupling Effects on Cardiac Contractility and Arrhythmogenicity. <i>Circulation Research</i> , 2017 , 121, 411-423	15.7	51
84	Evidence for a retinal progenitor cell in the postnatal and adult mouse. <i>Stem Cell Research</i> , 2017 , 23, 20-32	1.6	5
83	Study design and rationale for ELPIS: A phase I/IIb randomized pilot study of allogeneic human mesenchymal stem cell injection in patients with hypoplastic left heart syndrome. <i>American Heart Journal</i> , 2017 , 192, 48-56	4.9	26
82	GSNOR Deficiency Enhances In Situ Skeletal Muscle Strength, Fatigue Resistance, and RyR1 S-Nitrosylation Without Impacting Mitochondrial Content and Activity. <i>Antioxidants and Redox Signaling</i> , 2017 , 26, 165-181	8.4	16
81	Randomized Comparison of Allogeneic Versus Autologous Mesenchymal Stem Cells for Nonischemic Dilated Cardiomyopathy: POSEIDON-DCM Trial. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 526-537	15.1	218
80	Stromal derived factor-1 mediates the lung regenerative effects of mesenchymal stem cells in a rodent model of bronchopulmonary dysplasia. <i>Respiratory Research</i> , 2017 , 18, 137	7.3	36
79	Pim1 Kinase Overexpression Enhances ckit Cardiac Stem Cell Cardiac Repair Following Myocardial Infarction in Swine. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 2454-2464	15.1	53
78	Contribution of Polycomb group proteins to olfactory basal stem cell self-renewal in a novel c-KIT+ culture model and in vivo. <i>Development (Cambridge)</i> , 2016 , 143, 4394-4404	6.6	19
77	Rebuilding the Damaged Heart: Mesenchymal Stem Cells, Cell-Based Therapy, and Engineered Heart Tissue. <i>Physiological Reviews</i> , 2016 , 96, 1127-68	47.9	190
76	Differentiation potential of individual olfactory c-Kit+ progenitors determined via multicolor lineage tracing. <i>Developmental Neurobiology</i> , 2016 , 76, 241-51	3.2	17
75	Murine Models Demonstrate Distinct Vasculogenic and Cardiomyogenic cKit+ Lineages in the Heart. <i>Circulation Research</i> , 2016 , 118, 382-7	15.7	19
74	Concise Review: Review and Perspective of Cell Dosage and Routes of Administration From Preclinical and Clinical Studies of Stem Cell Therapy for Heart Disease. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 186-91	6.9	83
73	Antagonism of stem cell factor/c-kit signaling attenuates neonatal chronic hypoxia-induced pulmonary vascular remodeling. <i>Pediatric Research</i> , 2016 , 79, 637-46	3.2	9
72	Rationale and design of the allogeneic human mesenchymal stem cells (hMSC) in patients with aging frailty via intravenous delivery (CRATUS) study: A phase I/II, randomized, blinded and placebo controlled trial to evaluate the safety and potential efficacy of allogeneic human mesenchymal stem cell infusion in patients with aging frailty. <i>Oncotarget</i> , 2016 , 7, 11899-912	3.3	29
71	Is the regulation of SIRT1 by miRNA-34a the key to mesenchymal stem cell survival?. <i>Annals of Translational Medicine</i> , 2016 , 4, 243	3.2	2
70	Physiological and hypoxic oxygen concentration differentially regulates human c-Kit+ cardiac stem cell proliferation and migration. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 311, H1509-H1519	5.2	14

69	Mesenchymal Stem Cells in Cardiology. <i>Methods in Molecular Biology</i> , 2016 , 1416, 55-87	1.4	39
68	Stimulatory Effects of Mesenchymal Stem Cells on cKit+ Cardiac Stem Cells Are Mediated by SDF1/CXCR4 and SCF/cKit Signaling Pathways. <i>Circulation Research</i> , 2016 , 119, 921-30	15.7	66
67	Mesenchymal Stem Cells as a Biological Drug for Heart Disease: Where Are We With Cardiac Cell-Based Therapy?. <i>Circulation Research</i> , 2015 , 117, 229-33	15.7	49
66	Constitutive phosphorylation of cardiac myosin regulatory light chain prevents development of hypertrophic cardiomyopathy in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E4138-46	11.5	43
65	Allogeneic Mesenchymal Stem Cells Restore Endothelial Function in Heart Failure by Stimulating Endothelial Progenitor Cells. <i>EBioMedicine</i> , 2015 , 2, 467-75	8.8	78
64	Regulation of oxygen delivery to the body via hypoxic vasodilation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 6254-5	11.5	40
63	Sympathetic Reinnervation Is Required for Mammalian Cardiac Regeneration. <i>Circulation Research</i> , 2015 , 117, 990-4	15.7	65
62	S-Nitrosoglutathione Reductase Deficiency Enhances the Proliferative Expansion of Adult Heart Progenitors and Myocytes Post Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2015 , 4,	6	32
61	cKit+ cardiac progenitors of neural crest origin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 13051-6	11.5	86
60	Dual Labeling Biotin Switch Assay to Reduce Bias Derived From Different Cysteine Subpopulations: A Method to Maximize S-Nitrosylation Detection. <i>Circulation Research</i> , 2015 , 117, 846-57	15.7	23
59	Interaction between neuronal nitric oxide synthase signaling and temperature influences sarcoplasmic reticulum calcium leak: role of nitroso-redox balance. <i>Circulation Research</i> , 2015 , 116, 46-55	15.7	11
58	Adult c-Kit(+) progenitor cells are necessary for maintenance and regeneration of olfactory neurons. <i>Journal of Comparative Neurology</i> , 2015 , 523, Spc1-Spc1	3.4	
57	Growth hormone-releasing hormone agonists reduce myocardial infarct scar in swine with subacute ischemic cardiomyopathy. <i>Journal of the American Heart Association</i> , 2015 , 4,	6	17
56	Synergistic Effects of Combined Cell Therapy for Chronic Ischemic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 1990-1999	15.1	109
55	Perspectives on the Evolution of Stem Cell Therapy for Heart Failure. <i>EBioMedicine</i> , 2015 , 2, 1838-9	8.8	3
54	Effect of aging on human mesenchymal stem cell therapy in ischemic cardiomyopathy patients. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 125-32	15.1	68
53	New therapeutic approach to heart failure due to myocardial infarction based on targeting growth hormone-releasing hormone receptor. <i>Oncotarget</i> , 2015 , 6, 9728-39	3.3	15
52	Transendocardial mesenchymal stem cells and mononuclear bone marrow cells for ischemic cardiomyopathy: the TAC-HFT randomized trial. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 62-73	27.4	381

51	Autologous mesenchymal stem cells produce concordant improvements in regional function, tissue perfusion, and fibrotic burden when administered to patients undergoing coronary artery bypass grafting: The Prospective Randomized Study of Mesenchymal Stem Cell Therapy in Patients Undergoing Cardiac Surgery (PROMETHEUS) trial. <i>Circulation Research</i> , 2014 , 114, 1302-10	15.7	242
50	Association between serum uric acid and atrial fibrillation: a systematic review and meta-analysis. <i>Heart Rhythm</i> , 2014 , 11, 1102-8	6.7	75
49	Mesenchymal stem cell therapies in the treatment of musculoskeletal diseases. <i>PM and R</i> , 2014 , 6, 61-9	2.2	46
48	Efficacy and dose-dependent safety of intra-arterial delivery of mesenchymal stem cells in a rodent stroke model. <i>PLoS ONE</i> , 2014 , 9, e93735	3.7	62
47	NADPH oxidase-2 inhibition restores contractility and intracellular calcium handling and reduces arrhythmogenicity in dystrophic cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H710-21	5.2	28
46	Inosine to increase serum and cerebrospinal fluid urate in Parkinson disease: a randomized clinical trial. <i>JAMA Neurology</i> , 2014 , 71, 141-50	17.2	164
45	Emerging Applications of Stem Cell and Regenerative Medicine to Sports Injuries. <i>Orthopaedic Journal of Sports Medicine</i> , 2014 , 2, 2325967113519935	3.5	7
44	Agonists of growth hormone-releasing hormone stimulate self-renewal of cardiac stem cells and promote their survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 17260-5	11.5	27
43	Long term ablation of protein kinase A (PKA)-mediated cardiac troponin I phosphorylation leads to excitation-contraction uncoupling and diastolic dysfunction in a knock-in mouse model of hypertrophic cardiomyopathy. <i>Journal of Biological Chemistry</i> , 2014 , 289, 23097-23111	5.4	22
42	Synthesis of new potent agonistic analogs of growth hormone-releasing hormone (GHRH) and evaluation of their endocrine and cardiac activities. <i>Peptides</i> , 2014 , 52, 104-12	3.8	44
41	Phase II clinical research design in cardiology: learning the right lessons too well: observations and recommendations from the Cardiovascular Cell Therapy Research Network (CCTRN). <i>Circulation</i> , 2013 , 127, 1630-5	16.7	38
40	S-nitrosoglutathione reductase (GSNOR) enhances vasculogenesis by mesenchymal stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 2834-9	11.5	76
39	Enhanced effect of combining human cardiac stem cells and bone marrow mesenchymal stem cells to reduce infarct size and to restore cardiac function after myocardial infarction. <i>Circulation</i> , 2013 , 127, 213-23	16.7	331
38	C-kit(+) cells isolated from developing kidneys are a novel population of stem cells with regenerative potential. <i>Stem Cells</i> , 2013 , 31, 1644-56	5.8	31
37	Stem cell factor improves lung recovery in rats following neonatal hyperoxia-induced lung injury. <i>Pediatric Research</i> , 2013 , 74, 682-8	3.2	16
36	Hydralazine and organic nitrates restore impaired excitation-contraction coupling by reducing calcium leak associated with nitroso-redox imbalance. <i>Journal of Biological Chemistry</i> , 2013 , 288, 6522-33	5.4	29
35	Myocardial infarction and intramyocardial injection models in swine. <i>Nature Protocols</i> , 2012 , 7, 1479-96	18.8	78
34	Comparison of allogeneic vs autologous bone marrow-derived mesenchymal stem cells delivered by transendocardial injection in patients with ischemic cardiomyopathy: the POSEIDON randomized trial. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 308, 2369-79	27.4	831

33	Activation of growth hormone releasing hormone (GHRH) receptor stimulates cardiac reverse remodeling after myocardial infarction (MI). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 559-63	11.5	48
32	Dynamic denitrosylation via S-nitrosoglutathione reductase regulates cardiovascular function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 4314-9	11.5	98
31	Intramyocardial stem cell injection in patients with ischemic cardiomyopathy: functional recovery and reverse remodeling. <i>Circulation Research</i> , 2011 , 108, 792-6	15.7	242
30	Impaired S-nitrosylation of the ryanodine receptor caused by xanthine oxidase activity contributes to calcium leak in heart failure. <i>Journal of Biological Chemistry</i> , 2010 , 285, 28938-45	5.4	109
29	Cardioprotective effects of growth hormone-releasing hormone agonist after myocardial infarction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 2604-9	11.5	78
28	Mesenchymal stem cell therapy for cardiac repair. <i>Methods in Molecular Biology</i> , 2010 , 660, 65-84	1.4	73
27	Bone marrow mesenchymal stem cells stimulate cardiac stem cell proliferation and differentiation. <i>Circulation Research</i> , 2010 , 107, 913-22	15.7	573
26	Inhibition of the SDF-1/CXCR4 axis attenuates neonatal hypoxia-induced pulmonary hypertension. <i>Circulation Research</i> , 2009 , 104, 1293-301	15.7	74
25	Allogeneic mesenchymal stem cells restore cardiac function in chronic ischemic cardiomyopathy via trilineage differentiating capacity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 14022-7	11.5	472
24	Autologous mesenchymal stem cells produce reverse remodelling in chronic ischaemic cardiomyopathy. <i>European Heart Journal</i> , 2009 , 30, 2722-32	9.5	200
23	A randomized, double-blind, placebo-controlled, dose-escalation study of intravenous adult human mesenchymal stem cells (prochymal) after acute myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2009 , 54, 2277-86	15.1	1038
22	S-Nitrosylation of cardiac ion channels. <i>Journal of Cardiovascular Pharmacology</i> , 2009 , 54, 188-95	3.1	101
21	Translational development of mesenchymal stem cell therapy for cardiovascular diseases. <i>Texas Heart Institute Journal</i> , 2009 , 36, 145-7	0.8	17
20	Early improvement in cardiac tissue perfusion due to mesenchymal stem cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 294, H2002-11	5.2	129
19	Nitric oxide and cardiobiology-methods for intact hearts and isolated myocytes. <i>Methods in Enzymology</i> , 2008 , 441, 369-92	1.7	7
18	Cardiac regeneration and stem cell therapy. <i>Current Opinion in Organ Transplantation</i> , 2008 , 13, 536-42	2.5	54
17	Nitroso-redox interactions in the cardiovascular system. <i>Circulation</i> , 2006 , 114, 1531-44	16.7	136
16	NO/redox disequilibrium in the failing heart and cardiovascular system. <i>Journal of Clinical Investigation</i> , 2005 , 115, 509-17	15.9	262

15	Nitric oxide regulation of myocardial contractility and calcium cycling: independent impact of neuronal and endothelial nitric oxide synthases. <i>Circulation Research</i> , 2003 , 92, 1322-9	15.7	168
14	Nitric oxide and excitation-contraction coupling. <i>Journal of Molecular and Cellular Cardiology</i> , 2003 , 35, 719-29	5.8	150
13	Nitric oxide regulates the heart by spatial confinement of nitric oxide synthase isoforms. <i>Nature</i> , 2002 , 416, 337-9	50.4	679
12	Exhaled nitric oxide: a marker of pulmonary hemodynamics in heart failure. <i>Journal of the American College of Cardiology</i> , 2002 , 40, 1114-9	15.1	21
11	Cardiac phosphodiesterase 5 (cGMP-specific) modulates beta-adrenergic signaling in vivo and is down-regulated in heart failure. <i>FASEB Journal</i> , 2001 , 15, 1718-26	0.9	204
10	Oxidative Stress and Apoptosis in Heart Failure Progression. <i>Circulation Research</i> , 2001 , 89, 198-200	15.7	96
9	cGMP-independent inotropic effects of nitric oxide and peroxynitrite donors: potential role for nitrosylation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 279, H1982-8	5.2	108
8	Left ventricular or biventricular pacing improves cardiac function at diminished energy cost in patients with dilated cardiomyopathy and left bundle-branch block. <i>Circulation</i> , 2000 , 102, 3053-9	16.7	623
7	Contribution of caveolin protein abundance to augmented nitric oxide signaling in conscious dogs with pacing-induced heart failure. <i>Circulation Research</i> , 2000 , 86, 1085-92	15.7	106
6	Improved mechanoenergetics and cardiac rest and reserve function of in vivo failing heart by calcium sensitizer EMD-57033. <i>Circulation</i> , 2000 , 101, 1040-8	16.7	62
5	beta(3)-adrenoceptor deficiency blocks nitric oxide-dependent inhibition of myocardial contractility. <i>Journal of Clinical Investigation</i> , 2000 , 106, 697-703	15.9	94
4	Reduced left ventricular dimension and normalized atrial natriuretic hormone level after repair of aortic coarctation in an adult. <i>Clinical Cardiology</i> , 1999 , 22, 233-5	3.3	4
3	In vivo murine left ventricular pressure-volume relations by miniaturized conductance micromanometry. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998 , 274, H1416-22	5.2	148
2	Ischemic cardiomyopathy: endomyocardial biopsy and ventriculographic evaluation of patients with congestive heart failure, dilated cardiomyopathy and coronary artery disease. <i>Journal of the American College of Cardiology</i> , 1992 , 20, 1318-25	15.1	59
1	Synthetic Growth Hormone-Releasing Hormone Agonist as Novel Treatment for Heart Failure with Preserved Ejection Fraction		1