Joshua M Hare

List of Publications by Citations

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	A randomized, double-blind, placebo-controlled, dose-escalation study of intravenous adult human mesenchymal stem cells (prochymal) after acute myocardial infarction. *Journal of the American College of Cardiology*, **2009**, 54, 2277-86	15.1	1038
157	Comparison of allogeneic vs autologous bone marrow-derived mesenchymal stem cells delivered by transendocardial injection in patients with ischemic cardiomyopathy: the POSEIDON randomized trial. *JAMA - Journal of the American Medical Association*, **2012**, 308, 2369-79	27.4	831
156	Nitric oxide regulates the heart by spatial confinement of nitric oxide synthase isoforms. *Nature*, **2002**, 416, 337-9	50.4	679
155	Left ventricular or biventricular pacing improves cardiac function at diminished energy cost in patients with dilated cardiomyopathy and left bundle-branch block. *Circulation*, **2000**, 102, 3053-9	16.7	623
154	Bone marrow mesenchymal stem cells stimulate cardiac stem cell proliferation and differentiation. *Circulation Research*, **2010**, 107, 913-22	15.7	573
153	Mesenchymal stem cell perspective: cell biology to clinical progress. *Npj Regenerative Medicine*, **2019**, 4, 22	15.8	532
152	Allogeneic mesenchymal stem cells restore cardiac function in chronic ischemic cardiomyopathy via trilineage differentiating capacity. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 14022-7	11.5	472
151	Transendocardial mesenchymal stem cells and mononuclear bone marrow cells for ischemic cardiomyopathy: the TAC-HFT randomized trial. *JAMA - Journal of the American Medical Association*, **2014**, 311, 62-73	27.4	381
150	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. *Circulation*, **2013**, 127, 213-23	16.7	331
149	NO/redox disequilibrium in the failing heart and cardiovascular system. *Journal of Clinical Investigation*, **2005**, 115, 509-17	15.9	262
148	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. *Circulation Research*, **2014**, 114, 1302-10	15.7	242
147	Intramyocardial stem cell injection in patients with ischemic cardiomyopathy: functional recovery and reverse remodeling. *Circulation Research*, **2011**, 108, 792-6	15.7	242
146	Randomized Comparison of Allogeneic Versus Autologous Mesenchymal Stem Cells for Nonischemic Dilated Cardiomyopathy: POSEIDON-DCM Trial. *Journal of the American College of Cardiology*, **2017**, 69, 526-537	15.1	218
145	Cardiac phosphodiesterase 5 (cGMP-specific) modulates beta-adrenergic signaling in vivo and is down-regulated in heart failure. *FASEB Journal*, **2001**, 15, 1718-26	0.9	204
144	Autologous mesenchymal stem cells produce reverse remodelling in chronic ischaemic cardiomyopathy. *European Heart Journal*, **2009**, 30, 2722-32	9.5	200
143	Myocarditis and inflammatory cardiomyopathy: current evidence and future directions. *Nature Reviews Cardiology*, **2021**, 18, 169-193	14.8	194
142	Rebuilding the Damaged Heart: Mesenchymal Stem Cells, Cell-Based Therapy, and Engineered Heart Tissue. *Physiological Reviews*, **2016**, 96, 1127-68	47.9	190

141	Nitric oxide regulation of myocardial contractility and calcium cycling: independent impact of neuronal and endothelial nitric oxide synthases. *Circulation Research*, **2003**, 92, 1322-9	15.7	168
140	Inosine to increase serum and cerebrospinal fluid urate in Parkinson disease: a randomized clinical trial. *JAMA Neurology*, **2014**, 71, 141-50	17.2	164
139	Nitric oxide and excitation-contraction coupling. *Journal of Molecular and Cellular Cardiology*, **2003**, 35, 719-29	5.8	150
138	In vivo murine left ventricular pressure-volume relations by miniaturized conductance micromanometry. *American Journal of Physiology - Heart and Circulatory Physiology*, **1998**, 274, H1416-22	5.2	148
137	Mesenchymal Stem Cell-Based Therapy for Cardiovascular Disease: Progress and Challenges. *Molecular Therapy*, **2018**, 26, 1610-1623	11.7	139
136	Nitroso-redox interactions in the cardiovascular system. *Circulation*, **2006**, 114, 1531-44	16.7	136
135	Allogeneic Human Mesenchymal Stem Cells in Patients With Idiopathic Pulmonary Fibrosis via Intravenous Delivery (AETHER): A Phase I Safety Clinical Trial. *Chest*, **2017**, 151, 971-981	5.3	129
134	Early improvement in cardiac tissue perfusion due to mesenchymal stem cells. *American Journal of Physiology - Heart and Circulatory Physiology*, **2008**, 294, H2002-11	5.2	129
133	Synergistic Effects of Combined Cell Therapy for Chronic Ischemic Cardiomyopathy. *Journal of the American College of Cardiology*, **2015**, 66, 1990-1999	15.1	109
132	Impaired S-nitrosylation of the ryanodine receptor caused by xanthine oxidase activity contributes to calcium leak in heart failure. *Journal of Biological Chemistry*, **2010**, 285, 28938-45	5.4	109
131	cGMP-independent inotropic effects of nitric oxide and peroxynitrite donors: potential role for nitrosylation. *American Journal of Physiology - Heart and Circulatory Physiology*, **2000**, 279, H1982-8	5.2	108
130	Route of Delivery Modulates the Efficacy of Mesenchymal Stem Cell Therapy for Myocardial Infarction: A Meta-Analysis of Preclinical Studies and Clinical Trials. *Circulation Research*, **2017**, 120, 1139-1150	15.7	106
129	Contribution of caveolin protein abundance to augmented nitric oxide signaling in conscious dogs with pacing-induced heart failure. *Circulation Research*, **2000**, 86, 1085-92	15.7	106
128	Dose Comparison Study of Allogeneic Mesenchymal Stem Cells in Patients With Ischemic Cardiomyopathy (The TRIDENT Study). *Circulation Research*, **2017**, 121, 1279-1290	15.7	105
127	S-Nitrosylation of cardiac ion channels. *Journal of Cardiovascular Pharmacology*, **2009**, 54, 188-95	3.1	101
126	Dynamic denitrosylation via S-nitrosoglutathione reductase regulates cardiovascular function. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 4314-9	11.5	98
125	Oxidative Stress and Apoptosis in Heart Failure Progression. *Circulation Research*, **2001**, 89, 198-200	15.7	96
124	beta(3)-adrenoceptor deficiency blocks nitric oxide-dependent inhibition of myocardial contractility. *Journal of Clinical Investigation*, **2000**, 106, 697-703	15.9	94

123	cKit+ cardiac progenitors of neural crest origin. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 13051-6	11.5	86
122	Exosomal microRNA-21-5p Mediates Mesenchymal Stem Cell Paracrine Effects on Human Cardiac Tissue Contractility. *Circulation Research*, **2018**, 122, 933-944	15.7	86
121	Concise Review: Review and Perspective of Cell Dosage and Routes of Administration From Preclinical and Clinical Studies of Stem Cell Therapy for Heart Disease. *Stem Cells Translational Medicine*, **2016**, 5, 186-91	6.9	83
120	Clinical Studies of Cell Therapy in Cardiovascular Medicine: Recent Developments and Future Directions. *Circulation Research*, **2018**, 123, 266-287	15.7	81
119	Allogeneic Mesenchymal Stem Cells Restore Endothelial Function in Heart Failure by Stimulating Endothelial Progenitor Cells. *EBioMedicine*, **2015**, 2, 467-75	8.8	78
118	Myocardial infarction and intramyocardial injection models in swine. *Nature Protocols*, **2012**, 7, 1479-96	18.8	78
117	Cardioprotective effects of growth hormone-releasing hormone agonist after myocardial infarction. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 2604-9	11.5	78
116	S-nitrosoglutathione reductase (GSNOR) enhances vasculogenesis by mesenchymal stem cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 2834-9	11.5	76
115	Association between serum uric acid and atrial fibrillation: a systematic review and meta-analysis. *Heart Rhythm*, **2014**, 11, 1102-8	6.7	75
114	Inhibition of the SDF-1/CXCR4 axis attenuates neonatal hypoxia-induced pulmonary hypertension. *Circulation Research*, **2009**, 104, 1293-301	15.7	74
113	Mesenchymal stem cell therapy for cardiac repair. *Methods in Molecular Biology*, **2010**, 660, 65-84	1.4	73
112	Rationale and Design of the CONCERT-HF Trial (Combination of Mesenchymal and c-kit Cardiac Stem Cells As Regenerative Therapy for Heart Failure). *Circulation Research*, **2018**, 122, 1703-1715	15.7	72
111	Preclinical Studies of Stem Cell Therapy for Heart Disease. *Circulation Research*, **2018**, 122, 1006-1020	15.7	72
110	Effect of aging on human mesenchymal stem cell therapy in ischemic cardiomyopathy patients. *Journal of the American College of Cardiology*, **2015**, 65, 125-32	15.1	68
109	Allogeneic Mesenchymal Stem Cells Ameliorate Aging Frailty: A Phase II Randomized, Double-Blind, Placebo-Controlled Clinical Trial. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2017**, 72, 1513-1522	6.4	67
108	Overcoming the Roadblocks to Cardiac Cell Therapy Using Tissue Engineering. *Journal of the American College of Cardiology*, **2017**, 70, 766-775	15.1	67
107	Stimulatory Effects of Mesenchymal Stem Cells on cKit+ Cardiac Stem Cells Are Mediated by SDF1/CXCR4 and SCF/cKit Signaling Pathways. *Circulation Research*, **2016**, 119, 921-30	15.7	66
106	Sympathetic Reinnervation Is Required for Mammalian Cardiac Regeneration. *Circulation Research*, **2015**, 117, 990-4	15.7	65

105	Efficacy and dose-dependent safety of intra-arterial delivery of mesenchymal stem cells in a rodent stroke model. *PLoS ONE*, **2014**, 9, e93735	3.7	62
104	Improved mechanoenergetics and cardiac rest and reserve function of in vivo failing heart by calcium sensitizer EMD-57033. *Circulation*, **2000**, 101, 1040-8	16.7	62
103	Ischemic cardiomyopathy: endomyocardial biopsy and ventriculographic evaluation of patients with congestive heart failure, dilated cardiomyopathy and coronary artery disease. *Journal of the American College of Cardiology*, **1992**, 20, 1318-25	15.1	59
102	A Combination of Allogeneic Stem Cells Promotes Cardiac Regeneration. *Journal of the American College of Cardiology*, **2017**, 70, 2504-2515	15.1	58
101	Cardiac regeneration and stem cell therapy. *Current Opinion in Organ Transplantation*, **2008**, 13, 536-42	2.5	54
100	Pim1 Kinase Overexpression Enhances ckit Cardiac Stem Cell Cardiac Repair Following Myocardial Infarction in Swine. *Journal of the American College of Cardiology*, **2016**, 68, 2454-2464	15.1	53
99	Experimental and Computational Insight Into Human Mesenchymal Stem Cell Paracrine Signaling and Heterocellular Coupling Effects on Cardiac Contractility and Arrhythmogenicity. *Circulation Research*, **2017**, 121, 411-423	15.7	51
98	Mesenchymal Stem Cells as a Biological Drug for Heart Disease: Where Are We With Cardiac Cell-Based Therapy?. *Circulation Research*, **2015**, 117, 229-33	15.7	49
97	Activation of growth hormone releasing hormone (GHRH) receptor stimulates cardiac reverse remodeling after myocardial infarction (MI). *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 559-63	11.5	48
96	Cell-based therapy to reduce mortality from COVID-19: Systematic review and meta-analysis of human studies on acute respiratory distress syndrome. *Stem Cells Translational Medicine*, **2020**, 9, 1007-1022	6.9	47
95	Mesenchymal stem cell therapies in the treatment of musculoskeletal diseases. *PM and R*, **2014**, 6, 61-9	2.2	46
94	Synthesis of new potent agonistic analogs of growth hormone-releasing hormone (GHRH) and evaluation of their endocrine and cardiac activities. *Peptides*, **2014**, 52, 104-12	3.8	44
93	Constitutive phosphorylation of cardiac myosin regulatory light chain prevents development of hypertrophic cardiomyopathy in mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, E4138-46	11.5	43
92	Allogeneic Human Mesenchymal Stem Cell Infusions for Aging Frailty. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2017**, 72, 1505-1512	6.4	42
91	Regulation of oxygen delivery to the body via hypoxic vasodilation. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 6254-5	11.5	40
90	Mesenchymal Stem Cells in Cardiology. *Methods in Molecular Biology*, **2016**, 1416, 55-87	1.4	39
89	Cigarette Smoke Initiates Oxidative Stress-Induced Cellular Phenotypic Modulation Leading to Cerebral Aneurysm Pathogenesis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 610-621	9.4	38
88	Phase II clinical research design in cardiology: learning the right lessons too well: observations and recommendations from the Cardiovascular Cell Therapy Research Network (CCTRN). *Circulation*, **2013**, 127, 1630-5	16.7	38

87	Rethinking Endothelial Dysfunction as a Crucial Target in Fighting Heart Failure. *Mayo Clinic Proceedings Innovations, Quality & Outcomes*, **2019**, 3, 1-13	3.1	37
86	Stromal derived factor-1 mediates the lung regenerative effects of mesenchymal stem cells in a rodent model of bronchopulmonary dysplasia. *Respiratory Research*, **2017**, 18, 137	7.3	36
85	S-Nitrosoglutathione Reductase Deficiency Enhances the Proliferative Expansion of Adult Heart Progenitors and Myocytes Post Myocardial Infarction. *Journal of the American Heart Association*, **2015**, 4,	6	32
84	C-kit(+) cells isolated from developing kidneys are a novel population of stem cells with regenerative potential. *Stem Cells*, **2013**, 31, 1644-56	5.8	31
83	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). *Circulation*, **2017**, 135, 1417-1428	16.7	29
82	Growth hormone-releasing hormone attenuates cardiac hypertrophy and improves heart function in pressure overload-induced heart failure. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 12033-12038	11.5	29
81	Hydralazine and organic nitrates restore impaired excitation-contraction coupling by reducing calcium leak associated with nitroso-redox imbalance. *Journal of Biological Chemistry*, **2013**, 288, 6522-33	5.4	29
80	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	3.3	29
79	NADPH oxidase-2 inhibition restores contractility and intracellular calcium handling and reduces arrhythmogenicity in dystrophic cardiomyopathy. *American Journal of Physiology - Heart and Circulatory Physiology*, **2014**, 307, H710-21	5.2	28
78	Actions and Potential Therapeutic Applications of Growth Hormone-Releasing Hormone Agonists. *Endocrinology*, **2019**, 160, 1600-1612	4.8	27
77	Agonists of growth hormone-releasing hormone stimulate self-renewal of cardiac stem cells and promote their survival. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 17260-5	11.5	27
76	COVID-19 Endothelial Dysfunction Can Cause Erectile Dysfunction: Histopathological, Immunohistochemical, and Ultrastructural Study of the Human Penis. *World Journal of Men?s Health* , **2021**, 39, 466-469	6.8	27
75	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. *American Heart Journal*, **2017**, 192, 48-56	4.9	26
74	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. *European Journal of Heart Failure*, **2021**, 23, 661-674	12.3	26
73	Mesenchymal Stem Cell Therapy for Aging Frailty. *Frontiers in Nutrition*, **2018**, 5, 108	6.2	26
72	Alterations of tumor microenvironment by nitric oxide impedes castration-resistant prostate cancer growth. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 11298-11303	11.5	25
71	Dual Labeling Biotin Switch Assay to Reduce Bias Derived From Different Cysteine Subpopulations: A Method to Maximize S-Nitrosylation Detection. *Circulation Research*, **2015**, 117, 846-57	15.7	23
70	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. *Journal of Biological Chemistry*, **2014**, 289, 23097-23111	5.4	22

69	Exhaled nitric oxide: a marker of pulmonary hemodynamics in heart failure. *Journal of the American College of Cardiology*, **2002**, 40, 1114-9	15.1	21
68	Contribution of Polycomb group proteins to olfactory basal stem cell self-renewal in a novel c-KIT+ culture model and in vivo. *Development (Cambridge)*, **2016**, 143, 4394-4404	6.6	19
67	Murine Models Demonstrate Distinct Vasculogenic and Cardiomyogenic cKit+ Lineages in the Heart. *Circulation Research*, **2016**, 118, 382-7	15.7	19
66	Subcutaneous Leydig Stem Cell Autograft: A Promising Strategy to Increase Serum Testosterone. *Stem Cells Translational Medicine*, **2019**, 8, 58-65	6.9	19
65	Current Advances of Nitric Oxide in Cancer and Anticancer Therapeutics. *Vaccines*, **2021**, 9,	5.3	19
64	Differentiation potential of individual olfactory c-Kit+ progenitors determined via multicolor lineage tracing. *Developmental Neurobiology*, **2016**, 76, 241-51	3.2	17
63	Comparison of Mesenchymal Stem Cell Efficacy in Ischemic Versus Nonischemic Dilated Cardiomyopathy. *Journal of the American Heart Association*, **2018**, 7,	6	17
62	Growth hormone-releasing hormone agonists reduce myocardial infarct scar in swine with subacute ischemic cardiomyopathy. *Journal of the American Heart Association*, **2015**, 4,	6	17
61	Translational development of mesenchymal stem cell therapy for cardiovascular diseases. *Texas Heart Institute Journal*, **2009**, 36, 145-7	0.8	17
60	Tumor Suppressors RB1 and CDKN2a Cooperatively Regulate Cell-Cycle Progression and Differentiation During Cardiomyocyte Development and Repair. *Circulation Research*, **2019**, 124, 1184-1197	15.7	17
59	GSNOR Deficiency Enhances In Situ Skeletal Muscle Strength, Fatigue Resistance, and RyR1 S-Nitrosylation Without Impacting Mitochondrial Content and Activity. *Antioxidants and Redox Signaling*, **2017**, 26, 165-181	8.4	16
58	Stem cell factor improves lung recovery in rats following neonatal hyperoxia-induced lung injury. *Pediatric Research*, **2013**, 74, 682-8	3.2	16
57	Sex differences by design and outcome in the Safety of Urate Elevation in PD (SURE-PD) trial. *Neurology*, **2019**, 93, e1328-e1338	6.5	16
56	Cell-Based Therapy Restores Olfactory Function in an Inducible Model of Hyposmia. *Stem Cell Reports*, **2019**, 12, 1354-1365	8	15
55	Rationale and Design of the SENECA (StEm cell iNjECtion in cAncer survivors) Trial. *American Heart Journal*, **2018**, 201, 54-62	4.9	15
54	New therapeutic approach to heart failure due to myocardial infarction based on targeting growth hormone-releasing hormone receptor. *Oncotarget*, **2015**, 6, 9728-39	3.3	15
53	Genetic determinants of responsiveness to mesenchymal stem cell injections in non-ischemic dilated cardiomyopathy. *EBioMedicine*, **2019**, 48, 377-385	8.8	15
52	COVID19: A Systematic Approach to Early Identification and Healthcare Worker Protection. *Frontiers in Public Health*, **2020**, 8, 205	6	14

51	Physiological and hypoxic oxygen concentration differentially regulates human c-Kit+ cardiac stem cell proliferation and migration. *American Journal of Physiology - Heart and Circulatory Physiology*, **2016**, 311, H1509-H1519	5.2	14
50	Effects of Transendocardial Stem Cell Injection on Ventricular Proarrhythmia in Patients with Ischemic Cardiomyopathy: Results from the POSEIDON and TAC-HFT Trials. *Stem Cells Translational Medicine*, **2017**, 6, 1366-1372	6.9	13
49	Mesenchymal Stem Cell Secretion of SDF-1α Modulates Endothelial Function in Dilated Cardiomyopathy. *Frontiers in Physiology*, **2019**, 10, 1182	4.6	13
48	Clinical and Neurophysiological Changes after Targeted Intrathecal Injections of Bone Marrow Stem Cells in a C3 Tetraplegic Subject. *Journal of Neurotrauma*, **2019**, 36, 500-516	5.4	13
47	Intravenous Stem Cell Therapy for High-Grade Aneurysmal Subarachnoid Hemorrhage: Case Report and Literature Review. *World Neurosurgery*, **2019**, 128, 573-575	2.1	12
46	Allogeneic Mesenchymal Cell Therapy in Anthracycline-Induced Cardiomyopathy Heart Failure Patients: The CCTRN SENECA Trial. *JACC: CardioOncology*, **2020**, 2, 581-595	3.8	12
45	PDGFRA defines the mesenchymal stem cell Kaposi's sarcoma progenitors by enabling KSHV oncogenesis in an angiogenic environment. *PLoS Pathogens*, **2019**, 15, e1008221	7.6	12
44	Interaction between neuronal nitric oxide synthase signaling and temperature influences sarcoplasmic reticulum calcium leak: role of nitroso-redox balance. *Circulation Research*, **2015**, 116, 46-55	15.7	11
43	Kidney-derived c-kit progenitor/stem cells contribute to podocyte recovery in a model of acute proteinuria. *Scientific Reports*, **2018**, 8, 14723	4.9	11
42	Clinical-based Cell Therapies for Heart Disease-Current and Future State. *Rambam Maimonides Medical Journal*, **2020**, 11,	1.8	10
41	Kidney-Derived c-Kit Cells Possess Regenerative Potential. *Stem Cells Translational Medicine*, **2018**, 7, 317-324	6.9	9
40	Antagonism of stem cell factor/c-kit signaling attenuates neonatal chronic hypoxia-induced pulmonary vascular remodeling. *Pediatric Research*, **2016**, 79, 637-46	3.2	9
39	Allogeneic mesenchymal stem cell therapy: A regenerative medicine approach to geroscience. *Aging Medicine (Milton (N S W))*, **2019**, 2, 142-146	3.5	8
38	The quest for a successful cell-based therapeutic approach for heart failure. *European Heart Journal* , **2017**, 38, 661-664	9.5	7
37	Attenuation of frailty in older adults with mesenchymal stem cells. *Mechanisms of Ageing and Development*, **2019**, 181, 47-58	5.6	7
36	Rejuvenation of Senescent Endothelial Progenitor Cells by Extracellular Vesicles Derived From Mesenchymal Stromal Cells. *JACC Basic To Translational Science*, **2020**, 5, 1127-1141	8.7	7
35	Emerging Applications of Stem Cell and Regenerative Medicine to Sports Injuries. *Orthopaedic Journal of Sports Medicine*, **2014**, 2, 2325967113519935	3.5	7
34	Nitric oxide and cardiobiology-methods for intact hearts and isolated myocytes. *Methods in Enzymology*, **2008**, 441, 369-92	1.7	7

33	Intravenous administration of mesenchymal stem cells reduces Tau phosphorylation and inflammation in the 3xTg-AD mouse model of Alzheimer's disease. *Experimental Neurology*, **2021**, 341, 113706	5.7	7
32	The impact of patient sex on the response to intramyocardial mesenchymal stem cell administration in patients with non-ischaemic dilated cardiomyopathy. *Cardiovascular Research*, **2020**, 116, 2131-2141	9.9	6
31	A novel cardiomyogenic role for Isl1 neural crest cells in the inflow tract. *Science Advances*, **2020**, 6,	14.3	6
30	The Effect of Transendocardial Stem Cell Injection on Erectile Function in Men With Cardiomyopathy: Results From the TRIDENT, POSEIDON, and TAC-HFT Trials. *Journal of Sexual Medicine*, **2020**, 17, 695-701	1.1	5
29	S-Nitrosoglutathione Reductase (GSNOR) Deficiency Results in Secondary Hypogonadism. *Journal of Sexual Medicine*, **2018**, 15, 654-661	1.1	5
28	Progenitor/Stem Cell Delivery by Suprarenal Aorta Route in Acute Kidney Injury. *Cell Transplantation*, **2019**, 28, 1390-1403	4	5
27	Evidence for a retinal progenitor cell in the postnatal and adult mouse. *Stem Cell Research*, **2017**, 23, 20-32	1.6	5
26	Hypoxic Stress Decreases c-Myc Protein Stability in Cardiac Progenitor Cells Inducing Quiescence and Compromising Their Proliferative and Vasculogenic Potential. *Scientific Reports*, **2017**, 7, 9702	4.9	4
25	Reduced left ventricular dimension and normalized atrial natriuretic hormone level after repair of aortic coarctation in an adult. *Clinical Cardiology*, **1999**, 22, 233-5	3.3	4
24	Age Induced Nitroso-Redox Imbalance Leads to Subclinical Hypogonadism in Male Mice. *Frontiers in Endocrinology*, **2019**, 10, 190	5.7	3
23	Perspectives on the Evolution of Stem Cell Therapy for Heart Failure. *EBioMedicine*, **2015**, 2, 1838-9	8.8	3
22	A meta-analysis of arrhythmia endpoints in randomized controlled trials of transendocardial stem cell injections for chronic ischemic heart disease. *Journal of Cardiovascular Electrophysiology*, **2019**, 30, 2492-2500	2.7	2
21	Secondary Polycythemia in Men Receiving Testosterone Therapy Increases Risk of Major Adverse Cardiovascular Events and Venous Thromboembolism in the First Year of Therapy.. *Journal of Urology*, **2022**, 101097JU0000000000002437	2.5	2
20	Is the regulation of SIRT1 by miRNA-34a the key to mesenchymal stem cell survival?. *Annals of Translational Medicine*, **2016**, 4, 243	3.2	2
19	Reparative cell therapy for the heart: critical internal appraisal of the field in response to recent controversies. *ESC Heart Failure*, **2021**, 8, 2306-2309	3.7	2
18	Growth hormone-releasing hormone agonists ameliorate chronic kidney disease-induced heart failure with preserved ejection fraction. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	2
17	Recommendations for Nomenclature and Definition Of Cell Products Intended for Human Cardiovascular Use. *Cardiovascular Research*, **2021**,	9.9	2
16	Kaposi's sarcoma herpesvirus activates the hypoxia response to usurp HIF2-dependent translation initiation for replication and oncogenesis.. *Cell Reports*, **2021**, 37, 110144	10.6	2

15	Bilateral pneumonectomy and lung transplant for COVID-19 induced respiratory failure.. *JTCVS Techniques*, **2022**,	0.2	1
14	Synthetic Growth Hormone-Releasing Hormone Agonist as Novel Treatment for Heart Failure with Preserved Ejection Fraction		1
13	Demographic representation in clinical trials for cell-based therapy. *Contemporary Clinical Trials Communications*, **2021**, 21, 100702	1.8	1
12	The National Heart, Lung, and Blood Institute-funded Production Assistance for Cellular Therapies (PACT) program: Eighteen years of cell therapy. *Clinical and Translational Science*, **2021**, 14, 2099-2110	4.9	1
11	Improvement of cardiac and systemic function in old mice by agonist of growth hormone-releasing hormone. *Journal of Cellular Physiology*, **2021**,	7	1
10	The Presence of Cholesteryl Ester Transfer Protein (CETP) in Endothelial Cells Generates Vascular Oxidative Stress and Endothelial Dysfunction. *Biomolecules*, **2021**, 11,	5.9	1
9	Clinical evaluation of allogeneic mesenchymal stem cells for Alzheimer's disease. *Alzheimer's and Dementia*, **2020**, 16, e046634	1.2	0
8	Comparative Effects of Bone Marrow-derived Versus Umbilical Cord Tissue Mesenchymal Stem Cells in an Experimental Model of Bronchopulmonary Dysplasia.. *Stem Cells Translational Medicine*, **2022**, 11, 189-199	6.9	0
7	Leptin secreted from testicular microenvironment modulates hedgehog signaling to augment the endogenous function of Leydig cells.. *Cell Death and Disease*, **2022**, 13, 208	9.8	0
6	S-Nitrosoglutathione Reductase Deficiency Causes Aberrant Placental S-Nitrosylation and Preeclampsia.. *Journal of the American Heart Association*, **2022**, e024008	6	0
5	Autologous Cardiac Stem Cell Injection in Patients with Hypoplastic Left Heart Syndrome (CHILD Study).. *Pediatric Cardiology*, **2022**, 1	2.1	0
4	Adult c-Kit(+) progenitor cells are necessary for maintenance and regeneration of olfactory neurons. *Journal of Comparative Neurology*, **2015**, 523, Spc1-Spc1	3.4	
3	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. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 675738	5.7	
2	Regenerative Medicine in the State of Florida: Letter Outlining the Florida Organization for Regenerative Medicine. *Stem Cells Translational Medicine*, **2018**, 7, 511-512	6.9	
1	Free-breathing gradient recalled echo-based CMR in a swine heart failure model.. *Scientific Reports*, **2022**, 12, 3698	4.9	