

# Atta Behfar

## 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.

138  
papers

5,304  
citations

38  
h-index

70  
g-index

163  
ext. papers

6,117  
ext. citations

5.6  
avg, IF

5.54  
L-index

#	Paper	IF	Citations
138	Optimal Hemodynamics and Risk of Severe Outcomes Post-Left Ventricular Assist Device Implantation.. <i>ASAIO Journal</i> , <b>2022</b> , 68, 325-332	3.6	0
137	Radiology of Intra-Aortic Balloon Pump Catheters.. <i>Radiology: Cardiothoracic Imaging</i> , <b>2022</b> , 4, e210120	8.3	
136	Hip decompression combined with bone marrow concentrate and platelet-rich plasma for corticosteroid-induced osteonecrosis of the femoral head : mid-term update from a prospective study. <i>Bone &amp; Joint Open</i> , <b>2021</b> , 2, 926-931	2.8	0
135	Academic Physician SpecialistsPApproaches to Counseling Patients Interested in Unproven Stem Cell and Regenerative Therapies-A Qualitative Analysis. <i>Mayo Clinic Proceedings</i> , <b>2021</b> , 96, 3086-3096	6.4	2
134	Outcomes of Ambulatory Heart Failure Patients Managed With an Intra-aortic Balloon Pump Before Left Ventricular Assist Device Implantation. <i>ASAIO Journal</i> , <b>2021</b> , 67, 430-435	3.6	
133	Correction of High Afterload Improves Low Cardiac Output in Patients Supported on Left Ventricular Assist Device Therapy. <i>ASAIO Journal</i> , <b>2021</b> , 67, 32-38	3.6	6
132	Percutaneous Axillary Intra-aortic Balloon Pump Insertion Technique as Bridge to Advanced Heart Failure Therapy. <i>ASAIO Journal</i> , <b>2021</b> , 67, e81-e85	3.6	2
131	A novel engineered purified exosome product patch for tendon healing: An explant in an ex vivo model. <i>Journal of Orthopaedic Research</i> , <b>2021</b> , 39, 1825-1837	3.8	4
130	Regenerative medicine clinical readiness. <i>Regenerative Medicine</i> , <b>2021</b> , 16, 309-322	2.5	4
129	Accuracy of Noninvasive Blood Pressure Versus Central Aortic Pressure in Patients Supported on Left Ventricular Assist Device Therapy. <i>ASAIO Journal</i> , <b>2021</b> , 67, e134-e136	3.6	
128	Heart-After-Liver Transplantation Attenuates Rejection of Cardiac Allografts in Sensitized Patients. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 77, 1331-1340	15.1	4
127	Impact of Repeat Dosing and Mesh Exposure Chronicity on Exosome-Induced Vaginal Tissue Regeneration in a Porcine Mesh Exposure Model. <i>Female Pelvic Medicine and Reconstructive Surgery</i> , <b>2021</b> , 27, 195-201	1.9	3
126	From tissue to human regeneration: the development of a comprehensive regenerative care clinic for people with diabetes. <i>Regenerative Medicine</i> , <b>2021</b> , 16, 219-228	2.5	0
125	Secretome signature of cardiopoietic cells echoed in rescued infarcted heart proteome. <i>Stem Cells Translational Medicine</i> , <b>2021</b> , 10, 1320-1328	6.9	1
124	Administration of Purified Exosome Product in a Rat Sciatic Serve Reverse Autograft Model. <i>Plastic and Reconstructive Surgery</i> , <b>2021</b> , 148, 200e-211e	2.7	1
123	Risk of Liver Dysfunction After Left Ventricular Assist Device Implantation. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 111, 1961-1967	2.7	4
122	An under-recognized phenomenon: Myocardial volume change during the cardiac cycle. <i>Echocardiography</i> , <b>2021</b> , 38, 1235-1244	1.5	

121	Inadequate left ventricular unloading during ramp is associated with hospitalization or death during left ventricular assist device support. <i>Artificial Organs</i> , <b>2021</b> , 45, 115-123	2.6	4
120	Brachyury engineers cardiac repair competent stem cells. <i>Stem Cells Translational Medicine</i> , <b>2021</b> , 10, 385-397	6.9	5
119	Cardiac MRI demonstrates compressibility in healthy myocardium but not in myocardium with reduced ejection fraction. <i>International Journal of Cardiology</i> , <b>2021</b> , 322, 278-283	3.2	3
118	Systolic-to-diastolic myocardial volume ratio as a novel imaging marker of cardiomyopathy. <i>International Journal of Cardiology</i> , <b>2021</b> , 322, 272-277	3.2	1
117	TGF- $\beta$ -loaded exosome enhances ischemic wound healing and. <i>Theranostics</i> , <b>2021</b> , 11, 6616-6631	12.1	10
116	Screening for regenerative therapy responders in heart failure. <i>Biomarkers in Medicine</i> , <b>2021</b> , 15, 775-783	3.3	3
115	Hemodynamic Assessment of Dual Obstructive Left Ventricular Assist Device Lesions. <i>Cureus</i> , <b>2021</b> , 13, e17180	1.2	
114	Effects of purified exosome product on rotator cuff tendon-bone healing in vitro and in vivo. <i>Biomaterials</i> , <b>2021</b> , 276, 121019	15.6	4
113	Exosome-Induced Vaginal Tissue Regeneration in a Porcine Mesh Exposure Model. <i>Female Pelvic Medicine and Reconstructive Surgery</i> , <b>2021</b> , 27, 609-615	1.9	0
112	Intrinsic Tendon Regeneration After Application of Purified Exosome Product: An In Vivo Study.. <i>Orthopaedic Journal of Sports Medicine</i> , <b>2021</b> , 9, 23259671211062929	3.5	0
111	Physiology of Continuous-Flow Left Ventricular Assist Device Therapy.. <i>Comprehensive Physiology</i> , <b>2021</b> , 12, 2731-2767	7.7	1
110	Cardiopoietic stem cell therapy restores infarction-altered cardiac proteome. <i>Npj Regenerative Medicine</i> , <b>2020</b> , 5, 5	15.8	13
109	Intravenous bevacizumab as a novel treatment for refractory left ventricular assist device-related gastrointestinal bleeding. <i>Journal of Heart and Lung Transplantation</i> , <b>2020</b> , 39, 492-495	5.8	5
108	Characterization of a purified exosome product and its effects on canine flexor tenocyte biology. <i>Journal of Orthopaedic Research</i> , <b>2020</b> , 38, 1845-1855	3.8	15
107	Exercise-induced hypoxemia predicts heart failure hospitalization and death in patients supported with left ventricular assist devices. <i>International Journal of Artificial Organs</i> , <b>2020</b> , 43, 165-172	1.9	4
106	Acute Myocardial Infarction in Young Individuals. <i>Mayo Clinic Proceedings</i> , <b>2020</b> , 95, 136-156	6.4	59
105	Injectable conductive hydrogel restores conduction through ablated myocardium. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2020</b> , 31, 3293-3301	2.7	3
104	Cardiopoietic stem cell therapy in ischaemic heart failure: long-term clinical outcomes. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 3345	3.7	12

103	[Zr]Zr-DBN labeled cardiopoietic stem cells proficient for heart failure. <i>Nuclear Medicine and Biology</i> , <b>2020</b> , 90-91, 23-30	2.1	4
102	Ventricular remodeling in ischemic heart failure stratifies responders to stem cell therapy. <i>Stem Cells Translational Medicine</i> , <b>2020</b> , 9, 74-79	6.9	11
101	Dual RVAD-ECMO Circuits to Treat Cardiogenic Shock and Hypoxemia Due to Necrotizing Lung Infection: A Case Report. <i>A&amp;A Practice</i> , <b>2020</b> , 14, e01181	0.8	0
100	Pulmonary artery catheter epidemiology of risk in pre-heart-transplant recipients. <i>Infection Control and Hospital Epidemiology</i> , <b>2019</b> , 40, 632-638	2	3
99	Regeneration for All: An Odyssey in Biotherapy. <i>European Heart Journal</i> , <b>2019</b> , 40, 1033-1035	9.5	16
98	Novel Left Heart Catheterization Ramp Protocol to Guide Hemodynamic Optimization in Patients Supported With Left Ventricular Assist Device Therapy. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e010232	6	10
97	MRNA Drives Targeted Gene Delivery in Acute Myocardial Infarction. <i>Tissue Engineering - Part A</i> , <b>2019</b> , 25, 145-158	3.9	13
96	Diastolic Pulmonary Gradient as a Predictor of Right Ventricular Failure After Left Ventricular Assist Device Implantation. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e012073	6	12
95	Safety and Risk of Major Complications With Diagnostic Cardiac Catheterization. <i>Circulation: Cardiovascular Interventions</i> , <b>2019</b> , 12, e007791	6	12
94	Commonly Used Immunosuppressives Affect Mesenchymal Stem Cell Viability and Function: Should We Rethinking Clinical Trial Inclusion and Exclusion Criteria?. <i>Crohng &amp; Colitis</i> <b>360</b> , <b>2019</b> , 1,	1.4	1
93	Myocardial Energetics in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , <b>2019</b> , 12, e006240	7.6	11
92	Predictors and Clinical Outcomes of Vasoplegia in Patients Bridged to Heart Transplantation With Continuous-Flow Left Ventricular Assist Devices. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e013108	6	9
91	Heart Block Caused by Cardiac Metastasis From Merkel Cell Carcinoma: A Case Report. <i>Mayo Clinic Proceedings Innovations, Quality &amp; Outcomes</i> , <b>2019</b> , 3, 510-516	3.1	1
90	CORR ORS Richard A. Brand Award: Disruption in Peroxisome Proliferator-Activated Receptor-γ (PPARG) Increases Osteonecrosis Risk Through Genetic Variance and Pharmacologic Modulation. <i>Clinical Orthopaedics and Related Research</i> , <b>2019</b> , 477, 1800-1812	2.2	7
89	Novel Use for Intracardiac Echocardiography: Evaluation of Patients With Continuous Flow Left Ventricular Assist Devices. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 363-366	8.4	4
88	Stem Cells Combined With Platelet-rich Plasma Effectively Treat Corticosteroid-induced Osteonecrosis of the Hip: A Prospective Study. <i>Clinical Orthopaedics and Related Research</i> , <b>2018</b> , 476, 388-397	2.2	38
87	First-in-Human Use of a Retention-Enhanced Catheter for Endomyocardial Cell Delivery. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, 412-414	5	3
86	Elimination of Purkinje Fibers by Electroporation Reduces Ventricular Fibrillation Vulnerability. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7, e009070	6	24

85	Clinical Experience With Regenerative Therapy in Heart Failure: Advancing Care With Cardiopoietic Stem Cell Interventions. <i>Circulation Research</i> , <b>2018</b> , 122, 1344-1346	15.7	13
84	Towards regeneration: the evolution of medicine from fighting to building <b>2018</b> , k1586		5
83	Pulmonary Pressure Assessment with the Total Artificial Heart. <i>ASAIO Journal</i> , <b>2018</b> , 64, e34-e36	3.6	2
82	Reply to the Letter to the Editor: Stem Cells Combined With Platelet-rich Plasma Effectively Treat Corticosteroid-induced Osteonecrosis of the Hip: A Prospective Study. <i>Clinical Orthopaedics and Related Research</i> , <b>2018</b> , 476, 1129-1130	2.2	
81	Hemodynamic Assessment of Patients With and Without Heart Failure Symptoms Supported by a Continuous-Flow Left Ventricular Assist Device. <i>Mayo Clinic Proceedings</i> , <b>2018</b> , 93, 895-903	6.4	4
80	Autosomal Dominant Polycystic Kidney Patients May Be Predisposed to Various Cardiomyopathies. <i>Kidney International Reports</i> , <b>2017</b> , 2, 913-923	4.1	18
79	Humanized mouse model for assessing the human immune response to xenogeneic and allogeneic decellularized biomaterials. <i>Biomaterials</i> , <b>2017</b> , 129, 98-110	15.6	45
78	Generation and phenotypic characterization of Pde1a mutant mice. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181087	3.7	17
77	Make regeneration great again; stronger together. <i>European Heart Journal</i> , <b>2017</b> , 38, 1094-1095	9.5	6
76	Cardiopoietic cell therapy for advanced ischaemic heart failure: results at 39 weeks of the prospective, randomized, double blind, sham-controlled CHART-1 clinical trial. <i>European Heart Journal</i> , <b>2017</b> , 38, 648-660	9.5	113
75	Percutaneous Stenting of a Left Ventricular Assist Device Outflow Kink. <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, e229-e231	5	4
74	Low Body Mass Index, Serum Creatinine, and Cause of Death in Patients Undergoing Percutaneous Coronary Intervention. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	10
73	Stem cell therapy for heart failure: Ensuring regenerative proficiency. <i>Trends in Cardiovascular Medicine</i> , <b>2016</b> , 26, 395-404	6.9	49
72	Calreticulin secures calcium-dependent nuclear pore competency required for cardiogenesis. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 92, 63-74	5.8	9
71	Cardiopoietic Stem Cells for Heart Failure Therapy <b>2016</b> , 235-241		
70	Decreased Osteogenic Activity of Mesenchymal Stem Cells in Patients With Corticosteroid-Induced Osteonecrosis of the Femoral Head. <i>Journal of Arthroplasty</i> , <b>2016</b> , 31, 893-8	4.4	67
69	Collagen and Fractionated Platelet-Rich Plasma Scaffold for Dermal Regeneration. <i>Plastic and Reconstructive Surgery</i> , <b>2016</b> , 137, 1498-1506	2.7	32
68	Quantification of decellularized human myocardial matrix: A comparison of six patients. <i>Proteomics - Clinical Applications</i> , <b>2016</b> , 10, 75-83	3.1	67

67	Adipose-Derived Mesenchymal Stem Cell Features in Patients with a History of Head and Neck Radiation. <i>Laryngoscope Investigative Otolaryngology</i> , <b>2016</b> , 1, 36-41	2.8	4
66	Congestive Heart Failure Cardiopoietic Regenerative Therapy (CHART-1) trial design. <i>European Journal of Heart Failure</i> , <b>2016</b> , 18, 160-8	12.3	58
65	CardioPulse: Regenerative medicine in the practice of cardiology. <i>European Heart Journal</i> , <b>2016</b> , 37, 1089-90	9.9	4
64	Differential cytotoxicity of corticosteroids on human mesenchymal stem cells. <i>Clinical Orthopaedics and Related Research</i> , <b>2015</b> , 473, 1155-64	2.2	38
63	Adipose-derived Mesenchymal Stem Cells Are Phenotypically Superior for Regeneration in the Setting of Osteonecrosis of the Femoral Head. <i>Clinical Orthopaedics and Related Research</i> , <b>2015</b> , 473, 3080-90	2.2	41
62	Percutaneous Fluoroscopic-Guided Endomyocardial Delivery in an Experimental Model of Left Ventricular Assist Device Support. <i>Journal of Cardiovascular Translational Research</i> , <b>2015</b> , 8, 381-4	3.3	
61	Effect of positive end-expiratory pressure on porcine right ventricle function assessed by speckle tracking echocardiography. <i>BMC Anesthesiology</i> , <b>2015</b> , 15, 49	2.4	21
60	Novel (89)Zr cell labeling approach for PET-based cell trafficking studies. <i>EJNMMI Research</i> , <b>2015</b> , 5, 19	3.6	81
59	Cardiac AAV9 Gene Delivery Strategies in Adult Canines: Assessment by Long-term Serial SPECT Imaging of Sodium Iodide Symporter Expression. <i>Molecular Therapy</i> , <b>2015</b> , 23, 1211-1221	11.7	12
58	Cardiopoietic index predicts heart repair fitness of patient-derived stem cells. <i>Biomarkers in Medicine</i> , <b>2015</b> , 9, 639-49	2.3	11
57	Endpoints in stem cell trials in ischemic heart failure. <i>Stem Cell Research and Therapy</i> , <b>2015</b> , 6, 159	8.3	12
56	Integrate and boost: bioscaffolds nurture the cardiac regenerative paradigm. <i>Stem Cell Research and Therapy</i> , <b>2015</b> , 6, 183	8.3	
55	Mesenchymal stem cell therapy for osteoarthritis: current perspectives. <i>Stem Cells and Cloning: Advances and Applications</i> , <b>2015</b> , 8, 117-24	2.6	51
54	Regenerative Therapy Prevents Heart Failure Progression in Dyssynchronous Nonischemic Narrow QRS Cardiomyopathy. <i>Journal of the American Heart Association</i> , <b>2015</b> , 4,	6	18
53	Cell therapy for cardiac repair--lessons from clinical trials. <i>Nature Reviews Cardiology</i> , <b>2014</b> , 11, 232-46	14.8	222
52	Regenerative principles enrich cardiac rehabilitation practice. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2014</b> , 93, S169-75	2.6	4
51	Human versus porcine tissue sourcing for an injectable myocardial matrix hydrogel. <i>Biomaterials Science</i> , <b>2014</b> , 2014, 60283D	7.4	83
50	Reply: Translation of regenerative technologies into clinical paradigms. <i>Nature Reviews Cardiology</i> , <b>2014</b> , 11, 553-4	14.8	

49	Increased expression of BubR1 protects against aneuploidy and cancer and extends healthy lifespan. <i>Nature Cell Biology</i> , <b>2013</b> , 15, 96-102	23.4	180
48	Reply: The C-CURE Randomized Clinical Trial (Cardiopoietic stem Cell therapy in heart failURE). <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 2454-2456	15.1	13
47	Cardiopoietic stem cell therapy in heart failure: the C-CURE (Cardiopoietic stem Cell therapy in heart failURE) multicenter randomized trial with lineage-specified biologics. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 61, 2329-38	15.1	360
46	Persistent angina uncovers unusual communication between the left anterior descending and circumflex arteries. <i>Circulation</i> , <b>2013</b> , 127, 2465-6	16.7	
45	Mechanical dyssynchrony precedes QRS widening in ATP-sensitive K <sup>+</sup> channel-deficient dilated cardiomyopathy. <i>Journal of the American Heart Association</i> , <b>2013</b> , 2, e000410	6	16
44	Optimized delivery system achieves enhanced endomyocardial stem cell retention. <i>Circulation: Cardiovascular Interventions</i> , <b>2013</b> , 6, 710-8	6	33
43	Stem Cell Therapy for Ischemic Heart Disease <b>2013</b> , 449-465		2
42	Ranolazine inhibits shear sensitivity of endogenous Na <sup>+</sup> current and spontaneous action potentials in HL-1 cells. <i>Channels</i> , <b>2012</b> , 6, 457-62	3	15
41	Developmental enhancement of adenylate kinase-AMPK metabolic signaling axis supports stem cell cardiac differentiation. <i>PLoS ONE</i> , <b>2011</b> , 6, e19300	3.7	47
40	Platelet lysate consisting of a natural repair proteome supports human mesenchymal stem cell proliferation and chromosomal stability. <i>Cell Transplantation</i> , <b>2011</b> , 20, 797-811	4	169
39	Transcriptional fingerprint of human whole blood at the site of coronary occlusion in acute myocardial infarction. <i>EuroIntervention</i> , <b>2011</b> , 7, 458-66	3.1	9
38	Stem Cell Based Cardioregeneration and Adipose Tissue <b>2011</b> , 141-154		
37	Guided cardiopoiesis enhances therapeutic benefit of bone marrow human mesenchymal stem cells in chronic myocardial infarction. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 56, 721-34	15.1	214
36	Decoded calreticulin-deficient embryonic stem cell transcriptome resolves latent cardiophenotype. <i>Stem Cells</i> , <b>2010</b> , 28, 1281-91	5.8	18
35	Cardiogenic induction of pluripotent stem cells streamlined through a conserved SDF-1/VEGF/BMP2 integrated network. <i>PLoS ONE</i> , <b>2010</b> , 5, e9943	3.7	20
34	Stem cells: clinical trials results the end of the beginning or the beginning of the end?. <i>Cardiovascular &amp; Hematological Disorders Drug Targets</i> , <b>2010</b> , 10, 186-201	1.1	11
33	Stem cell platforms for regenerative medicine. <i>Clinical and Translational Science</i> , <b>2009</b> , 2, 222-7	4.9	65
32	Stem cell transplant into preimplantation embryo yields myocardial infarction-resistant adult phenotype. <i>Stem Cells</i> , <b>2009</b> , 27, 1697-705	5.8	23



31	Lineage specification of Flk-1+ progenitors is associated with divergent Sox7 expression in cardiopoiesis. <i>Differentiation</i> , <b>2009</b> , 77, 248-55	3.5	23
30	Cardiac Cell Repair Therapy: A Clinical Perspective. <i>Mayo Clinic Proceedings</i> , <b>2009</b> , 84, 876-892	6.4	116
29	Cardiac cell repair therapy: a clinical perspective. <i>Mayo Clinic Proceedings</i> , <b>2009</b> , 84, 876-92	6.4	48
28	REGENERATIVE MEDICINE AND STEM CELL THERAPEUTICS <b>2009</b> , 1317-1331		1
27	Stem cells: biologics for regeneration. <i>Clinical Pharmacology and Therapeutics</i> , <b>2008</b> , 84, 620-3	6.1	33
26	Mesenchymal stem cells: engineering regeneration. <i>Clinical and Translational Science</i> , <b>2008</b> , 1, 34-5	4.9	9
25	Strategies for therapeutic repair: The "R(3)" regenerative medicine paradigm. <i>Clinical and Translational Science</i> , <b>2008</b> , 1, 168-171	4.9	51
24	Cardioinductive network guiding stem cell differentiation revealed by proteomic cartography of tumor necrosis factor alpha-primed endodermal secretome. <i>Stem Cells</i> , <b>2008</b> , 26, 387-400	5.8	62
23	Genomic chart guiding embryonic stem cell cardiopoiesis. <i>Genome Biology</i> , <b>2008</b> , 9, R6	18.3	59
22	Guided stem cell cardiopoiesis: discovery and translation. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2008</b> , 45, 523-9	5.8	65
21	Mesenchymal stem cells and cardiac repair: principles and practice. <i>Journal of Cardiovascular Translational Research</i> , <b>2008</b> , 1, 115-9	3.3	14
20	CXCR4+/FLK-1+ biomarkers select a cardiopoietic lineage from embryonic stem cells. <i>Stem Cells</i> , <b>2008</b> , 26, 1464-73	5.8	99
19	Embryonic stem cell therapy of heart failure in genetic cardiomyopathy. <i>Stem Cells</i> , <b>2008</b> , 26, 2644-53	5.8	63
18	Pharmacoproteomics: advancing the efficacy and safety of regenerative therapeutics. <i>Clinical Pharmacology and Therapeutics</i> , <b>2007</b> , 82, 316-9	6.1	23
17	Mitochondrial oxidative metabolism is required for the cardiac differentiation of stem cells. <i>Nature Clinical Practice Cardiovascular Medicine</i> , <b>2007</b> , 4 Suppl 1, S60-7		372
16	Cardioprotective repair through stem cell-based cardiopoiesis. <i>Journal of Applied Physiology</i> , <b>2007</b> , 103, 1438-40	3.7	15
15	Stem cells transform into a cardiac phenotype with remodeling of the nuclear transport machinery. <i>Nature Clinical Practice Cardiovascular Medicine</i> , <b>2007</b> , 4 Suppl 1, S68-76		51
14	Cardiopoietic programming of embryonic stem cells for tumor-free heart repair. <i>Journal of Experimental Medicine</i> , <b>2007</b> , 204, 405-20	16.6	209



13	KCNJ11 gene knockout of the Kir6.2 KATP channel causes maladaptive remodeling and heart failure in hypertension. <i>Human Molecular Genetics</i> , <b>2006</b> , 15, 2285-97	5.6	89
12	Derivation of a cardiopoietic population from human mesenchymal stem cells yields cardiac progeny. <i>Nature Clinical Practice Cardiovascular Medicine</i> , <b>2006</b> , 3 Suppl 1, S78-82		59
11	Oct-3/4 dose dependently regulates specification of embryonic stem cells toward a cardiac lineage and early heart development. <i>Developmental Cell</i> , <b>2006</b> , 11, 535-46	10.2	143
10	Protection conferred by myocardial ATP-sensitive K <sup>+</sup> channels in pressure overload-induced congestive heart failure revealed in KCNJ11 Kir6.2-null mutant. <i>Journal of Physiology</i> , <b>2006</b> , 577, 1053-63 <sup>3,9</sup>	3.9	94
9	Administration of allogenic stem cells dosed to secure cardiogenesis and sustained infarct repair. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1049, 189-98	6.5	29
8	Transgenic overexpression of human DMPK accumulates into hypertrophic cardiomyopathy, myotonic myopathy and hypotension traits of myotonic dystrophy. <i>Human Molecular Genetics</i> , <b>2004</b> , 13, 2505-18	5.6	53
7	ATP-sensitive K <sup>+</sup> channel knockout compromises the metabolic benefit of exercise training, resulting in cardiac deficits. <i>Diabetes</i> , <b>2004</b> , 53 Suppl 3, S169-75	0.9	85
6	Stable benefit of embryonic stem cell therapy in myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2004</b> , 287, H471-9	5.2	190
5	Commitment of embryonic stem cells toward a cardiac lineage: molecular mechanisms and evidence for a promising therapeutic approach for heart failure. <i>Journal of Muscle Research and Cell Motility</i> , <b>2003</b> , 24, 271-276	3.5	7
4	Structural adaptation of the nuclear pore complex in stem cell-derived cardiomyocytes. <i>Circulation Research</i> , <b>2003</b> , 92, 444-52	15.7	58
3	Commitment of embryonic stem cells toward a cardiac lineage: molecular mechanisms and evidence for a promising therapeutic approach for heart failure. <i>Journal of Muscle Research and Cell Motility</i> , <b>2003</b> , 24, 269-74	3.5	3
2	Stem cell differentiation requires a paracrine pathway in the heart. <i>FASEB Journal</i> , <b>2002</b> , 16, 1558-66	0.9	398
1	Regenerative Cardiac Pharmacology: Translating Stem Cell Biology into Therapeutic Solutions	252-269	