Alan W Heldman

List of Publications by Year
in descending order

76 papers	9,485 citations	101543 36 h-index	106344 65 g-index
85 all docs	85 docs citations	85 times ranked	8700 citing authors

#	Article	IF	Citations
1	Genetic determinants of responsiveness to mesenchymal stem cell injections in non-ischemic dilated cardiomyopathy. EBioMedicine, 2019, 48, 377-385.	6.1	20
2	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.	3.3	22
3	Allogeneic Human Mesenchymal Stem Cell Infusions for Aging Frailty. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1505-1512.	3.6	71
4	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.	3.6	107
5	Dose Comparison Study of Allogeneic Mesenchymal Stem Cells in Patients With Ischemic Cardiomyopathy (The TRIDENT Study). Circulation Research, 2017, 121, 1279-1290.	4.5	152
6	A Combination of Allogeneic Stem Cells Promotes Cardiac Regeneration. Journal of the American College of Cardiology, 2017, 70, 2504-2515.	2.8	76
7	Randomized Comparison of Allogeneic Versus Autologous Mesenchymal StemÂCells for Nonischemic DilatedÂCardiomyopathy. Journal of the American College of Cardiology, 2017, 69, 526-537.	2.8	297
8	Stem Cell Therapy in Heart Failure. , 2017, , 727-747.		1
9	Transient and persistent conduction abnormalities following transcatheter aortic valve replacement with the Edwards-Sapien prosthesis: a comparison between antegrade vs. retrograde approaches. Journal of Interventional Cardiac Electrophysiology, 2016, 47, 143-151.	1.3	6
10	Elective or Emergency Use of Mechanical Circulatory Support Devices During Transcatheter Aortic Valve Replacement. Journal of Interventional Cardiology, 2016, 29, 513-522.	1.2	33
11	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, 186-191.	3.3	109
12	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. Oncotarget, 2016, 7, 11899-11912.	1.8	37
13	Synergistic Effects of Combined Cell Therapy for Chronic Ischemic Cardiomyopathy. Journal of the American College of Cardiology, 2015, 66, 1990-1999.	2.8	133
14	The story of the lost needle: Foreign body embolization to the heart. Journal of Cardiology Cases, 2015, 11, 175-177.	0.5	9
15	Transfemoral Aortic Valve Replacement in Failing Aortic Root Homografts. Journal of Cardiac Surgery, 2014, 29, 333-336.	0.7	5
16	Does Transendocardial Injection of Mesenchymal Stem Cells Improve Myocardial Function Locally or Globally?. Circulation Research, 2014, 114, 1292-1301.	4.5	115
17	Rationale and Design of the Percutaneous Stem Cell Injection Delivery Effects on Neomyogenesis in Dilated Cardiomyopathy (The POSEIDON-DCM Study). Journal of Cardiovascular Translational Research, 2014, 7, 769-780.	2.4	41
18	Transendocardial Mesenchymal Stem Cells and Mononuclear Bone Marrow Cells for Ischemic Cardiomyopathy. JAMA - Journal of the American Medical Association, 2014, 311, 62.	7.4	471

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19	Autologous Mesenchymal Stem Cells Produce Concordant Improvements in Regional Function, Tissue Perfusion, and Fibrotic Burden When Administered to Patients Undergoing Coronary Artery Bypass Grafting. Circulation Research, 2014, 114, 1302-1310.	4.5	305
20	New-Onset Atrial Fibrillation After Aortic ValveÂReplacement. Journal of the American College of Cardiology, 2014, 63, 1510-1519.	2.8	80
21	Durable Scar Size Reduction Due to Allogeneic Mesenchymal Stem Cell Therapy Regulates Wholeâ€Chamber Remodeling. Journal of the American Heart Association, 2013, 2, e000140.	3.7	67
22	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, 213-223.	1.6	375
23	The Transaortic Approach for Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2013, 61, 2341-2345.	2.8	94
24	Use of Stem Cells for Ischemic Cardiomyopathyâ€"Reply. JAMA - Journal of the American Medical Association, 2013, 309, 1458.	7.4	2
25	Myocardial infarction and intramyocardial injection models in swine. Nature Protocols, 2012, 7, 1479-1496.	12.0	89
26	Comparison of Allogeneic vs Autologous Bone Marrowâ€"Derived Mesenchymal Stem Cells Delivered by Transendocardial Injection in Patients With Ischemic Cardiomyopathy. JAMA - Journal of the American Medical Association, 2012, 308, 2369.	7.4	1,017
27	TCT-865 Rotational Aortography With CT Reconstruction Can Guide Transcatheter Aortic Valve Replacement And Predict Prosthetic Regurgitation. Journal of the American College of Cardiology, 2012, 60, B250-B251.	2.8	0
28	Rationale and design of the Transendocardial Injection of Autologous Human Cells (bone marrow or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Myocardial Infarction (TAC-HFT) trial: A randomized, double-blind, placebo-controlled study of safety and efficacy. American Heart Journal, 2011, 161, 487-493.	2.7	127
29	Intramyocardial Stem Cell Injection in Patients With Ischemic Cardiomyopathy. Circulation Research, 2011, 108, 792-796.	4.5	286
30	Multidetector Computerized Tomography Can Guide and Document Alcohol Septal Ablation in Hypertrophic Obstructive Cardiomyopathy. Circulation, 2011, 123, e5-7.	1.6	10
31	Bone Marrow Mesenchymal Stem Cells Stimulate Cardiac Stem Cell Proliferation and Differentiation. Circulation Research, 2010, 107, 913-922.	4.5	659
32	Side Balloon Stenting of the Left Main Bifurcation: A Three-Year Angiographic Follow-Up. Journal of Interventional Cardiology, 2009, 22, 547-549.	1.2	0
33	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, 14022-14027.	7.1	529
34	Adherence to Appropriateness Criteria for Transthoracic Echocardiography: Comparisons Between a Regional Department of Veterans Affairs Health Care System and Academic Practice and Between Physicians and Mid-Level Providers. Journal of the American Society of Echocardiography, 2009, 22, 793-799.	2.8	36
35	Therapies Targeted at Preserving Microvascular Integrity and Preventing Reperfusion Injury. , 2009, , 135-167.		0
36	Cell Therapy in Acute Myocardial Infarction. , 2009, , 195-203.		0

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37	Cell therapy for myocardial infarction: Special delivery. Journal of Molecular and Cellular Cardiology, 2008, 44, 473-476.	1.9	24
38	Early improvement in cardiac tissue perfusion due to mesenchymal stem cells. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H2002-H2011.	3.2	152
39	Randomized trial of hormone therapy in women after coronary bypass surgery. Atherosclerosis, 2006, 189, 375-386.	0.8	29
40	Multimodality Noninvasive Imaging Demonstrates In Vivo Cardiac Regeneration After Mesenchymal Stem Cell Therapy. Journal of the American College of Cardiology, 2006, 48, 2116-2124.	2.8	157
41	Allogeneic Mesenchymal Stem Cells Improve Vessel Maturation and Reduce Apoptosis in Regions of Ischemically Damaged Myocardium. Journal of Cardiac Failure, 2006, 12, S9.	1.7	0
42	Cell Tracking Following the Intramyocardial Injection of Mesenchymal Cells after Myocardial Infarction. Journal of Cardiac Failure, 2006, 12, S18.	1.7	0
43	Resuscitation and recovery from acute right ventricular failure using a percutaneous right ventricular assist device. Catheterization and Cardiovascular Interventions, 2006, 68, 78-82.	1.7	54
44	Cardiac repair with intramyocardial injection of allogeneic mesenchymal stem cells after myocardial infarction. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 11474-11479.	7.1	1,008
45	Inhibitory G Protein Overexpression Provides Physiologically Relevant Heart Rate Control in Persistent Atrial Fibrillation. Circulation, 2004, 110, 3115-3120.	1.6	80
46	Inhibition of Restenosis With a Paclitaxel-Eluting, Polymer-Free Coronary Stent. Circulation, 2004, 109, 487-493.	1.6	225
47	Prospective evaluation of the relationship between plateletâ€"leukocyte conjugate formation and recurrent myocardial ischemia in patients with acute coronary syndromes. Platelets, 2004, 15, 9-14.	2.3	25
48	In Vivo Magnetic Resonance Imaging of Mesenchymal Stem Cells in Myocardial Infarction. Circulation, 2003, 107, 2290-2293.	1.6	696
49	ST-Segment Elevation in an Unresponsive Patient. Circulation, 2003, 108, e165-6.	1.6	8
50	Single-Vessel Coronary Artery Stenosis: Myocardial Perfusion Imaging with Gadomer-17 First-Pass MR Imaging in a Swine Model of Comparison with Gadopentetate Dimeglumine. Radiology, 2002, 225, 104-112.	7.3	39
51	MRI detection of myocardial perfusion defects due to coronary artery stenosis with MS-325. Journal of Magnetic Resonance Imaging, 2002, 15, 149-158.	3.4	38
52	Distal Occluder and Rheolytic Thrombectomy of a Saphenous Vein Graft Lesion with a Large Associated Thrombus. Journal of Interventional Cardiology, 2002, 15, 309-312.	1.2	3
53	Coronary perforation: Angioplasty out of control. Catheterization and Cardiovascular Interventions, 2001, 52, 287-288.	1.7	0
54	The messenger and the message: Preventing restenosis. Catheterization and Cardiovascular Interventions, 2001, 53, 569-570.	1.7	0

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55	Microvascular Obstruction After Nonsurgical Septal Reduction for the Treatment of Hypertrophic Cardiomyopathy. Circulation, 2001, 104, 1868-1868.	1.6	9
56	Paclitaxel Stent Coating Inhibits Neointimal Hyperplasia at 4 Weeks in a Porcine Model of Coronary Restenosis. Circulation, 2001, 103, 2289-2295.	1.6	401
57	Resurrection or benevolent epitaph?. Catheterization and Cardiovascular Interventions, 2000, 49, 127-129.	1.7	0
58	The dark side(s) of the force. Catheterization and Cardiovascular Interventions, 2000, 50, 109-111.	1.7	0
59	Direct stenting: Is the future near?. Catheterization and Cardiovascular Interventions, 2000, 50, 382-383.	1.7	0
60	Focal modification of electrical conduction in the heart by viral gene transfer. Nature Medicine, 2000, 6, 1395-1398.	30.7	197
61	Real-time Projection MR Angiography: Feasibility Study. Radiology, 2000, 217, 290-295.	7.3	59
62	A Minimally Invasive Method for Creating Coronary Stenosis in a Swine Model for MRI and SPECT Imaging. Investigative Radiology, 2000, 35, 445-451.	6.2	30
63	Transesophageal magnetic resonance imaging. Magnetic Resonance in Medicine, 1999, 41, 722-726.	3.0	38
64	Good vibrations. Catheterization and Cardiovascular Interventions, 1999, 46, 105-106.	1.7	0
65	The right stuff (to the right place, at the right dose . . .). Catheterization and Cardiovascular Interventions, 1999, 47, 107-108.	1.7	1
66	Stenting small coronaries: Size does matter. Catheterization and Cardiovascular Interventions, 1999, 47, 277-278.	1.7	2
67	Yes reflow. Catheterization and Cardiovascular Interventions, 1999, 47, 404-405.	1.7	0
68	Restenting: Should we add a vest to the metal jacket?. Catheterization and Cardiovascular Interventions, 1999, 48, 149-150.	1.7	2
69	Needling the heart. Catheterization and Cardiovascular Interventions, 1999, 48, 454-455.	1.7	7
70	Methylation of the estrogen receptor gene is associated with aging and atherosclerosis in the cardiovascular system. Cardiovascular Research, 1999, 43, 985-991.	3.8	432
71	Acute effects of conjugated estrogens on coronary blood flow response to acetylcholine in men. American Journal of Cardiology, 1997, 80, 1021-1024.	1.6	69
72	Oral antibiotic treatment of right-sided staphylococcal endocarditis in injection drug users: Prospective randomized comparison with parenteral therapy. American Journal of Medicine, 1996, 101, 68-76.	1.5	256

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73	EJ-Ras Inhibits Phospholipase C _{Î³1} but Not Actin Polymerization Induced by Platelet-Derived Growth Factor-BB via Phosphatidylinositol 3-Kinase. Circulation Research, 1996, 78, 312-321.	4.5	17
74	Actin Regulation and Surface Catalysis. Advances in Experimental Medicine and Biology, 1994, 358, 105-112.	1.6	3
75	Endothelial cell Ca2+ increases upon tumor cell contact and modulates cell-cell adhesion.. Journal of Clinical Investigation, 1993, 92, 3017-3022.	8.2	17
76	Drug Strategies for Angioplasty in Acute Myocardial Infarction. , 0, , 93-116.		0