

Alan W Heldman

List of Publications by Year in descending order

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76
papers

9,485
citations

101384

36
h-index

106150

65
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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. <i>EBioMedicine</i> , 2019, 48, 377-385.	2.7	20
2	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.	1.6	22
3	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.	1.7	71
4	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.	1.7	107
5	Dose Comparison Study of Allogeneic Mesenchymal Stem Cells in Patients With Ischemic Cardiomyopathy (The TRIDENT Study). <i>Circulation Research</i> , 2017, 121, 1279-1290.	2.0	152
6	A Combination of Allogeneic Stem Cells Promotes Cardiac Regeneration. <i>Journal of the American College of Cardiology</i> , 2017, 70, 2504-2515.	1.2	76
7	Randomized Comparison of Allogeneic Versus Autologous Mesenchymal Stem Cells for Nonischemic Dilated Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2017, 69, 526-537.	1.2	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. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2016, 47, 143-151.	0.6	6
10	Elective or Emergency Use of Mechanical Circulatory Support Devices During Transcatheter Aortic Valve Replacement. <i>Journal of Interventional Cardiology</i> , 2016, 29, 513-522.	0.5	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. <i>Stem Cells Translational Medicine</i> , 2016, 5, 186-191.	1.6	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. <i>Oncotarget</i> , 2016, 7, 11899-11912.	0.8	37
13	Synergistic Effects of Combined Cell Therapy for Chronic Ischemic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2015, 66, 1990-1999.	1.2	133
14	The story of the lost needle: Foreign body embolization to the heart. <i>Journal of Cardiology Cases</i> , 2015, 11, 175-177.	0.2	9
15	Transfemoral Aortic Valve Replacement in Failing Aortic Root Homografts. <i>Journal of Cardiac Surgery</i> , 2014, 29, 333-336.	0.3	5
16	Does Transendocardial Injection of Mesenchymal Stem Cells Improve Myocardial Function Locally or Globally?. <i>Circulation Research</i> , 2014, 114, 1292-1301.	2.0	115
17	Rationale and Design of the Percutaneous Stem Cell Injection Delivery Effects on Neomyogenesis in Dilated Cardiomyopathy (The POSEIDON-DCM Study). <i>Journal of Cardiovascular Translational Research</i> , 2014, 7, 769-780.	1.1	41
18	Transendocardial Mesenchymal Stem Cells and Mononuclear Bone Marrow Cells for Ischemic Cardiomyopathy. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 62.	3.8	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. <i>Circulation Research</i> , 2014, 114, 1302-1310.	2.0	305
20	New-Onset Atrial Fibrillation After Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1510-1519.	1.2	80
21	Durable Scar Size Reduction Due to Allogeneic Mesenchymal Stem Cell Therapy Regulates Whole-Chamber Remodeling. <i>Journal of the American Heart Association</i> , 2013, 2, e000140.	1.6	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. <i>Circulation</i> , 2013, 127, 213-223.	1.6	375
23	The Transaortic Approach for Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2013, 61, 2341-2345.	1.2	94
24	Use of Stem Cells for Ischemic Cardiomyopathy—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2013, 309, 1458.	3.8	2
25	Myocardial infarction and intramyocardial injection models in swine. <i>Nature Protocols</i> , 2012, 7, 1479-1496.	5.5	89
26	Comparison of Allogeneic vs Autologous Bone Marrow-Derived Mesenchymal Stem Cells Delivered by Transendocardial Injection in Patients With Ischemic Cardiomyopathy. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 2369.	3.8	1,017
27	TCT-865 Rotational Aortography With CT Reconstruction Can Guide Transcatheter Aortic Valve Replacement And Predict Prosthetic Regurgitation. <i>Journal of the American College of Cardiology</i> , 2012, 60, B250-B251.	1.2	0
28	Rationale and design of the Transendocardial Injection of Autologous Human Cells (bone marrow or Tj ETQq0 0 0 rgBT /Overlock 10 Tf s Myocardial Infarction (TAC-HFT) trial: A randomized, double-blind, placebo-controlled study of safety and efficacy. <i>American Heart Journal</i> , 2011, 161, 487-493.	1.2	127
29	Intramyocardial Stem Cell Injection in Patients With Ischemic Cardiomyopathy. <i>Circulation Research</i> , 2011, 108, 792-796.	2.0	286
30	Multidetector Computerized Tomography Can Guide and Document Alcohol Septal Ablation in Hypertrophic Obstructive Cardiomyopathy. <i>Circulation</i> , 2011, 123, e5-7.	1.6	10
31	Bone Marrow Mesenchymal Stem Cells Stimulate Cardiac Stem Cell Proliferation and Differentiation. <i>Circulation Research</i> , 2010, 107, 913-922.	2.0	659
32	Side Balloon Stenting of the Left Main Bifurcation: A Three-Year Angiographic Follow-Up. <i>Journal of Interventional Cardiology</i> , 2009, 22, 547-549.	0.5	0
33	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, 14022-14027.	3.3	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. <i>Journal of the American Society of Echocardiography</i> , 2009, 22, 793-799.	1.2	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. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 44, 473-476.	0.9	24
38	Early improvement in cardiac tissue perfusion due to mesenchymal stem cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H2002-H2011.	1.5	152
39	Randomized trial of hormone therapy in women after coronary bypass surgery. <i>Atherosclerosis</i> , 2006, 189, 375-386.	0.4	29
40	Multimodality Noninvasive Imaging Demonstrates In Vivo Cardiac Regeneration After Mesenchymal Stem Cell Therapy. <i>Journal of the American College of Cardiology</i> , 2006, 48, 2116-2124.	1.2	157
41	Allogeneic Mesenchymal Stem Cells Improve Vessel Maturation and Reduce Apoptosis in Regions of Ischemically Damaged Myocardium. <i>Journal of Cardiac Failure</i> , 2006, 12, S9.	0.7	0
42	Cell Tracking Following the Intramyocardial Injection of Mesenchymal Cells after Myocardial Infarction. <i>Journal of Cardiac Failure</i> , 2006, 12, S18.	0.7	0
43	Resuscitation and recovery from acute right ventricular failure using a percutaneous right ventricular assist device. <i>Catheterization and Cardiovascular Interventions</i> , 2006, 68, 78-82.	0.7	54
44	Cardiac repair with intramyocardial injection of allogeneic mesenchymal stem cells after myocardial infarction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 11474-11479.	3.3	1,008
45	Inhibitory G Protein Overexpression Provides Physiologically Relevant Heart Rate Control in Persistent Atrial Fibrillation. <i>Circulation</i> , 2004, 110, 3115-3120.	1.6	80
46	Inhibition of Restenosis With a Paclitaxel-Eluting, Polymer-Free Coronary Stent. <i>Circulation</i> , 2004, 109, 487-493.	1.6	225
47	Prospective evaluation of the relationship between platelet-leukocyte conjugate formation and recurrent myocardial ischemia in patients with acute coronary syndromes. <i>Platelets</i> , 2004, 15, 9-14.	1.1	25
48	In Vivo Magnetic Resonance Imaging of Mesenchymal Stem Cells in Myocardial Infarction. <i>Circulation</i> , 2003, 107, 2290-2293.	1.6	696
49	ST-Segment Elevation in an Unresponsive Patient. <i>Circulation</i> , 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. <i>Radiology</i> , 2002, 225, 104-112.	3.6	39
51	MRI detection of myocardial perfusion defects due to coronary artery stenosis with MS-325. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 15, 149-158.	1.9	38
52	Distal Occluder and Rheolytic Thrombectomy of a Saphenous Vein Graft Lesion with a Large Associated Thrombus. <i>Journal of Interventional Cardiology</i> , 2002, 15, 309-312.	0.5	3
53	Coronary perforation: Angioplasty out of control. <i>Catheterization and Cardiovascular Interventions</i> , 2001, 52, 287-288.	0.7	0
54	The messenger and the message: Preventing restenosis. <i>Catheterization and Cardiovascular Interventions</i> , 2001, 53, 569-570.	0.7	0

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55	Microvascular Obstruction After Nonsurgical Septal Reduction for the Treatment of Hypertrophic Cardiomyopathy. <i>Circulation</i> , 2001, 104, 1868-1868.	1.6	9
56	Paclitaxel Stent Coating Inhibits Neointimal Hyperplasia at 4 Weeks in a Porcine Model of Coronary Restenosis. <i>Circulation</i> , 2001, 103, 2289-2295.	1.6	401
57	Resurrection or benevolent epitaph?. <i>Catheterization and Cardiovascular Interventions</i> , 2000, 49, 127-129.	0.7	0
58	The dark side(s) of the force. <i>Catheterization and Cardiovascular Interventions</i> , 2000, 50, 109-111.	0.7	0
59	Direct stenting: Is the future near?. <i>Catheterization and Cardiovascular Interventions</i> , 2000, 50, 382-383.	0.7	0
60	Focal modification of electrical conduction in the heart by viral gene transfer. <i>Nature Medicine</i> , 2000, 6, 1395-1398.	15.2	197
61	Real-time Projection MR Angiography: Feasibility Study. <i>Radiology</i> , 2000, 217, 290-295.	3.6	59
62	A Minimally Invasive Method for Creating Coronary Stenosis in a Swine Model for MRI and SPECT Imaging. <i>Investigative Radiology</i> , 2000, 35, 445-451.	3.5	30
63	Transesophageal magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 722-726.	1.9	38
64	Good vibrations. <i>Catheterization and Cardiovascular Interventions</i> , 1999, 46, 105-106.	0.7	0
65	The right stuff (to the right place, at the right dose . . .). <i>Catheterization and Cardiovascular Interventions</i> , 1999, 47, 107-108.	0.7	1
66	Stenting small coronaries: Size does matter. <i>Catheterization and Cardiovascular Interventions</i> , 1999, 47, 277-278.	0.7	2
67	Yes reflow. <i>Catheterization and Cardiovascular Interventions</i> , 1999, 47, 404-405.	0.7	0
68	Restenting: Should we add a vest to the metal jacket?. <i>Catheterization and Cardiovascular Interventions</i> , 1999, 48, 149-150.	0.7	2
69	Needling the heart. <i>Catheterization and Cardiovascular Interventions</i> , 1999, 48, 454-455.	0.7	7
70	Methylation of the estrogen receptor gene is associated with aging and atherosclerosis in the cardiovascular system. <i>Cardiovascular Research</i> , 1999, 43, 985-991.	1.8	432
71	Acute effects of conjugated estrogens on coronary blood flow response to acetylcholine in men. <i>American Journal of Cardiology</i> , 1997, 80, 1021-1024.	0.7	69
72	Oral antibiotic treatment of right-sided staphylococcal endocarditis in injection drug users: Prospective randomized comparison with parenteral therapy. <i>American Journal of Medicine</i> , 1996, 101, 68-76.	0.6	256

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73	EJ-Ras Inhibits Phospholipase C $\hat{1}$ but Not Actin Polymerization Induced by Platelet-Derived Growth Factor-BB via Phosphatidylinositol 3-Kinase. <i>Circulation Research</i> , 1996, 78, 312-321.	2.0	17
74	Actin Regulation and Surface Catalysis. <i>Advances in Experimental Medicine and Biology</i> , 1994, 358, 105-112.	0.8	3
75	Endothelial cell Ca ²⁺ increases upon tumor cell contact and modulates cell-cell adhesion.. <i>Journal of Clinical Investigation</i> , 1993, 92, 3017-3022.	3.9	17
76	Drug Strategies for Angioplasty in Acute Myocardial Infarction. , 0, , 93-116.		0