

# Reza Ardehali

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

3,155  
citations

257450

24  
h-index

206112

48  
g-index

85  
all docs

85  
docs citations

85  
times ranked

5705  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and characterization of human embryonic stem cell-derived heart field-specific cardiomyocytes unravels new insights into their transcriptional and electrophysiological profiles. <i>Cardiovascular Research</i> , 2022, 118, 828-843.	3.8	14
2	Environmental factors influence somatic cell reprogramming to cardiomyocyte-like cells. <i>Seminars in Cell and Developmental Biology</i> , 2022, 122, 44-49.	5.0	8
3	Direct cardiac reprogramming: A new frontier in heart regeneration. <i>Seminars in Cell and Developmental Biology</i> , 2022, 122, 1-2.	5.0	0
4	Aortic intimal resident macrophages are essential for maintenance of the non-thrombogenic intravascular state. , 2022, 1, 67-84.		17
5	Recent Advances in Designing Electroconductive Biomaterials for Cardiac Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200055.	7.6	28
6	Immunoengineering strategies to enhance vascularization and tissue regeneration. <i>Advanced Drug Delivery Reviews</i> , 2022, 184, 114233.	13.7	18
7	Mapping human haematopoietic stem cells from haemogenic endothelium to birth. <i>Nature</i> , 2022, 604, 534-540.	27.8	88
8	In Vitro Generation of Heart Field Specific Cardiomyocytes. <i>Methods in Molecular Biology</i> , 2022, 2429, 257-267.	0.9	2
9	Clonal Tracing of Heart Regeneration. <i>Journal of Cardiovascular Development and Disease</i> , 2022, 9, 141.	1.6	0
10	Small extracellular vesicles containing miR-486-5p promote angiogenesis after myocardial infarction in mice and nonhuman primates. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	87
11	Validity of echocardiography for detection of left ventricular thrombus with surgical validation in patients awaiting durable left ventricular assist device. <i>Journal of Cardiac Surgery</i> , 2021, 36, 2722-2728.	0.7	1
12	Heart and Brain Pericytes Exhibit a Pro-Fibrotic Response After Vascular Injury. <i>Circulation Research</i> , 2021, 129, e141-e143.	4.5	15
13	Cell proliferation fate mapping reveals regional cardiomyocyte cell-cycle activity in subendocardial muscle of left ventricle. <i>Nature Communications</i> , 2021, 12, 5784.	12.8	33
14	In Vivo Clonal Analysis of Cardiomyocytes. <i>Methods in Molecular Biology</i> , 2021, 2158, 243-256.	0.9	2
15	Transcriptional, Electrophysiological, and Metabolic Characterizations of hESC-Derived First and Second Heart Fields Demonstrate a Potential Role of TBX5 in Cardiomyocyte Maturation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 787684.	3.7	5
16	Relapsing Polychondritis Requiring Orthotopic Heart Transplant Despite Coronary Artery Bypass and SurgicalAAortic Valve Replacement. <i>JACC: Case Reports</i> , 2020, 2, 1527-1531.	0.6	2
17	Heart Regeneration by Endogenous Stem Cells and Cardiomyocyte Proliferation. <i>Circulation</i> , 2020, 142, 275-291.	1.6	88
18	Angiotensin Converting Enzyme Inhibitor and Angiotensin II Receptor Blocker Use Among Outpatients Diagnosed With COVID-19. <i>American Journal of Cardiology</i> , 2020, 132, 150-157.	1.6	18

#	ARTICLE	IF	CITATIONS
19	Heart transplantation in the early phase of the COVID-19 pandemic: A single-center case series. <i>Clinical Transplantation</i> , 2020, 34, e14042.	1.6	4
20	Cardiac Fibrosis Is Associated With Decreased Circulating Levels of Full-Length CILP in Heart Failure. <i>JACC Basic To Translational Science</i> , 2020, 5, 432-443.	4.1	25
21	Discovery of non-HLA antibodies associated with cardiac allograft rejection and development and validation of a non-HLA antigen multiplex panel: From bench to bedside. <i>American Journal of Transplantation</i> , 2020, 20, 2768-2780.	4.7	26
22	Cardiovascular toxicities associated with immune checkpoint inhibitors. <i>Cardiovascular Research</i> , 2019, 115, 854-868.	3.8	311
23	Electrically conductive nanomaterials for cardiac tissue engineering. <i>Advanced Drug Delivery Reviews</i> , 2019, 144, 162-179.	13.7	137
24	Harnessing the versatility of PLGA nanoparticles for targeted Cre-mediated recombination. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 19, 106-114.	3.3	6
25	Cardiac fibrosis: potential therapeutic targets. <i>Translational Research</i> , 2019, 209, 121-137.	5.0	118
26	Analysis of cardiomyocyte clonal expansion during mouse heart development and injury. <i>Nature Communications</i> , 2018, 9, 754.	12.8	94
27	Light-Sheet Imaging to Elucidate Cardiovascular Injury and Repair. <i>Current Cardiology Reports</i> , 2018, 20, 35.	2.9	21
28	Sendai virus based direct cardiac reprogramming: what lies ahead?. <i>Stem Cell Investigation</i> , 2018, 5, 37-37.	3.0	3
29	Direct Cardiac Reprogramming: Progress and Promise. <i>Stem Cells International</i> , 2018, 2018, 1-10.	2.5	19
30	Genetic Regulation of Fibroblast Activation and Proliferation in Cardiac Fibrosis. <i>Circulation</i> , 2018, 138, 1224-1235.	1.6	56
31	Endothelial Regeneration of Large Vessels Is a Biphasic Process Driven by Local Cells with Distinct Proliferative Capacities. <i>Cell Stem Cell</i> , 2018, 23, 210-225.e6.	11.1	147
32	Cardiac manifestations of PRKAG2 mutation. <i>BMC Medical Genetics</i> , 2018, 19, 1.	2.1	54
33	Clinical phenomapping and outcomes after heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 956-966.	0.6	10
34	Multiscale light-sheet for rapid imaging of cardiopulmonary system. <i>JCI Insight</i> , 2018, 3, .	5.0	36
35	Generation of Nkx2-5/CreER transgenic mice for inducible Cre expression in developing hearts. <i>Genesis</i> , 2017, 55, e23041.	1.6	2
36	Biomarkers of Human Pluripotent Stem Cell-Derived Cardiac Lineages. <i>Trends in Molecular Medicine</i> , 2017, 23, 651-668.	6.7	21

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37	Human Embryonic Stem Cells Do Not Change Their X Inactivation Status during Differentiation. Cell Reports, 2017, 18, 54-67.	6.4	100
38	Cardiac Light-Sheet Fluorescent Microscopy for Multi-Scale and Rapid Imaging of Architecture and Function. Scientific Reports, 2016, 6, 22489.	3.3	64
39	CD13 and ROR2 Permit Isolation of Highly Enriched Cardiac Mesoderm from Differentiating Human Embryonic Stem Cells. Stem Cell Reports, 2016, 6, 95-108.	4.8	30
40	Magnetic Resonance Imaging of Iron Oxide-Labeled Human Embryonic Stem Cell-Derived Cardiac Progenitors. Stem Cells Translational Medicine, 2016, 5, 67-74.	3.3	23
41	Arrhythmia in Stem Cell Transplantation. Cardiac Electrophysiology Clinics, 2015, 7, 357-370.	1.7	40
42	Translational aspects of cardiac cell therapy. Journal of Cellular and Molecular Medicine, 2015, 19, 1757-1772.	3.6	24
43	Insights Into Aortic Sclerosis and Its Relationship With Coronary Artery Disease. Journal of the American Heart Association, 2014, 3, e001111.	3.7	43
44	SIRPA, VCAM1 and CD34 identify discrete lineages during early human cardiovascular development. Stem Cell Research, 2014, 13, 172-179.	0.7	63
45	Developmental Heterogeneity of Cardiac Fibroblasts Does Not Predict Pathological Proliferation and Activation. Circulation Research, 2014, 115, 625-635.	4.5	258
46	Existing cardiomyocytes generate cardiomyocytes at a low rate after birth in mice. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8850-8855.	7.1	219
47	Prospective isolation of human embryonic stem cell-derived cardiovascular progenitors that integrate into human fetal heart tissue. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3405-3410.	7.1	57
48	Endogenous Wnt signalling in human embryonic stem cells generates an equilibrium of distinct lineage-specified progenitors. Nature Communications, 2012, 3, 1070.	12.8	171
49	Isolation of primitive endoderm, mesoderm, vascular endothelial and trophoblast progenitors from human pluripotent stem cells. Nature Biotechnology, 2012, 30, 531-542.	17.5	102
50	The effect of angiotensin-converting enzyme inhibitors and statins on the progression of aortic sclerosis and mortality. Journal of Heart Valve Disease, 2012, 21, 337-43.	0.5	20
51	An antibody against SSEA-5 glycan on human pluripotent stem cells enables removal of teratoma-forming cells. Nature Biotechnology, 2011, 29, 829-834.	17.5	357
52	Overexpression of BCL2 enhances survival of human embryonic stem cells during stress and obviates the requirement for serum factors. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3282-3287.	7.1	60
53	Response to Letter Regarding Article, "Statin Use in Patients With Extremely Low Low-Density Lipoprotein Levels Is Associated With Improved Survival": Circulation, 2008, 117, .	1.6	0
54	Bradycardia. , 0, , 204-211.		0

#	ARTICLE	IF	CITATIONS
55	Pacemakers and ICD Troubleshooting. , 0, , 360-369.		0
56	EKG Interpretation. , 0, , 272-282.		0