

Anthony Rosenzweig

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.

71
papers

9,346
citations

36
h-index

87
g-index

87
ext. papers

10,552
ext. citations

14.1
avg, IF

5.48
L-index

#	Paper	IF	Citations
71	Plasma Proteomics of COVID-19 Associated Cardiovascular Complications: Implications for Pathophysiology and Therapeutics 2021 ,		1
70	Serum Proteomics of Older Patients Undergoing Major Cardiac Surgery: Identification of Biomarkers Associated With Postoperative Delirium. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 699763	5.3	2
69	Ketone bodies for the failing heart: fuels that can fix the engine?. <i>Trends in Endocrinology and Metabolism</i> , 2021 , 32, 814-826	8.8	4
68	CITED4 Protects Against Adverse Remodeling in Response to Physiological and Pathological Stress. <i>Circulation Research</i> , 2020 , 127, 631-646	15.7	9
67	Susceptibility to Cardiac Arrhythmias and Sympathetic Nerve Growth in VEGF-B Overexpressing Myocardium. <i>Molecular Therapy</i> , 2020 , 28, 1731-1740	11.7	10
66	Targeting Age-Related Pathways in Heart Failure. <i>Circulation Research</i> , 2020 , 126, 533-551	15.7	36
65	Exercise training reverses cardiac aging phenotypes associated with heart failure with preserved ejection fraction in male mice. <i>Aging Cell</i> , 2020 , 19, e13159	9.9	16
64	An expanded repertoire of intensity-dependent exercise-responsive plasma proteins tied to loci of human disease risk. <i>Scientific Reports</i> , 2020 , 10, 10831	4.9	7
63	Patient and Provider Risk in Managing ST-Elevation Myocardial Infarction During the COVID-19 Pandemic: A Decision Analysis. <i>Circulation: Cardiovascular Interventions</i> , 2020 , 13, e010027	6	2
62	Activin type II receptor signaling in cardiac aging and heart failure. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	43
61	Cardiac macrophages promote diastolic dysfunction. <i>Journal of Experimental Medicine</i> , 2018 , 215, 423-440	16.6	182
60	MicroRNAs Associated With Reverse Left Ventricular Remodeling in Humans Identify Pathways of Heart Failure Progression. <i>Circulation: Heart Failure</i> , 2018 , 11, e004278	7.6	20
59	Exercise induces new cardiomyocyte generation in the adult mammalian heart. <i>Nature Communications</i> , 2018 , 9, 1659	17.4	83
58	Associations of Circulating Extracellular RNAs With Myocardial Remodeling and Heart Failure. <i>JAMA Cardiology</i> , 2018 , 3, 871-876	16.2	22
57	Plasma Circulating Extracellular RNAs in Left Ventricular Remodeling Post-Myocardial Infarction. <i>EBioMedicine</i> , 2018 , 32, 172-181	8.8	31
56	DDIT4L promotes autophagy and inhibits pathological cardiac hypertrophy in response to stress. <i>Science Signaling</i> , 2017 , 10,	8.8	20
55	Why Don't We Have Proven Treatments for HFpEF?. <i>Circulation Research</i> , 2017 , 120, 1243-1245	15.7	62

54	The Role of MicroRNAs in the Cardiac Response to Exercise. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2017 , 7,	5.4	8
53	Inhibition of serum and glucocorticoid regulated kinase-1 as novel therapy for cardiac arrhythmia disorders. <i>Scientific Reports</i> , 2017 , 7, 346	4.9	14
52	PDK4 Inhibits Cardiac Pyruvate Oxidation in Late Pregnancy. <i>Circulation Research</i> , 2017 , 121, 1370-1378	15.7	17
51	Size matters: Finding growth pathways that protect the heart. <i>Cell Research</i> , 2017 , 27, 1187-1188	24.7	2
50	miR-17-3p Contributes to Exercise-Induced Cardiac Growth and Protects against Myocardial Ischemia-Reperfusion Injury. <i>Theranostics</i> , 2017 , 7, 664-676	12.1	129
49	S100A6 Regulates Endothelial Cell Cycle Progression by Attenuating Antiproliferative Signal Transducers and Activators of Transcription 1 Signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 1854-67	9.4	10
48	The Role of Exercise in Cardiac Aging: From Physiology to Molecular Mechanisms. <i>Circulation Research</i> , 2016 , 118, 279-95	15.7	69
47	CITED4 induces physiologic hypertrophy and promotes functional recovery after ischemic injury. <i>JCI Insight</i> , 2016 , 1,	9.9	45
46	Response to Letter Regarding Article, "Circulating MicroRNA-30d Is Associated With Response to Cardiac Resynchronization Therapy in Heart Failure and Regulates Cardiomyocyte Apoptosis: A Translational Pilot Study". <i>Circulation</i> , 2016 , 133, e389-e390	16.7	0
45	miR-222 is necessary for exercise-induced cardiac growth and protects against pathological cardiac remodeling. <i>Cell Metabolism</i> , 2015 , 21, 584-95	24.6	220
44	Cardiomyocyte Cell-Cycle Activity during Preadolescence. <i>Cell</i> , 2015 , 163, 781-2	56.2	50
43	Circulating MicroRNA-30d Is Associated With Response to Cardiac Resynchronization Therapy in Heart Failure and Regulates Cardiomyocyte Apoptosis: A Translational Pilot Study. <i>Circulation</i> , 2015 , 131, 2202-2216	16.7	100
42	What do we know about the cardiac benefits of exercise?. <i>Trends in Cardiovascular Medicine</i> , 2015 , 25, 529-36	6.9	36
41	Using exercise to measure and modify cardiac function. <i>Cell Metabolism</i> , 2015 , 21, 227-236	24.6	28
40	Three-dimensional myocardial scarring along myofibers after coronary ischemia-reperfusion revealed by computerized images of histological assays. <i>Physiological Reports</i> , 2014 , 2, e12072	2.6	3
39	Adipose tissue mitochondrial dysfunction triggers a lipodystrophic syndrome with insulin resistance, hepatosteatosis, and cardiovascular complications. <i>FASEB Journal</i> , 2014 , 28, 4408-19	0.9	95
38	Mechanisms of exercise-induced cardiac growth. <i>Drug Discovery Today</i> , 2014 , 19, 1003-9	8.8	21
37	Phenotypic screen quantifying differential regulation of cardiac myocyte hypertrophy identifies CITED4 regulation of myocyte elongation. <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 72, 74-84	5.8	30

36	Human endothelial colony forming cells and mesenchymal progenitor cells form functional blood vessels and improve rat cardiac function after ischemia/reperfusion injury. <i>FASEB Journal</i> , 2013 , 27, 1194-9	0.9	
35	Medicine. Cardiac regeneration. <i>Science</i> , 2012 , 338, 1549-50	33.3	27
34	Can exercise teach us how to treat heart disease?. <i>Circulation</i> , 2012 , 126, 2625-35	16.7	71
33	Pathological role of serum- and glucocorticoid-regulated kinase 1 in adverse ventricular remodeling. <i>Circulation</i> , 2012 , 126, 2208-19	16.7	64
32	A Novel Transgenic Mouse Model of Cardiac Hypertrophy and Atrial Fibrillation. <i>Journal of Atrial Fibrillation</i> , 2012 , 4, 415	0.8	15
31	Regulation of the mPTP by SIRT3-mediated deacetylation of CypD at lysine 166 suppresses age-related cardiac hypertrophy. <i>Aging</i> , 2010 , 2, 914-23	5.6	397
30	C/EBP β controls exercise-induced cardiac growth and protects against pathological cardiac remodeling. <i>Cell</i> , 2010 , 143, 1072-83	56.2	289
29	Kruppel-Like Factor 10 (KLF10)-Deficient Mice Have Marked Defects In EPC Differentiation, Function, and Angiogenesis. <i>Blood</i> , 2010 , 116, 4314-4314	2.2	
28	Molecular MRI detects low levels of cardiomyocyte apoptosis in a transgenic model of chronic heart failure. <i>Circulation: Cardiovascular Imaging</i> , 2009 , 2, 468-75	3.9	48
27	Effects of myostatin deletion in aging mice. <i>Aging Cell</i> , 2009 , 8, 573-83	9.9	87
26	HIF-independent regulation of VEGF and angiogenesis by the transcriptional coactivator PGC-1 α . <i>Nature</i> , 2008 , 451, 1008-12	50.4	808
25	Delivery Systems for Gene Therapy. <i>Current Protocols in Human Genetics</i> , 2008 , 56, 13.0.1	3.2	
24	Nutrient-sensitive mitochondrial NAD ⁺ levels dictate cell survival. <i>Cell</i> , 2007 , 130, 1095-107	56.2	754
23	Myostatin regulates cardiomyocyte growth through modulation of Akt signaling. <i>Circulation Research</i> , 2006 , 99, 15-24	15.7	127
22	Transverse aortic constriction leads to accelerated heart failure in mice lacking PPAR-gamma coactivator 1 α . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 10086-91	11.5	298
21	Cardiotoxicity of the cancer therapeutic agent imatinib mesylate. <i>Nature Medicine</i> , 2006 , 12, 908-16	50.5	920
20	Gene Therapy for Heart Failure. <i>Fundamental and Clinical Cardiology</i> , 2006 , 573-588		
19	Role of apoptosis in heart failure. <i>Heart Failure Clinics</i> , 2005 , 1, 251-61	3.3	20

18	Transcriptional coactivator PGC-1 alpha controls the energy state and contractile function of cardiac muscle. <i>Cell Metabolism</i> , 2005 , 1, 259-71	24.6	532
17	Targeting survival signaling in heart failure. <i>Current Opinion in Pharmacology</i> , 2005 , 5, 165-70	5.1	24
16	Cardiac-Specific Gene Expression Facilitated by an Enhanced Myosin Light Chain Promoter. <i>Molecular Imaging</i> , 2004 , 3, 153535002004041	3.7	
15	Inhibition of ErbB2 causes mitochondrial dysfunction in cardiomyocytes: implications for herceptin-induced cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2004 , 44, 2231-8	15.1	182
14	Targeting ischemic cardiac dysfunction through gene transfer. <i>Current Atherosclerosis Reports</i> , 2003 , 5, 191-5	6	2
13	Strategic advantages of insulin-like growth factor-I expression for cardioprotection. <i>Journal of Gene Medicine</i> , 2003 , 5, 277-86	3.5	55
12	Endothelial progenitor cells. <i>New England Journal of Medicine</i> , 2003 , 348, 581-2	59.2	72
11	Importance of FADD signaling in serum deprivation- and hypoxia-induced cardiomyocyte apoptosis. <i>Journal of Biological Chemistry</i> , 2002 , 277, 31639-45	5.4	51
10	Phenotypic spectrum caused by transgenic overexpression of activated Akt in the heart. <i>Journal of Biological Chemistry</i> , 2002 , 277, 22896-901	5.4	349
9	Akt activation preserves cardiac function and prevents injury after transient cardiac ischemia in vivo. <i>Circulation</i> , 2001 , 104, 330-5	16.7	621
8	C-C and C-X-C chemokines trigger firm adhesion of monocytes to vascular endothelium under flow conditions. <i>Annals of the New York Academy of Sciences</i> , 2000 , 902, 288-93	6.5	38
7	Delivery Systems for Gene Therapy. <i>Current Protocols in Human Genetics</i> , 2000 , 24, 13.0.1	3.2	
6	Cardiac signal transduction. <i>Journal of Nuclear Cardiology</i> , 2000 , 7, 63-71	2.1	3
5	Restoration of diastolic function in senescent rat hearts through adenoviral gene transfer of sarcoplasmic reticulum Ca(2+)-ATPase. <i>Circulation</i> , 2000 , 101, 790-6	16.7	217
4	Adenoviral gene transfer of activated phosphatidylinositol 3Kinase and Akt inhibits apoptosis of hypoxic cardiomyocytes in vitro. <i>Circulation</i> , 1999 , 100, 2373-9	16.7	341
3	Restoration of contractile function in isolated cardiomyocytes from failing human hearts by gene transfer of SERCA2a. <i>Circulation</i> , 1999 , 100, 2308-11	16.7	390
2	MCP-1 and IL-8 trigger firm adhesion of monocytes to vascular endothelium under flow conditions. <i>Nature</i> , 1999 , 398, 718-23	50.4	1064
1	Adhesion of memory lymphocytes to vascular cell adhesion molecule-1-transduced human vascular endothelial cells under simulated physiological flow conditions in vitro. <i>Circulation Research</i> , 1996 , 79, 1205-15	15.7	40

