Mark A Sussman

List of Publications by Year
in descending order

197 papers	12,582 citations	19657 61 h-index	27406 106 g-index
210 all docs	210 docs citations	210 times ranked	14145 citing authors

#	Article	IF	Citations
1	VAPIng into ARDS: Acute Respiratory Distress Syndrome and Cardiopulmonary Failure. , 2022, 232, 108006.		3
2	Transient reprogramming primes the heart for repair. , 2022, 2, .		0
3	Cardiovascular consequences of vaping. Current Opinion in Cardiology, 2022, Publish Ahead of Print, .	1.8	4
4	Fundamentals of vaping-associated pulmonary injury leading to severe respiratory distress. Life Science Alliance, 2022, 5, e202101246.	2.8	3
5	â€˜Youthfulâ€™ phenotype of c-Kit+ cardiac fibroblasts. Cellular and Molecular Life Sciences, 2022, 79, .	5.4	0
6	Pim1 maintains telomere length in mouse cardiomyocytes by inhibiting TGFÎ² signalling. Cardiovascular Research, 2021, 117, 201-211.	3.8	13
7	Hiding in plain sight: an encapsulated approach to cardiac cell therapy. Cardiovascular Research, 2021, 117, 648-650.	3.8	1
8	Regeneration of infarcted mouse hearts by cardiovascular tissue formed via the direct reprogramming of mouse fibroblasts. Nature Biomedical Engineering, 2021, 5, 880-896.	22.5	18
9	Transcriptional features of biological age maintained in human cultured cardiac interstitial cells. Genomics, 2021, 113, 3705-3717.	2.9	1
10	Cardiac regenerative therapy: Many paths to repair. Trends in Cardiovascular Medicine, 2020, 30, 338-343.	4.9	11
11	Human CardioChimeras: Creation of a Novel â€œNextâ€Generationâ€• Cardiac Cell. Journal of the American Heart Association, 2020, 9, e013452.	3.7	6
12	Cardiac tissue engineering therapeutic products to enhance myocardial contractility. Journal of Muscle Research and Cell Motility, 2020, 41, 363-373.	2.0	7
13	Adaptation within embryonic and neonatal heart environment reveals alternative fates for adult c-kit+ cardiac interstitial cells. Stem Cells Translational Medicine, 2020, 9, 620-635.	3.3	2
14	Blood speaks: Personalised medicine profiling for heart failure patients. EBioMedicine, 2020, 58, 102900.	6.1	1
15	Duchenne muscular dystrophy (DMD) cardiomyocyte-secreted exosomes promote the pathogenesis of DMD-associated cardiomyopathy. DMM Disease Models and Mechanisms, 2020, 13, .	2.4	19
16	Enhancing myocardial repair with CardioClusters. Nature Communications, 2020, 11, 3955.	12.8	27
17	PIM1 Promotes Survival of Cardiomyocytes by Upregulating c-Kit Protein Expression. Cells, 2020, 9, 2001.	4.1	13
18	Atrial myxoma: the cardiac chameleon. European Heart Journal, 2020, 41, 4346-4348.	2.2	2

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19	Safety profiling of genetically engineered Pim-1 kinase overexpression for oncogenicity risk in human c-kit+ cardiac interstitial cells. Gene Therapy, 2019, 26, 324-337.	4.5	3
20	Adult Cardiomyocyte Cell Cycle Detour: Off-ramp to Quiescent Destinations. Trends in Endocrinology and Metabolism, 2019, 30, 557-567.	7.1	30
21	Cardiac nonmyocyte subpopulations: a secular congregation. Regenerative Medicine, 2019, 14, 489-494.	1.7	8
22	Hypoxia Prevents Mitochondrial Dysfunction and Senescence in Human c-Kit+ Cardiac Progenitor Cells. Stem Cells, 2019, 37, 555-567.	3.2	41
23	Transcribing the heart: faithfully interpreting cardiac transcriptional insights. Regenerative Medicine, 2019, 14, 805-810.	1.7	1
24	Cardiac interstitial tetraploid cells can escape replicative senescence in rodents but not large mammals. Communications Biology, 2019, 2, 205.	4.4	19
25	BNIP3L/NIX and FUNDC1-mediated mitophagy is required for mitochondrial network remodeling during cardiac progenitor cell differentiation. Autophagy, 2019, 15, 1182-1198.	9.1	197
26	Adult human cardiac stem cell supplementation effectively increases contractile function and maturation in human engineered cardiac tissues. Stem Cell Research and Therapy, 2019, 10, 373.	5.5	17
27	Cardiomyocyte cell cycle dynamics and proliferation revealed through cardiac-specific transgenesis of fluorescent ubiquitinated cell cycle indicator (FUCCI). Journal of Molecular and Cellular Cardiology, 2019, 127, 154-164.	1.9	53
28	Cardiac progenitor cell ion currents: revealing a little more on the lesser known. Journal of Physiology, 2018, 596, 2271-2272.	2.9	1
29	Cardiac c-Kit Biology Revealed by Inducible Transgenesis. Circulation Research, 2018, 123, 57-72.	4.5	32
30	Mechanisms of Cardiac Repair and Regeneration. Circulation Research, 2018, 122, 1151-1163.	4.5	136
31	Short Telomeres Induce p53 and Autophagy and Modulate Age-Associated Changes in Cardiac Progenitor Cell Fate. Stem Cells, 2018, 36, 868-880.	3.2	15
32	Editorial commentary: Mitochondrial autophagy in cardiac aging is all fluxed up. Trends in Cardiovascular Medicine, 2018, 28, 261-262.	4.9	2
33	Chasing c-Kit through the heart: Taking a broader view. Pharmacological Research, 2018, 127, 110-115.	7.1	28
34	Cardiac ageing: extrinsic and intrinsic factors in cellular renewal and senescence. Nature Reviews Cardiology, 2018, 15, 523-542.	13.7	103
35	Enhancement Strategies for Cardiac Regenerative Cell Therapy. Circulation Research, 2018, 123, 177-187.	4.5	23
36	In situ transcriptome characteristics are lost following culture adaptation of adult cardiac stem cells. Scientific Reports, 2018, 8, 12060.	3.3	30

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37	Pim-1. , 2018, , 4012-4016.		0
38	A Matter of Opinion. Circulation Research, 2017, 120, 36-38.	4.5	0
39	Eat, breathe, ROS: controlling stem cell fate through metabolism. Expert Review of Cardiovascular Therapy, 2017, 15, 345-356.	1.5	5
40	Concurrent Isolation of 3 Distinct Cardiac Stem Cell Populations From a Single Human Heart Biopsy. Circulation Research, 2017, 121, 113-124.	4.5	52
41	Synthetic MSC?. Circulation Research, 2017, 120, 1694-1695.	4.5	3
42	Empowering human cardiac progenitor cells by P2Y₁₄ nucleotide receptor overexpression. Journal of Physiology, 2017, 595, 7135-7148.	2.9	4
43	Peptidylâ€Prolyl Isomerase 1 Regulates Ca 2+ Handling by Modulating Sarco(Endo)Plasmic Reticulum Calcium ATPase and Na 2+ /Ca 2+ Exchanger 1 Protein Levels and Function. Journal of the American Heart Association, 2017, 6, .	3.7	6
44	P2Y ₂ Nucleotide Receptor Prompts Human Cardiac Progenitor Cell Activation by Modulating Hippo Signaling. Circulation Research, 2017, 121, 1224-1236.	4.5	29
45	Cardiac Stem Cells. Journal of the American College of Cardiology, 2017, 70, 742-744.	2.8	1
46	Cardiomyocyte Regeneration. Circulation, 2017, 136, 680-686.	1.6	417
47	Myocardial Regeneration for Humansã€€â€• Modifying Biology and Manipulating Evolution â€•. Circulation Journal, 2017, 81, 142-148.	1.6	14
48	Global position paper on cardiovascular regenerative medicine. European Heart Journal, 2017, 38, 2532-2546.	2.2	133
49	PIM1-minicircle as a therapeutic treatment for myocardial infarction. PLoS ONE, 2017, 12, e0173963.	2.5	13
50	Empowering Adult Stem Cells for Myocardial Regeneration V2.0. Circulation Research, 2016, 118, 867-880.	4.5	51
51	Inject Me Once and Inject Me Twice. Then Inject Me Once Again. Circulation Research, 2016, 119, 580-581.	4.5	0
52	Pim1 Kinase Overexpression Enhances ckit+ Cardiac Stem Cell Cardiac Repair Following Myocardial Infarction in Swine. Journal of the American College of Cardiology, 2016, 68, 2454-2464.	2.8	69
53	S100A4 protects the myocardium against ischemic stress. Journal of Molecular and Cellular Cardiology, 2016, 100, 54-63.	1.9	38
54	Sphingosine 1-phosphate elicits RhoA-dependent proliferation and MRTF-A mediated gene induction in CPCs. Cellular Signalling, 2016, 28, 871-879.	3.6	15

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55	Personalizing cardiac regenerative therapy: At the heart of Pim1 kinase. Pharmacological Research, 2016, 103, 13-16.	7.1	13
56	Impact of Telomere Shortening with Age in Stem Cell Therapy. , 2016, , 49-58.		0
57	Deletion of low molecular weight protein tyrosine phosphatase (<i>Acp1</i>) protects against stressâ€induced cardiomyopathy. Journal of Pathology, 2015, 237, 482-494.	4.5	12
58	Rejuvenating the senescent heart. Current Opinion in Cardiology, 2015, 30, 235-239.	1.8	14
59	Functional Effect of Pim1 Depends upon Intracellular Localization in Human Cardiac Progenitor Cells. Journal of Biological Chemistry, 2015, 290, 13935-13947.	3.4	26
60	Notch activation enhances lineage commitment and protective signaling in cardiac progenitor cells. Basic Research in Cardiology, 2015, 110, 29.	5.9	39
61	Nucleostemin Rejuvenates CardiacÂProgenitor Cells and AntagonizesÂMyocardial Aging. Journal of the American College of Cardiology, 2015, 65, 133-147.	2.8	67
62	Circulating Around the Tissue. Circulation Research, 2015, 116, 563-565.	4.5	5
63	Hrd1 and ER-Associated Protein Degradation, ERAD, Are Critical Elements of the Adaptive ER Stress Response in Cardiac Myocytes. Circulation Research, 2015, 117, 536-546.	4.5	89
64	Accumulation of Mitochondrial DNA Mutations Disrupts Cardiac Progenitor Cell Function and Reduces Survival. Journal of Biological Chemistry, 2015, 290, 22061-22075.	3.4	24
65	Cardiac aging â€" Getting to the stem of the problem. Journal of Molecular and Cellular Cardiology, 2015, 83, 32-36.	1.9	41
66	Myocardial Infarct Scar. Journal of the American College of Cardiology, 2015, 65, 2067-2069.	2.8	1
67	Nuclear Calcium/Calmodulin-dependent Protein Kinase II Signaling Enhances Cardiac Progenitor Cell Survival and Cardiac Lineage Commitment. Journal of Biological Chemistry, 2015, 290, 25411-25426.	3.4	17
68	Cardiac Stem Cell Hybrids Enhance Myocardial Repair. Circulation Research, 2015, 117, 695-706.	4.5	77
69	Control of histone <scp>H3</scp> phosphorylation by <scp>CaMKII</scp> Î´ in response to haemodynamic cardiac stress. Journal of Pathology, 2015, 235, 606-618.	4.5	35
70	The Impact of Juvenile Coxsackievirus Infection on Cardiac Progenitor Cells and Postnatal Heart Development. PLoS Pathogens, 2014, 10, e1004249.	4.7	13
71	Cardiac Progenitor Cells Engineered With Î²ARKct Have Enhanced Î²-Adrenergic Tolerance. Molecular Therapy, 2014, 22, 178-185.	8.2	12
72	CENP-A is essential for cardiac progenitor cell proliferation. Cell Cycle, 2014, 13, 739-748.	2.6	22

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73	PRAS40 prevents development of diabetic cardiomyopathy and improves hepatic insulin sensitivity in obesity. EMBO Molecular Medicine, 2014, 6, 57-65.	6.9	68
74	Metabolic Dysfunction Consistent With Premature Aging Results From Deletion of Pim Kinases. Circulation Research, 2014, 115, 376-387.	4.5	49
75	Making it stick: chasing the optimal stem cells for cardiac regeneration. Expert Review of Cardiovascular Therapy, 2014, 12, 1275-1288.	1.5	20
76	Predicting the Future With Stem Cells. Circulation, 2014, 129, 136-138.	1.6	6
77	Response to Letter Regarding Article, â€œEmbryonic Stem Cellâ€"Derived Cardiac Myocytes Are Not Ready for Human Trialsâ€• Circulation Research, 2014, 115, e30-1.	4.5	3
78	Differential Regulation of Cellular Senescence and Differentiation by Prolyl Isomerase Pin1 in Cardiac Progenitor Cells. Journal of Biological Chemistry, 2014, 289, 5348-5356.	3.4	26
79	Stressing on the nucleolus in cardiovascular disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 798-801.	3.8	38
80	The Heart: Mostly Postmitotic or Mostly Premitotic? Myocyte Cell Cycle, Senescence, and Quiescence. Canadian Journal of Cardiology, 2014, 30, 1270-1278.	1.7	21
81	Embryonic Stem Cellâ€"Derived Cardiac Myocytes Are Not Ready for Human Trials. Circulation Research, 2014, 115, 335-338.	4.5	47
82	Failure of cell cleavage induces senescence in tetraploid primary cells. Molecular Biology of the Cell, 2014, 25, 3105-3118.	2.1	40
83	Pin1: A molecular orchestrator in the heart. Trends in Cardiovascular Medicine, 2014, 24, 256-262.	4.9	12
84	Different types of cultured human adult Cardiac Progenitor Cells have a high degree of transcriptome similarity. Journal of Cellular and Molecular Medicine, 2014, 18, 2147-2151.	3.6	34
85	Fibronectin contributes to pathological cardiac hypertrophy but not physiological growth. Basic Research in Cardiology, 2013, 108, 375.	5.9	50
86	Fibronectin Is Essential for Reparative Cardiac Progenitor Cell Response After Myocardial Infarction. Circulation Research, 2013, 113, 115-125.	4.5	105
87	Mechanistic Target of Rapamycin Complex 2 Protects the Heart From Ischemic Damage. Circulation, 2013, 128, 2132-2144.	1.6	97
88	Cardiac Hegemony of Senescence. Current Translational Geriatrics and Experimental Gerontology Reports, 2013, 2, 247-254.	0.7	18
89	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
90	mTOR/PRAS40 interaction: Hypertrophy or proliferation. Cell Cycle, 2013, 12, 3579-3580.	2.6	16

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91	Pim-1 preserves mitochondrial morphology by inhibiting dynamin-related protein 1 translocation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5969-5974.	7.1	109
92	Rejuvenation of Human Cardiac Progenitor Cells With Pim-1 Kinase. Circulation Research, 2013, 113, 1169-1179.	4.5	110
93	Loss of MCL-1 leads to impaired autophagy and rapid development of heart failure. Genes and Development, 2013, 27, 1365-1377.	5.9	221
94	Cell and gene therapy for severe heart failure patients: The time and place for Pim-1 kinase. Expert Review of Cardiovascular Therapy, 2013, 11, 949-957.	1.5	20
95	Pathological hypertrophy amelioration by PRAS40-mediated inhibition of mTORC1. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12661-12666.	7.1	100
96	Regulation of Cardiac Hypertrophic Signaling by Prolyl Isomerase Pin1. Circulation Research, 2013, 112, 1244-1252.	4.5	46
97	Î²-Adrenergic Regulation of Cardiac Progenitor Cell Death Versus Survival and Proliferation. Circulation Research, 2013, 112, 476-486.	4.5	59
98	Preservation of Myocardial Structure Is Enhanced by Pim-1 Engineering of Bone Marrow Cells. Circulation Research, 2012, 111, 77-86.	4.5	45
99	Orai1 deficiency leads to heart failure and skeletal myopathy in zebrafish. Journal of Cell Science, 2012, 125, 287-294.	2.0	55
100	Increased Mitotic Rate Coincident with Transient Telomere Lengthening Resulting from Pimâ€1 Overexpression in Cardiac Progenitor Cells. Stem Cells, 2012, 30, 2512-2522.	3.2	35
101	Asymmetric Chromatid Segregation in Cardiac Progenitor Cells Is Enhanced by Pim-1 Kinase. Circulation Research, 2012, 110, 1169-1173.	4.5	31
102	Animal Models of Heart Failure. Circulation Research, 2012, 111, 131-150.	4.5	378
103	Myocardial Isl + land. Circulation Research, 2012, 110, 1267-1269.	4.5	6
104	Cardiac progenitor cells engineered with Pim-1 (CPCeP) develop cardiac phenotypic electrophysiological properties as they are co-cultured with neonatal myocytes. Journal of Molecular and Cellular Cardiology, 2012, 53, 695-706.	1.9	12
105	Sca-1 Knockout Impairs Myocardial and Cardiac Progenitor Cell Function. Circulation Research, 2012, 111, 750-760.	4.5	74
106	Notch signaling and cardiac repair. Journal of Molecular and Cellular Cardiology, 2012, 52, 1226-1232.	1.9	50
107	Neural Stem Cell Depletion and CNS Developmental Defects After Enteroviral Infection. American Journal of Pathology, 2012, 180, 1107-1120.	3.8	35
108	PrP. , 2012, , 1488-1488.		0

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109	Human Cardiac Progenitor Cells Engineered With Pim-I Kinase Enhance Myocardial Repair. Journal of the American College of Cardiology, 2012, 60, 1278-1287.	2.8	140
110	Nucleolar stress is an early response to myocardial damage involving nucleolar proteins nucleostemin and nucleophosmin. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6145-6150.	7.1	62
111	Myocardial AKT: The Omnipresent Nexus. Physiological Reviews, 2011, 91, 1023-1070.	28.8	196
112	Pim-1 kinase inhibits pathological injury by promoting cardioprotective signaling. Journal of Molecular and Cellular Cardiology, 2011, 51, 554-558.	1.9	28
113	Empowering Adult Stem Cells for Myocardial Regeneration. Circulation Research, 2011, 109, 1415-1428.	4.5	102
114	Mechanobiology of Erythrocytes from Adult Mice Homozygous for a Targeted Disruption of the E-Tmod Gene at Exon 1. Cellular and Molecular Bioengineering, 2011, 4, 637-647.	2.1	4
115	Curiosity Killed the Cat and Found New Myocytes. Circulation Research, 2011, 108, 1158-1159.	4.5	0
116	Cardiac Progenitor Cell Commitment Is Inhibited by Nuclear Akt Expression. Circulation Research, 2011, 108, 960-970.	4.5	33
117	Signal Transducers and Activators of Transcription-3/Pim1 Axis Plays a Critical Role in the Pathogenesis of Human Pulmonary Arterial Hypertension. Circulation, 2011, 123, 1205-1215.	1.6	156
118	Mitochondrial translocation of Nur77 mediates cardiomyocyte apoptosis. European Heart Journal, 2011, 32, 2179-2188.	2.2	79
119	RAGE-Dependent Activation of the Oncoprotein Pim1 Plays a Critical Role in Systemic Vascular Remodeling Processes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2114-2124.	2.4	61
120	Juvenile Exposure to Anthracyclines Impairs Cardiac Progenitor Cell Function and Vascularization Resulting in Greater Susceptibility to Stress-Induced Myocardial Injury in Adult Mice. Circulation, 2010, 121, 675-683.	1.6	176
121	Cardiac Progenitor Cell Cycling Stimulated by Pim-1 Kinase. Circulation Research, 2010, 106, 891-901.	4.5	91
122	Pim-1 Kinase Protects Mitochondrial Integrity in Cardiomyocytes. Circulation Research, 2010, 106, 1265-1274.	4.5	100
123	Roles for Endoplasmic Reticulumâ€"Associated Degradation and the Novel Endoplasmic Reticulum Stress Response Gene Derlin-3 in the Ischemic Heart. Circulation Research, 2010, 106, 307-316.	4.5	83
124	And Now for Something Completely Different. Circulation Research, 2010, 107, 820-821.	4.5	0
125	A Novel Population of Myeloid Cells Responding to Coxsackievirus Infection Assists in the Dissemination of Virus within the Neonatal CNS. Journal of Neuroscience, 2010, 30, 8676-8691.	3.6	72
126	PHLPP-1 Negatively Regulates Akt Activity and Survival in the Heart. Circulation Research, 2010, 107, 476-484.	4.5	115

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127	Rac1-Induced Connective Tissue Growth Factor Regulates Connexin 43 and N-Cadherin Expression in Atrial Fibrillation. Journal of the American College of Cardiology, 2010, 55, 469-480.	2.8	143
128	Orai1 and Stim1 regulate normal and hypertrophic growth in cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2010, 48, 1329-1334.	1.9	140
129	Mitochondrial integrity: preservation through Akt/Pim-1 kinase signaling in the cardiomyocyte. Expert Review of Cardiovascular Therapy, 2009, 7, 929-938.	1.5	45
130	Cardiac stem cell genetic engineering using the Î±MHC promoter. Regenerative Medicine, 2009, 4, 823-833.	1.7	44
131	Enhancement of Myocardial Regeneration Through Genetic Engineering of Cardiac Progenitor Cells Expressing Pim-1 Kinase. Circulation, 2009, 120, 2077-2087.	1.6	201
132	Developing Hearts Need Their SPEG. Circulation, 2009, 119, 213-214.	1.6	2
133	Cardioprotective stimuli mediate phosphoinositide 3-kinase and phosphoinositide dependent kinase 1 nuclear accumulation in cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2009, 47, 96-103.	1.9	18
134	Evolution of the c-kit-Positive Cell Response to Pathological Challenge in the Myocardium. Stem Cells, 2008, 26, 1315-1324.	3.2	128
135	Bones of contention: Marrow-derived cells in myocardial regeneration. Journal of Molecular and Cellular Cardiology, 2008, 44, 950-953.	1.9	57
136	Myocardial Induction of Nucleostemin in Response to Postnatal Growth and Pathological Challenge. Circulation Research, 2008, 103, 89-97.	4.5	40
137	Nuclear and mitochondrial signalling Akts in cardiomyocytes. Cardiovascular Research, 2008, 82, 272-285.	3.8	60
138	Pim-1 kinase antagonizes aspects of myocardial hypertrophy and compensation to pathological pressure overload. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13889-13894.	7.1	61
139	Tropomodulin1 Is Required in the Heart but Not the Yolk Sac for Mouse Embryonic Development. Circulation Research, 2008, 103, 1241-1248.	4.5	45
140	Mesencephalic Astrocyte-Derived Neurotrophic Factor Is an Ischemia-Inducible Secreted Endoplasmic Reticulum Stress Response Protein in the Heart. Circulation Research, 2008, 103, 1249-1258.	4.5	149
141	Activation of Notch-Mediated Protective Signaling in the Myocardium. Circulation Research, 2008, 102, 1025-1035.	4.5	172
142	Showing up Isnâ€™t Enough for Vascularization. Circulation Research, 2008, 103, 1200-1201.	4.5	3
143	Coordination of Growth and Endoplasmic Reticulum Stress Signaling by Regulator of Calcineurin 1 (RCAN1), a Novel ATF6-inducible Gene. Journal of Biological Chemistry, 2008, 283, 14012-14021.	3.4	90
144	Bone marrow cells adopt the cardiomyogenic fate <i>in vivo</i>. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17783-17788.	7.1	292

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145	Role of Rac1 GTPase Activation in Atrial Fibrillation. Journal of the American College of Cardiology, 2007, 50, 359-367.	2.8	159
146	Pim-1 regulates cardiomyocyte survival downstream of Akt. Nature Medicine, 2007, 13, 1467-1475.	30.7	228
147	â€œAKTâ€ing Lessons for Stem Cells: Regulation of Cardiac Myocyte and Progenitor Cell Proliferation. Trends in Cardiovascular Medicine, 2007, 17, 235-240.	4.9	34
148	Cause ofÂdeath: AÂâ€œbrokenâ€•MEKK?. Journal of Molecular and Cellular Cardiology, 2006, 40, 593-596.	1.9	2
149	The Rac and Rho Hall of Fame. Circulation Research, 2006, 98, 730-742.	4.5	311
150	Activation of the Unfolded Protein Response in Infarcted Mouse Heart and Hypoxic Cultured Cardiac Myocytes. Circulation Research, 2006, 99, 275-282.	4.5	267
151	Endoplasmic Reticulum Stress Gene Induction and Protection From Ischemia/Reperfusion Injury in the Hearts of Transgenic Mice With a Tamoxifen-Regulated Form of ATF6. Circulation Research, 2006, 98, 1186-1193.	4.5	282
152	Phosphorylation of Focal Adhesion Kinase (FAK) on Ser732 Is Induced by Rho-dependent Kinase and Is Essential for Proline-rich Tyrosine Kinase-2â€“mediated Phosphorylation of FAK on Tyr407 in Response to Vascular Endothelial Growth Factor. Molecular Biology of the Cell, 2006, 17, 3508-3520.	2.1	52
153	Akt Promotes Increased Cardiomyocyte Cycling and Expansion of the Cardiac Progenitor Cell Population. Circulation Research, 2006, 99, 381-388.	4.5	97
154	Nuclear targeting of Akt antagonizes aspects of cardiomyocyte hypertrophy. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11946-11951.	7.1	96
155	Nuclear Targeting of Akt Enhances Ventricular Function and Myocyte Contractility. Circulation Research, 2005, 97, 1332-1341.	4.5	119
156	Evaluation of Left Ventricular Function in Cardiomyopathic Mice by Tissue Doppler and Color M-Mode Doppler Echocardiography. Echocardiography, 2005, 22, 245-253.	0.9	23
157	Myocardial subproteomic analysis of a constitutively active Rac1-expressing transgenic mouse with lethal myocardial hypertrophy. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H2325-H2333.	3.2	21
158	Cardiac Hypertrophy Served With Protein Kinase CÎµ. Circulation Research, 2005, 96, 711-713.	4.5	6
159	Impaired Intracellular Ca2+Dynamics in Live Cardiomyocytes Revealed by Rapid Line Scan Confocal Microscopy. Microscopy and Microanalysis, 2005, 11, 235-243.	0.4	5
160	Atrial natriuretic peptide promotes cardiomyocyte survival by cGMP-dependent nuclear accumulation of zyxin and Akt. Journal of Clinical Investigation, 2005, 115, 2716-2730.	8.2	145
161	Expression of Tropomodulin1 (Tmod1) in the Heart Rescues Embryonic Lethality of Tmod1 Null Mice and Results in a Mild Hemolytic Anemia Due to Absence of Tmod1 in Red Blood Cells.. Blood, 2005, 106, 807-807.	1.4	0
162	Intracellular Ca2+ Measurements in Live Cells by Rapid Line Scan Confocal Microscopy: Simplified Calibration Methodology. Microscopy and Microanalysis, 2004, 10, 1390-1391.	0.4	1

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163	Cardiomyocyte Apoptosis Triggered by RAFTK/pyk2 via Src Kinase Is Antagonized by Paxillin. Journal of Biological Chemistry, 2004, 279, 53516-53523.	3.4	52
164	Nuclear Targeting of Akt Enhances Kinase Activity and Survival of Cardiomyocytes. Circulation Research, 2004, 94, 884-891.	4.5	197
165	Molecular Genetic Advances in Cardiovascular Medicine. Circulation, 2004, 109, 2832-2838.	1.6	65
166	Vascular endothelial growth factor-mediated activation of p38 is dependent upon Src and RAFTK/Pyk2. Oncogene, 2004, 23, 1275-1282.	5.9	68
167	Intracellular Ca2+ measurements in live cells by rapid line scan confocal microscopy: simplified calibration methodology. Cytotechnology, 2004, 25, 123-133.	0.7	7
168	Myocardial Aging and Senescence: Where Have the Stem Cells Gone?. Annual Review of Physiology, 2004, 66, 29-48.	13.1	106
169	Cardiac Stem Cell and Myocyte Aging, Heart Failure, and Insulin-Like Growth Factor-1 Overexpression. Circulation Research, 2004, 94, 514-524.	4.5	527
170	Title is missing!. Molecular and Cellular Biochemistry, 2003, 251, 145-151.	3.1	5
171	Vascular Endothelial Growth Factor Regulates Focal Adhesion Assembly in Human Brain Microvascular Endothelial Cells through Activation of the Focal Adhesion Kinase and Related Adhesion Focal Tyrosine Kinase. Journal of Biological Chemistry, 2003, 278, 36661-36668.	3.4	127
172	ICER-Capades. Circulation Research, 2003, 93, 6-8.	4.5	7
173	Calcium dynamics in the failing heart: restoration by Î²-adrenergic receptor blockade. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H305-H315.	3.2	39
174	Calcineurin transgenic mice have mitochondrial dysfunction and elevated superoxide production. American Journal of Physiology - Cell Physiology, 2003, 284, C562-C570.	4.6	81
175	An Intact Intermediate Filament Network Is Required for Collateral Sprouting of Small Diameter Nerve Fibers. Journal of Neuroscience, 2003, 23, 9312-9319.	3.6	20
176	Integrin shedding as a mechanism of cellular adaptation during cardiac growth. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 284, H2227-H2234.	3.2	35
177	Proteomic analysis of Rac1 transgenic mice displaying dilated cardiomyopathy reveals an increase in creatine kinase M-chain protein abundance. , 2003, , 145-151.		4
178	Proteomic analysis of Rac1 transgenic mice displaying dilated cardiomyopathy reveals an increase in creatine kinase M-chain protein abundance. Molecular and Cellular Biochemistry, 2003, 251, 145-51.	3.1	3
179	Cardiac-Specific IGF-1 Expression Attenuates Dilated Cardiomyopathy in Tropomodulin-Overexpressing Transgenic Mice. Circulation Research, 2002, 90, 641-648.	4.5	134
180	Dance Band on theTitanic. Circulation Research, 2002, 91, 888-898.	4.5	96

#	Article	IF	Citations
181	Activation of pyk2/Related Focal Adhesion Tyrosine Kinase and Focal Adhesion Kinase in Cardiac Remodeling. Journal of Biological Chemistry, 2002, 277, 45203-45210.	3.4	38
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