

Thomas Force

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.

118
papers

13,430
citations

59
h-index

115
g-index

134
ext. papers

14,868
ext. citations

11.6
avg, IF

6.14
L-index

#	Paper	IF	Citations
118	Nicotinamide riboside kinase-2 alleviates ischemia-induced heart failure through P38 signaling. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020 , 1866, 165609	6.9	4
117	Ponatinib-induced cardiotoxicity: delineating the signalling mechanisms and potential rescue strategies. <i>Cardiovascular Research</i> , 2019 , 115, 966-977	9.9	30
116	Cardiomyocyte Homeodomain-Interacting Protein Kinase 2 Maintains Basal Cardiac Function via Extracellular Signal-Regulated Kinase Signaling. <i>Circulation</i> , 2019 , 140, 1820-1833	16.7	9
115	Cardiomyocyte-GSK-3 β promotes mPTP opening and heart failure in mice with chronic pressure overload. <i>Journal of Molecular and Cellular Cardiology</i> , 2019 , 130, 65-75	5.8	13
114	Targeted disruption of glycogen synthase kinase-3 α in cardiomyocytes attenuates cardiac parasympathetic dysfunction in type 1 diabetic Akita mice. <i>PLoS ONE</i> , 2019 , 14, e0215213	3.7	2
113	Cardiomyocyte SMAD4-Dependent TGF- β Signaling is Essential to Maintain Adult Heart Homeostasis. <i>JACC Basic To Translational Science</i> , 2019 , 4, 41-53	8.7	20
112	Inhibition of GSK-3 to induce cardiomyocyte proliferation: a recipe for in situ cardiac regeneration. <i>Cardiovascular Research</i> , 2019 , 115, 20-30	9.9	18
111	Cardiomyocyte-specific deletion of GSK-3 α leads to cardiac dysfunction in a diet induced obesity model. <i>International Journal of Cardiology</i> , 2018 , 259, 145-152	3.2	12
110	Entanglement of GSK-3 β -catenin and TGF- β signaling network to regulate myocardial fibrosis. <i>Journal of Molecular and Cellular Cardiology</i> , 2017 , 110, 109-120	5.8	80
109	Rab-GTPase binding effector protein 2 (RABEP2) is a primed substrate for Glycogen Synthase kinase-3 (GSK3). <i>Scientific Reports</i> , 2017 , 7, 17682	4.9	4
108	A Novel Positron Emission Tomography (PET) Approach to Monitor Cardiac Metabolic Pathway Remodeling in Response to Sunitinib Malate. <i>PLoS ONE</i> , 2017 , 12, e0169964	3.7	16
107	Loss of Adult Cardiac Myocyte GSK-3 Leads to Mitotic Catastrophe Resulting in Fatal Dilated Cardiomyopathy. <i>Circulation Research</i> , 2016 , 118, 1208-22	15.7	55
106	Analysis of Tyrosine Kinase Inhibitor-Mediated Decline in Contractile Force in Rat Engineered Heart Tissue. <i>PLoS ONE</i> , 2016 , 11, e0145937	3.7	25
105	Response by Zhou et al to Letter Regarding Article, "Loss of Adult Cardiac Myocyte GSK-3 Leads to Mitotic Catastrophe Resulting in Fatal Dilated Cardiomyopathy". <i>Circulation Research</i> , 2016 , 119, e29-e30	15.7	3
104	21st Century Cardio-Oncology: Identifying Cardiac Safety Signals in the Era of Personalized Medicine. <i>JACC Basic To Translational Science</i> , 2016 , 1, 386-398	8.7	18
103	Group IVA Cytosolic Phospholipase A2 Regulates the G2-to-M Transition by Modulating the Activity of Tumor Suppressor SIRT2. <i>Molecular and Cellular Biology</i> , 2015 , 35, 3768-84	4.8	15
102	Cardio-Oncology: How New Targeted Cancer Therapies and Precision Medicine Can Inform Cardiovascular Discovery. <i>Circulation</i> , 2015 , 132, 2248-58	16.7	75

101	The GSK-3 family as therapeutic target for myocardial diseases. <i>Circulation Research</i> , 2015 , 116, 138-49	15.7	127
100	Sorafenib cardiotoxicity increases mortality after myocardial infarction. <i>Circulation Research</i> , 2014 , 114, 1700-1712	15.7	50
99	Cardiomyocyte-specific deletion of Gsk3 β mitigates post-myocardial infarction remodeling, contractile dysfunction, and heart failure. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 696-706	15.1	42
98	Expert consensus for multimodality imaging evaluation of adult patients during and after cancer therapy: a report from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. <i>Journal of the American Society of Echocardiography</i> , 2014 , 27, 911-39	5.8	722
97	Cardiac fibroblast glycogen synthase kinase-3 β regulates ventricular remodeling and dysfunction in ischemic heart. <i>Circulation</i> , 2014 , 130, 419-30	16.7	111
96	Troponin I-interacting protein kinase: a novel cardiac-specific kinase, emerging as a molecular target for the treatment of cardiac disease. <i>Circulation Journal</i> , 2014 , 78, 1514-9	2.9	14
95	Prevention of liver cancer cachexia-induced cardiac wasting and heart failure. <i>European Heart Journal</i> , 2014 , 35, 932-41	9.5	117
94	Expert consensus for multimodality imaging evaluation of adult patients during and after cancer therapy: a report from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2014 , 15, 1063-93	4.1	526
93	Imatinib activates pathological hypertrophy by altering myocyte calcium regulation. <i>Clinical and Translational Science</i> , 2014 , 7, 360-7	4.9	8
92	MICU1 motifs define mitochondrial calcium uniporter binding and activity. <i>Cell Reports</i> , 2013 , 5, 1576-1586	8.6	98
91	Cancer genetics and the cardiotoxicity of the therapeutics. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 267-74	15.1	49
90	Emerging paradigms in cardiomyopathies associated with cancer therapies. <i>Circulation Research</i> , 2013 , 113, 754-64	15.7	111
89	Inhibition of the cardiomyocyte-specific kinase TNNI3K limits oxidative stress, injury, and adverse remodeling in the ischemic heart. <i>Science Translational Medicine</i> , 2013 , 5, 207ra141	17.5	45
88	Differential activation of cultured neonatal cardiomyocytes by plasmalemmal versus intracellular G protein-coupled receptor 55. <i>Journal of Biological Chemistry</i> , 2013 , 288, 22481-92	5.4	30
87	GSK-3 β is a central regulator of age-related pathologies in mice. <i>Journal of Clinical Investigation</i> , 2013 , 123, 1821-32	15.9	108
86	Management of cardiac toxicity in patients receiving vascular endothelial growth factor signaling pathway inhibitors. <i>American Heart Journal</i> , 2012 , 163, 156-63	4.9	96
85	The Heart Failure Society of America in 2020: a vision for the future. <i>Journal of Cardiac Failure</i> , 2012 , 18, 90-3	3.3	0
84	Protein Kinase Signaling at the Crossroads of Myocyte Life and Death in Ischemic Heart Disease. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2012 , 9, e173-e182	4	

83	Protein Kinases in the Heart: Lessons Learned from Targeted Cancer Therapeutics 2012 , 689-696			
82	CDK4/6 inhibition antagonizes the cytotoxic response to anthracycline therapy. <i>Cell Cycle</i> , 2012 , 11, 2747-55	113		
81	Glycogen synthase kinase-3 limits ischemic injury, cardiac rupture, post-myocardial infarction remodeling and death. <i>Circulation</i> , 2012 , 125, 65-75	16.7	48	
80	Targeting GSK-3 family members in the heart: a very sharp double-edged sword. <i>Journal of Molecular and Cellular Cardiology</i> , 2011 , 51, 607-13	5.8	54	
79	Wnt signaling exerts an antiproliferative effect on adult cardiac progenitor cells through IGFBP3. <i>Circulation Research</i> , 2011 , 109, 1363-74	15.7	71	
78	Cardiotoxicity of kinase inhibitors: the prediction and translation of preclinical models to clinical outcomes. <i>Nature Reviews Drug Discovery</i> , 2011 , 10, 111-26	64.1	254	
77	Cytosolic phospholipase A(2) protects against ischemia/reperfusion injury in the heart. <i>Clinical and Translational Science</i> , 2011 , 4, 236-42	4.9	16	
76	A novel cardioprotective p38-MAPK/mTOR pathway. <i>Experimental Cell Research</i> , 2011 , 317, 2938-49	4.2	59	
75	Cardiovascular side effects of cancer therapies: a position statement from the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2011 , 13, 1-10	12.3	295	
74	A novel preclinical strategy for identifying cardiotoxic kinase inhibitors and mechanisms of cardiotoxicity. <i>Circulation Research</i> , 2011 , 109, 1401-9	15.7	67	
73	Cardiotoxicity due to cancer therapy. <i>Texas Heart Institute Journal</i> , 2011 , 38, 253-6	0.8	18	
72	GSK-3alpha directly regulates beta-adrenergic signaling and the response of the heart to hemodynamic stress in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 2280-91	15.9	44	
71	Introduction to cardiotoxicity review series. <i>Circulation Research</i> , 2010 , 106, 19-20	15.7	8	
70	Molecular mechanisms of cardiovascular toxicity of targeted cancer therapeutics. <i>Circulation Research</i> , 2010 , 106, 21-34	15.7	159	
69	Glycogen synthase kinase-3beta regulates post-myocardial infarction remodeling and stress-induced cardiomyocyte proliferation in vivo. <i>Circulation Research</i> , 2010 , 106, 1635-45	15.7	88	
68	CCM3/PDCD10 stabilizes GCKIII proteins to promote Golgi assembly and cell orientation. <i>Journal of Cell Science</i> , 2010 , 123, 1274-84	5.3	92	
67	Mitogen-activated protein kinase signaling in the heart: angels versus demons in a heart-breaking tale. <i>Physiological Reviews</i> , 2010 , 90, 1507-46	47.9	519	
66	Developing small molecules to inhibit kinases unkind to the heart: p38 MAPK as a case in point. <i>Drug Discovery Today Disease Mechanisms</i> , 2010 , 7, e123-e127	21		

65	Why do kinase inhibitors cause cardiotoxicity and what can be done about it?. <i>Progress in Cardiovascular Diseases</i> , 2010 , 53, 114-20	8.5	65
64	Cyclophilin D controls mitochondrial pore-dependent Ca(2+) exchange, metabolic flexibility, and propensity for heart failure in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 3680-7	15.9	286
63	Serine 58 of 14-3-3zeta is a molecular switch regulating ASK1 and oxidant stress-induced cell death. <i>Molecular and Cellular Biology</i> , 2009 , 29, 4167-76	4.8	59
62	Unique and overlapping functions of GSK-3 isoforms in cell differentiation and proliferation and cardiovascular development. <i>Journal of Biological Chemistry</i> , 2009 , 284, 9643-7	5.4	99
61	Sunitinib-induced cardiotoxicity is mediated by off-target inhibition of AMP-activated protein kinase. <i>Clinical and Translational Science</i> , 2009 , 2, 15-25	4.9	177
60	Cardiotoxicity of the new cancer therapeutics--mechanisms of, and approaches to, the problem. <i>Drug Discovery Today</i> , 2008 , 13, 778-84	8.8	77
59	17 Beta-estradiol differentially affects left ventricular and cardiomyocyte hypertrophy following myocardial infarction and pressure overload. <i>Journal of Cardiac Failure</i> , 2008 , 14, 245-53	3.3	65
58	Cardiotoxicity associated with sunitinib [AuthorsQeply. <i>Lancet, The</i> , 2008 , 371, 1245	40	2
57	Mechanisms of cardiac dysfunction associated with tyrosine kinase inhibitor cancer therapeutics. <i>Circulation</i> , 2008 , 118, 84-95	16.7	260
56	SOK1 translocates from the Golgi to the nucleus upon chemical anoxia and induces apoptotic cell death. <i>Journal of Biological Chemistry</i> , 2008 , 283, 16248-58	5.4	37
55	Deletion of GSK-3beta in mice leads to hypertrophic cardiomyopathy secondary to cardiomyoblast hyperproliferation. <i>Journal of Clinical Investigation</i> , 2008 , 118, 3609-18	15.9	177
54	In reply to @Cardiotoxicity of the cancer therapeutic agent imatinib mesylate[Nature Medicine, 2007 , 13, 15-16]	50.5	43
53	Molecular mechanisms of cardiotoxicity of tyrosine kinase inhibition. <i>Nature Reviews Cancer</i> , 2007 , 7, 332-44	31.3	628
52	Glycogen synthase kinase-3beta -- actively inhibiting hypertrophy. <i>Trends in Cardiovascular Medicine</i> , 2007 , 17, 91-6	6.9	32
51	Molecular scaffolds regulate bidirectional crosstalk between Wnt and classical seven-transmembrane-domain receptor signaling pathways. <i>Science& STKE: Signal Transduction Knowledge Environment</i> , 2007 , 2007, pe41		21
50	Helix-loop-helix protein p8, a transcriptional regulator required for cardiomyocyte hypertrophy and cardiac fibroblast matrix metalloprotease induction. <i>Molecular and Cellular Biology</i> , 2007 , 27, 993-1006	4.8	42
49	Cardiotoxicity associated with tyrosine kinase inhibitor sunitinib. <i>Lancet, The</i> , 2007 , 370, 2011-9	40	843
48	The GCK II and III subfamilies of the STE20 group kinases. <i>Frontiers in Bioscience - Landmark</i> , 2007 , 12, 850-9	2.8	39

47	Recent insights into cardiac hypertrophy and left ventricular remodeling. <i>Current Heart Failure Reports</i> , 2006 , 3, 14-8	2.8	17
46	Gene 33/RALT is induced by hypoxia in cardiomyocytes, where it promotes cell death by suppressing phosphatidylinositol 3-kinase and extracellular signal-regulated kinase survival signaling. <i>Molecular and Cellular Biology</i> , 2006 , 26, 5043-54	4.8	31
45	Activation of beta-catenin signaling pathways by classical G-protein-coupled receptors: mechanisms and consequences in cycling and non-cycling cells. <i>Cell Cycle</i> , 2006 , 5, 2295-300	4.7	39
44	The beta-catenin/T-cell factor/lymphocyte enhancer factor signaling pathway is required for normal and stress-induced cardiac hypertrophy. <i>Molecular and Cellular Biology</i> , 2006 , 26, 4462-73	4.8	113
43	Cardiac Hypertrophy 2006 , 146-156		
42	c-Jun N-terminal kinases mediate reactivation of Akt and cardiomyocyte survival after hypoxic injury in vitro and in vivo. <i>Circulation Research</i> , 2006 , 98, 111-8	15.7	111
41	Cardiotoxicity of the cancer therapeutic agent imatinib mesylate. <i>Nature Medicine</i> , 2006 , 12, 908-16	50.5	920
40	Protein kinase cascades in the regulation of cardiac hypertrophy. <i>Journal of Clinical Investigation</i> , 2005 , 115, 527-37	15.9	476
39	Targeted deletion of integrin-linked kinase reveals a role in T-cell chemotaxis and survival. <i>Molecular and Cellular Biology</i> , 2005 , 25, 11145-55	4.8	44
38	Glycogen-Synthase Kinase3beta/beta-catenin axis promotes angiogenesis through activation of vascular endothelial growth factor signaling in endothelial cells. <i>Circulation Research</i> , 2005 , 96, 308-18	15.7	129
37	Glycogen synthase kinase-3beta regulates growth, calcium homeostasis, and diastolic function in the heart. <i>Journal of Biological Chemistry</i> , 2004 , 279, 21383-93	5.4	99
36	Integrin-linked kinase regulates endothelial cell survival and vascular development. <i>Molecular and Cellular Biology</i> , 2004 , 24, 8134-44	4.8	119
35	Inhibitors of protein kinase signaling pathways: emerging therapies for cardiovascular disease. <i>Circulation</i> , 2004 , 109, 1196-205	16.7	114
34	17beta-estradiol reduces cardiomyocyte apoptosis in vivo and in vitro via activation of phospho-inositide-3 kinase/Akt signaling. <i>Circulation Research</i> , 2004 , 95, 692-9	15.7	270
33	Stabilization of beta-catenin by a Wnt-independent mechanism regulates cardiomyocyte growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 4610-5	11.5	198
32	Evidence that phosphatidylinositol 3-kinase- and mitogen-activated protein kinase kinase-4/c-Jun NH2-terminal kinase-dependent Pathways cooperate to maintain lung cancer cell survival. <i>Journal of Biological Chemistry</i> , 2003 , 278, 23630-8	5.4	47
31	Renal ischemia/reperfusion and ATP depletion/repletion in LLC-PK(1) cells result in phosphorylation of FKHR and FKHLR1. <i>Kidney International</i> , 2003 , 64, 1189-98	9.9	65
30	Deletion of cytosolic phospholipase A2 promotes striated muscle growth. <i>Nature Medicine</i> , 2003 , 9, 944-50.5	50.5	76

29	Role of integrin-linked kinase in leukocyte recruitment. <i>Journal of Biological Chemistry</i> , 2002 , 277, 16371-54	38
28	Stretch-activated pathways and left ventricular remodeling. <i>Journal of Cardiac Failure</i> , 2002 , 8, S351-8	33 36
27	Apoptosis Signal-Regulating Kinase/Nuclear Factor-B. <i>Circulation</i> , 2002 , 105, 402-404	16.7 10
26	Role of phosphoinositide 3-kinase in monocyte recruitment under flow conditions. <i>Journal of Biological Chemistry</i> , 2001 , 276, 26846-51	5.4 55
25	PLIP, a novel splice variant of Tip60, interacts with group IV cytosolic phospholipase A(2), induces apoptosis, and potentiates prostaglandin production. <i>Molecular and Cellular Biology</i> , 2001 , 21, 4470-81	4.8 60
24	Up-regulation of apoptosis inhibitory protein IAP-2 by hypoxia. Hif-1-independent mechanisms. <i>Journal of Biological Chemistry</i> , 2001 , 276, 18702-9	5.4 121
23	Differential activation of signal transduction pathways in human hearts with hypertrophy versus advanced heart failure. <i>Circulation</i> , 2001 , 103, 670-7	16.7 359
22	Calcineurin promotes protein kinase C and c-Jun NH ₂ -terminal kinase activation in the heart. Cross-talk between cardiac hypertrophic signaling pathways. <i>Journal of Biological Chemistry</i> , 2000 , 275, 13571-9	5.4 177
21	Gene 33/Mig-6, a transcriptionally inducible adapter protein that binds GTP-Cdc42 and activates SAPK/JNK. A potential marker transcript for chronic pathologic conditions, such as diabetic nephropathy. Possible role in the response to persistent stress. <i>Journal of Biological Chemistry</i> , 2000 , 275, 17838-47	5.4 107
20	Glycogen synthase kinase-3beta is a negative regulator of cardiomyocyte hypertrophy. <i>Journal of Cell Biology</i> , 2000 , 151, 117-30	7.3 335
19	Hsp72-mediated suppression of c-Jun N-terminal kinase is implicated in development of tolerance to caspase-independent cell death. <i>Molecular and Cellular Biology</i> , 2000 , 20, 6826-36	4.8 143
18	HSP72 can protect cells from heat-induced apoptosis by accelerating the inactivation of stress kinase JNK. <i>Cell Stress and Chaperones</i> , 2000 , 5, 139-47	4 38
17	Calcineurin inhibitors and cardiac hypertrophy. <i>Lancet, The</i> , 1999 , 353, 1290-2	40 19
16	Regulation of cardiac hypertrophy in vivo by the stress-activated protein kinases/c-Jun NH(2)-terminal kinases. <i>Journal of Clinical Investigation</i> , 1999 , 104, 391-8	15.9 141
15	Growth factors and mitogen-activated protein kinases. <i>Hypertension</i> , 1998 , 31, 152-61	8.5 295
14	Mitogen-activated protein kinases and transcriptional responses in renal injury and repair. <i>Current Opinion in Nephrology and Hypertension</i> , 1998 , 7, 425-33	3.5 22
13	Mechanisms of Endothelin-Induced Mitogenesis in Vascular Smooth Muscle 1998 , 121-166	3
12	Activation of the Ste20-like oxidant stress response kinase-1 during the initial stages of chemical anoxia-induced necrotic cell death. Requirement for dual inputs of oxidant stress and increased cytosolic [Ca ²⁺]. <i>Journal of Biological Chemistry</i> , 1997 , 272, 29372-9	5.4 37

11	Nerve growth factor decreases soluble guanylate cyclase in rat pheochromocytoma PC12 cells. <i>Journal of Biological Chemistry</i> , 1997 , 272, 6038-43	5.4	44
10	Stress-activated protein kinases in cardiovascular disease. <i>Circulation Research</i> , 1996 , 78, 947-53	15.7	141
9	Activation of the SAPK pathway by the human STE20 homologue germinal centre kinase. <i>Nature</i> , 1995 , 377, 750-4	50.4	212
8	Ischemia and reperfusion enhance ATF-2 and c-Jun binding to cAMP response elements and to an AP-1 binding site from the c-jun promoter. <i>Journal of Biological Chemistry</i> , 1995 , 270, 30084-92	5.4	100
7	Spatial and temporal variability in the pattern of recovery of ventricular geometry and function after acute occlusion and reperfusion. <i>American Heart Journal</i> , 1994 , 127, 1231-41	4.9	15
6	Acute reduction in functional infarct expansion with late coronary reperfusion: assessment with quantitative two-dimensional echocardiography. <i>Journal of the American College of Cardiology</i> , 1988 , 11, 192-200	15.1	91
5	Quantitative Methods for Analyzing Regional Systolic Function with Two-Dimensional Echocardiography. <i>Echocardiography</i> , 1986 , 3, 319-331	1.5	14
4	Calcified left atrial mass associated with mitral valve prolapse. <i>American Heart Journal</i> , 1986 , 111, 1205-7	4.9	2
3	In vivo prediction of the transmural extent of experimental acute myocardial infarction using contrast echocardiography. <i>Journal of the American College of Cardiology</i> , 1986 , 8, 143-9	15.1	42
2	Postextrasystolic potentiation during acute myocardial infarction: predicting presence of viable myocardium. <i>American Journal of Cardiology</i> , 1985 , 56, 1003-4	3	
1	Exercise Testing and Ambulatory Monitoring in Patients With Preexcitation Syndrome. <i>Archives of Internal Medicine</i> , 1981 , 141, 88		8