

Joan Heller Brown

List of Publications by Year in descending order

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175
papers

17,763
citations

9786

73
h-index

12946

131
g-index

178
all docs

178
docs citations

178
times ranked

15103
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-occurrence of <i>BAP1</i> and <i>SF3B1</i> mutations in uveal melanoma induces cellular senescence. <i>Molecular Oncology</i> , 2022, 16, 607-629.	4.6	12
2	Splicing and Dicing: A Deeper Dive Into CaMKII δ and Cardiac Inflammation. <i>Circulation Research</i> , 2022, 130, 904-906.	4.5	1
3	Effects of mango and mint pod-based e-cigarette aerosol inhalation on inflammatory states of the brain, lung, heart, and colon in mice. <i>ELife</i> , 2022, 11, .	6.0	22
4	RhoA signaling increases mitophagy and protects cardiomyocytes against ischemia by stabilizing PINK1 protein and recruiting Parkin to mitochondria. <i>Cell Death and Differentiation</i> , 2022, 29, 2472-2486.	11.2	12
5	The contribution of the cardiomyocyte to tissue inflammation in cardiomyopathies. <i>Current Opinion in Physiology</i> , 2021, 19, 129-134.	1.8	6
6	Spatiotemporal restriction of endothelial cell calcium signaling is required during leukocyte transmigration. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	17
7	SiglecF(HI) Marks Late-Stage Neutrophils of the Infarcted Heart: A Single-Cell Transcriptomic Analysis of Neutrophil Diversification. <i>Journal of the American Heart Association</i> , 2021, 10, e019019.	3.7	41
8	ATPase Inhibitory Factor-1 Disrupts Mitochondrial Ca ²⁺ Handling and Promotes Pathological Cardiac Hypertrophy through CaMKII δ . <i>International Journal of Molecular Sciences</i> , 2021, 22, 4427.	4.1	9
9	Histamine-induced biphasic activation of RhoA allows for persistent RhoA signaling. <i>PLoS Biology</i> , 2020, 18, e3000866.	5.6	6
10	CaMKII δ Drives Early Adaptive Ca ²⁺ Change and Late Eccentric Cardiac Hypertrophy. <i>Circulation Research</i> , 2020, 127, 1159-1178.	4.5	31
11	Hyperglycemia Acutely Increases Cytosolic Reactive Oxygen Species via <i>O</i> -linked GlcNAcylation and CaMKII Activation in Mouse Ventricular Myocytes. <i>Circulation Research</i> , 2020, 126, e80-e96.	4.5	82
12	Inflammation in nonischemic heart disease: initiation by cardiomyocyte CaMKII and NLRP3 inflammasome signaling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H877-H890.	3.2	54
13	CaMKII δ -mediated inflammatory gene expression and inflammasome activation in cardiomyocytes initiate inflammation and induce fibrosis. <i>JCI Insight</i> , 2018, 3, .	5.0	88
14	Inflammation and NLRP3 Inflammasome Activation Initiated in Response to Pressure Overload by Ca ²⁺ /Calmodulin-Dependent Protein Kinase II δ Signaling in Cardiomyocytes Are Essential for Adverse Cardiac Remodeling. <i>Circulation</i> , 2018, 138, 2530-2544.	1.6	200
15	RhoA regulates Drp1 mediated mitochondrial fission through ROCK to protect cardiomyocytes. <i>Cellular Signalling</i> , 2018, 50, 48-57.	3.6	49
16	Chronic inhalation of e-cigarette vapor containing nicotine disrupts airway barrier function and induces systemic inflammation and multiorgan fibrosis in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R834-R847.	1.8	152
17	YAP and MRTF-A, transcriptional co-activators of RhoA-mediated gene expression, are critical for glioblastoma tumorigenicity. <i>Oncogene</i> , 2018, 37, 5492-5507.	5.9	49
18	A secretory pathway kinase regulates sarcoplasmic reticulum Ca ²⁺ homeostasis and protects against heart failure. <i>ELife</i> , 2018, 7, .	6.0	22

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19	RhoA mediated transcriptional pathways in tumor cell growth. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, SY84-1.	0.0	0
20	Calcium/Calmodulin-dependent Protein Kinase II (CaMKII) Signaling in Cardiomyocytes Initiates Inflammatory Responses Required for Adverse Cardiac Remodeling in Response to Pressure Overload.. FASEB Journal, 2018, 32, 698.4.	0.5	0
21	CaMKII β subtypes differentially regulate infarct formation following ex vivo myocardial ischemia/reperfusion through NF- κ B and TNF- α . Journal of Molecular and Cellular Cardiology, 2017, 103, 48-55.	1.9	62
22	Sphingosine 1-phosphate receptor 3 and RhoA signaling mediate inflammatory gene expression in astrocytes. Journal of Neuroinflammation, 2017, 14, 111.	7.2	79
23	Selective coupling of the S1P 3 receptor subtype to S1P-mediated RhoA activation and cardioprotection. Journal of Molecular and Cellular Cardiology, 2017, 103, 1-10.	1.9	33
24	Decline in cellular function of aged mouse α -catenin cardiac progenitor cells. Journal of Physiology, 2017, 595, 6249-6262.	2.9	25
25	Bitopic Sphingosine 1-Phosphate Receptor 3 (S1P3) Antagonist Rescue from Complete Heart Block: Pharmacological and Genetic Evidence for Direct S1P3 Regulation of Mouse Cardiac Conduction. Molecular Pharmacology, 2016, 89, 176-186.	2.3	41
26	Exercise training reverses myocardial dysfunction induced by CaMKII β C overexpression by restoring Ca ²⁺ homeostasis. Journal of Applied Physiology, 2016, 121, 212-220.	2.5	14
27	Sphingosine 1-phosphate elicits RhoA-dependent proliferation and MRTF-A mediated gene induction in CPCs. Cellular Signalling, 2016, 28, 871-879.	3.6	15
28	Drp1 and Mitochondrial Autophagy Lend a Helping Hand in Adaptation to Pressure Overload. Circulation, 2016, 133, 1225-1227.	1.6	7
29	Myocardin-Related Transcription Factor A and Yes-Associated Protein Exert Dual Control in G Protein-Coupled Receptor- and RhoA-Mediated Transcriptional Regulation and Cell Proliferation. Molecular and Cellular Biology, 2016, 36, 39-49.	2.3	82
30	Reductions in the Cardiac Transient Outward K ⁺ Current Ito Caused by Chronic β 2-Adrenergic Receptor Stimulation Are Partly Rescued by Inhibition of Nuclear Factor κ B. Journal of Biological Chemistry, 2016, 291, 4156-4165.	3.4	19
31	Thrombin Promotes Sustained Signaling and Inflammatory Gene Expression through the CDC25 and Ras-associating Domains of Phospholipase C μ . Journal of Biological Chemistry, 2015, 290, 26776-26783.	3.4	16
32	The First 50 Years of Molecular Pharmacology. Molecular Pharmacology, 2015, 88, 139-140.	2.3	4
33	Mitochondrial Reprogramming Induced by CaMKII β Mediates Hypertrophy Decompensation. Circulation Research, 2015, 116, e28-39.	4.5	47
34	CaMKII β mediates β 2-adrenergic effects on RyR2 phosphorylation and SR Ca ²⁺ leak and the pathophysiological response to chronic β 2-adrenergic stimulation. Journal of Molecular and Cellular Cardiology, 2015, 85, 282-291.	1.9	69
35	G Protein-Coupled Receptor and RhoA-Stimulated Transcriptional Responses: Links to Inflammation, Differentiation, and Cell Proliferation. Molecular Pharmacology, 2015, 88, 171-180.	2.3	93
36	PLC μ mediated sustained signaling pathways. Advances in Biological Regulation, 2015, 57, 17-23.	2.3	26

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37	CaMKII δ subtypes: localization and function. <i>Frontiers in Pharmacology</i> , 2014, 5, 15.	3.5	67
38	<scp>CaMKII</scp> confirms its promise in ischaemic heart disease. <i>European Journal of Heart Failure</i> , 2014, 16, 1268-1269.	7.1	3
39	In vivo selective expression of thyroid hormone receptor $\beta 1$ in endothelial cells attenuates myocardial injury in experimental myocardial infarction in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R340-R346.	1.8	21
40	Nonequilibrium Reactivation of Na ⁺ Current Drives Early Afterdepolarizations in Mouse Ventricle. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 1205-1213.	4.8	42
41	The Ras-related Protein, Rap1A, Mediates Thrombin-stimulated, Integrin-dependent Glioblastoma Cell Proliferation and Tumor Growth. <i>Journal of Biological Chemistry</i> , 2014, 289, 17689-17698.	3.4	47
42	Intracellular signalling mechanism responsible for modulation of sarcolemmal ATP-sensitive potassium channels by nitric oxide in ventricular cardiomyocytes. <i>Journal of Physiology</i> , 2014, 592, 971-990.	2.9	48
43	CaMKII-dependent phosphorylation of cardiac ryanodine receptors regulates cell death in cardiac ischemia/reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 74, 274-283.	1.9	61
44	Induction of the matricellular protein CCN1 through RhoA and MRTF-A contributes to ischemic cardioprotection. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 75, 152-161.	1.9	29
45	PLC β , PKD1, and SSH1L Transduce RhoA Signaling to Protect Mitochondria from Oxidative Stress in the Heart. <i>Science Signaling</i> , 2013, 6, ra108.	3.6	54
46	Ca ²⁺ /Calmodulin-Dependent Protein Kinase II β Mediates Myocardial Ischemia/Reperfusion Injury Through Nuclear Factor- κ B. <i>Circulation Research</i> , 2013, 112, 935-944.	4.5	148
47	Lysophospholipid receptor activation of RhoA and lipid signaling pathways. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 213-222.	2.4	68
48	Epac2 Mediates Cardiac $\beta 1$ -Adrenergic-Dependent Sarcoplasmic Reticulum Ca ²⁺ Leak and Arrhythmia. <i>Circulation</i> , 2013, 127, 913-922.	1.6	145
49	The promise of CaMKII inhibition for heart disease: preventing heart failure and arrhythmias. <i>Expert Opinion on Therapeutic Targets</i> , 2013, 17, 889-903.	3.4	26
50	Phospholipase C δ links G protein-coupled receptor activation to inflammatory astrocytic responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3609-3614.	7.1	70
51	RhoA and Rap1 mediate GPCR crosstalk to integrins and cell growth. <i>FASEB Journal</i> , 2013, 27, 338.1.	0.5	0
52	Regulation of the Hippo-YAP pathway by protease-activated receptors (PARs). <i>Genes and Development</i> , 2012, 26, 2138-2143.	5.9	239
53	APJ acts as a dual receptor in cardiac hypertrophy. <i>Nature</i> , 2012, 488, 394-398.	27.8	204
54	CaMKII γ Slows [Ca] _i Decline in Cardiac Myocytes by Promoting Ca Sparks. <i>Biophysical Journal</i> , 2012, 102, 2461-2470.	0.5	28

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55	Identification of Potential Small Molecule Binding Pockets on Rho Family GTPases. PLoS ONE, 2012, 7, e40809.	2.5	15
56	Role of phospholipase C μ in physiological phosphoinositide signaling networks. Cellular Signalling, 2012, 24, 1333-1343.	3.6	130
57	Thrombin stimulated glioblastoma cell adhesion is mediated by Rap1 and integrin activation. FASEB Journal, 2012, 26, 664.8.	0.5	0
58	S1P induces CCN1 expression through RhoA/MRTF α activation and protects cardiomyocytes against cell death. FASEB Journal, 2012, 26, 1060.4.	0.5	0
59	Crossing signals: relationships between β^2 -adrenergic stimulation and CaMKII activation. Heart Rhythm, 2011, 8, 1296-1298.	0.7	17
60	Overexpression of CaMKII δ in RyR2R4496C+/ α^+ Knock-In Mice Leads to Altered Intracellular Ca ²⁺ Handling and Increased Mortality. Journal of the American College of Cardiology, 2011, 57, 469-479.	2.8	34
61	CaMKII in myocardial hypertrophy and heart failure. Journal of Molecular and Cellular Cardiology, 2011, 51, 468-473.	1.9	383
62	RhoA protects the mouse heart against ischemia/reperfusion injury. Journal of Clinical Investigation, 2011, 121, 3269-3276.	8.2	83
63	Location Matters. Circulation Research, 2011, 109, 1354-1362.	4.5	70
64	Mitochondrial translocation of Nur77 mediates cardiomyocyte apoptosis. European Heart Journal, 2011, 32, 2179-2188.	2.2	79
65	A Critical Function for Ser-282 in Cardiac Myosin Binding Protein-C Phosphorylation and Cardiac Function. Circulation Research, 2011, 109, 141-150.	4.5	113
66	Novel Allosteric Sites on Ras for Lead Generation. PLoS ONE, 2011, 6, e25711.	2.5	155
67	RhoA activates protein kinase D leading to cardioprotection against ischemia/reperfusion. FASEB Journal, 2011, 25, 1085.11.	0.5	0
68	Cardiac Hypertrophy and Heart Failure Development Through Gq and CaM Kinase II Signaling. Journal of Cardiovascular Pharmacology, 2010, 56, 598-603.	1.9	48
69	Revisited and Revised: Is RhoA Always a Villain in Cardiac Pathophysiology?. Journal of Cardiovascular Translational Research, 2010, 3, 330-343.	2.4	44
70	Phospholamban Ablation Rescues Sarcoplasmic Reticulum Ca ²⁺ Handling but Exacerbates Cardiac Dysfunction in CaMKII δ C ⁻ Transgenic Mice. Circulation Research, 2010, 106, 354-362.	4.5	95
71	PHLPP-1 Negatively Regulates Akt Activity and Survival in the Heart. Circulation Research, 2010, 107, 476-484.	4.5	115
72	β^2 -Adrenergic receptor signaling in the heart: Role of CaMKII. Journal of Molecular and Cellular Cardiology, 2010, 48, 322-330.	1.9	198

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73	β 2-Adrenergic receptor stimulated Ncx1 upregulation is mediated via a CaMKII/AP-1 signaling pathway in adult cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2010, 48, 342-351.	1.9	34
74	MTORC1 regulates cardiac function and myocyte survival through 4E-BP1 inhibition in mice. Journal of Clinical Investigation, 2010, 120, 2805-2816.	8.2	291
75	Cyclophilin D controls mitochondrial pore-dependent Ca ²⁺ exchange, metabolic flexibility, and propensity for heart failure in mice. Journal of Clinical Investigation, 2010, 120, 3680-3687.	8.2	333
76	Inducible cardiac-specific RhoA expression protects against ischemia/reperfusion injury in mouse hearts. FASEB Journal, 2010, 24, 573.11.	0.5	0
77	Thrombin mediated PAR1 stimulation results in sustained activation of Rap1 and downstream responses in human 1321N1 astrogloma cells. FASEB Journal, 2010, 24, 769.16.	0.5	0
78	Akt Increases Sarcoplasmic Reticulum Ca ²⁺ Cycling by Direct Phosphorylation of Phospholamban at Thr17. Journal of Biological Chemistry, 2009, 284, 28180-28187.	3.4	62
79	Calcium/Calmodulin-Dependent Protein Kinase II Contributes to Cardiac Arrhythmogenesis in Heart Failure. Circulation: Heart Failure, 2009, 2, 664-675.	3.9	158
80	Akt regulates L-type Ca ²⁺ channel activity by modulating Cav1.1 protein stability. Journal of Cell Biology, 2009, 184, 923-933.	5.2	101
81	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
82	Akt mediated mitochondrial protection in the heart: metabolic and survival pathways to the rescue. Journal of Bioenergetics and Biomembranes, 2009, 41, 169-180.	2.3	90
83	Endoplasmic reticulum-mitochondria crosstalk in NIX-mediated murine cell death. Journal of Clinical Investigation, 2009, 119, 203-12.	8.2	115
84	Requirement for Ca ²⁺ /calmodulin-dependent kinase II in the transition from pressure overload-induced cardiac hypertrophy to heart failure in mice. Journal of Clinical Investigation, 2009, 119, 1230-1240.	8.2	333
85	Akt regulates L-type Ca ²⁺ channel activity by modulating Cav1.1 protein stability. Journal of General Physiology, 2009, 133, i4-i4.	1.9	1
86	Pulsatile equibiaxial stretch inhibits thrombin-induced RhoA and NF- κ B activation. Biochemical and Biophysical Research Communications, 2008, 372, 216-220.	2.1	3
87	Sphingosine-1-phosphate receptor signalling in the heart. Cardiovascular Research, 2008, 82, 193-200.	3.8	217
88	S1P1 Receptor Localization Confers Selectivity for Gi-mediated cAMP and Contractile Responses. Journal of Biological Chemistry, 2008, 283, 11954-11963.	3.4	71
89	Focal Adhesion Kinase as a RhoA-activable Signaling Scaffold Mediating Akt Activation and Cardiomyocyte Protection. Journal of Biological Chemistry, 2008, 283, 35622-35629.	3.4	96
90	Thrombin receptor and RhoA mediate cell proliferation through integrins and cysteine-rich protein 61. FASEB Journal, 2008, 22, 4011-4021.	0.5	43

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91	Lipid signalling in cardiovascular pathophysiology. Cardiovascular Research, 2008, 82, 171-174.	3.8	5
92	G Protein-Coupled Receptors Go Extracellular: RhoA Integrates the Integrins. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2008, 8, 165-173.	3.4	36
93	An FHL1-containing complex within the cardiomyocyte sarcomere mediates hypertrophic biomechanical stress responses in mice. Journal of Clinical Investigation, 2008, 118, 3870-3880.	8.2	211
94	S1P receptor localization confers selectivity for G i mediated signaling pathways. FASEB Journal, 2008, 22, 727.6.	0.5	0
95	Impact of CaMKII Localization on Function. FASEB Journal, 2008, 22, 911.2.	0.5	0
96	Thrombin mediated regulation of CCN1 regulates cell proliferation in an integrin dependent manner. FASEB Journal, 2008, 22, 1044.13.	0.5	0
97	Role of calmodulin kinase II in inotropic effect of β_1 adrenergic stimulation in the heart. FASEB Journal, 2008, 22, 970.18.	0.5	0
98	Tumor Necrosis Factor- α -stimulated Cell Proliferation Is Mediated through Sphingosine Kinase-dependent Akt Activation and Cyclin D Expression. Journal of Biological Chemistry, 2007, 282, 863-870.	3.4	66
99	RhoA/Rho Kinase Up-regulate Bax to Activate a Mitochondrial Death Pathway and Induce Cardiomyocyte Apoptosis. Journal of Biological Chemistry, 2007, 282, 8069-8078.	3.4	124
100	Sphingosine 1-phosphate S1P2 and S1P3 receptor-mediated Akt activation protects against in vivo myocardial ischemia-reperfusion injury. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H2944-H2951.	3.2	210
101	Calmodulin and Ca ²⁺ /calmodulin kinases in the heart " Physiology and pathophysiology. Cardiovascular Research, 2007, 73, 629-630.	3.8	30
102	Phospholipase C μ is a nexus for Rho and Rap-mediated G protein-coupled receptor-induced astrocyte proliferation. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15543-15548.	7.1	67
103	CaMKII γ Isoforms Differentially Affect Calcium Handling but Similarly Regulate HDAC/MEF2 Transcriptional Responses. Journal of Biological Chemistry, 2007, 282, 35078-35087.	3.4	182
104	C α_1 q expression activates EGFR and induces Akt mediated cardiomyocyte survival: dissociation from C α_1 q mediated hypertrophy. Journal of Molecular and Cellular Cardiology, 2006, 40, 597-604.	1.9	36
105	Increased Sarcoplasmic Reticulum Calcium Leak but Unaltered Contractility by Acute CaMKII Overexpression in Isolated Rabbit Cardiac Myocytes. Circulation Research, 2006, 98, 235-244.	4.5	171
106	The Rac and Rho Hall of Fame. Circulation Research, 2006, 98, 730-742.	4.5	311
107	Local InsP3-dependent perinuclear Ca ²⁺ signaling in cardiac myocyte excitation-transcription coupling. Journal of Clinical Investigation, 2006, 116, 675-682.	8.2	427
108	Rho Kinase Polymorphism Influences Blood Pressure and Systemic Vascular Resistance in Human Twins. Hypertension, 2006, 47, 937-947.	2.7	70

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109	Ca ²⁺ /calmodulin-dependent protein kinase II regulates cardiac Na ⁺ channels. Journal of Clinical Investigation, 2006, 116, 3127-3138.	8.2	474
110	Phospholamban Ablation Rescues SR Ca ²⁺ Loading But Not Cardiac Function In CaMKII β C Transgenic Mice. FASEB Journal, 2006, 20, A1124.	0.5	0
111	Activated RhoA Induces Cardiomyocyte Apoptosis via a Mitochondrial Death Pathway. FASEB Journal, 2006, 20, A234.	0.5	0
112	Role of S1P signaling in TNF α -mediated I321N1 cell proliferation. FASEB Journal, 2006, 20, A697.	0.5	0
113	Ca ²⁺ Dysregulation Induces Mitochondrial Depolarization and Apoptosis. Journal of Biological Chemistry, 2005, 280, 38505-38512.	3.4	57
114	Role of Ca ²⁺ /calmodulin-dependent protein kinase II in cardiac hypertrophy and heart failure. Cardiovascular Research, 2004, 63, 476-486.	3.8	259
115	Rho-mediated cytoskeletal rearrangement in response to LPA is functionally antagonized by Rac1 and PIP2. Journal of Neurochemistry, 2004, 91, 501-512.	3.9	32
116	G protein mediated signaling pathways in lysophospholipid induced cell proliferation and survival. Journal of Cellular Biochemistry, 2004, 92, 949-966.	2.6	181
117	Cardiovascular Signaling Pathways. , 2004, , 123-174.		0
118	Lysophosphatidic acid induces hypertrophy of neonatal cardiac myocytes via activation of Gi and Rho. Journal of Molecular and Cellular Cardiology, 2004, 36, 481-493.	1.9	60
119	RHO SIGNALING in Vascular Diseases. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2004, 4, 348-357.	3.4	62
120	Cardiomyocyte Calcium and Calcium/Calmodulin-dependent Protein Kinase II: Friends or Foes?. Endocrine Reviews, 2004, 59, 141-168.	6.7	56
121	RGS16 inhibits signalling through the G α 13-Rho axis. Nature Cell Biology, 2003, 5, 1095-1103.	10.3	41
122	UTP but not ATP causes hypertrophic growth in neonatal rat cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2003, 35, 287-292.	1.9	21
123	Upregulation of GLUT1 expression is necessary for hypertrophy and survival of neonatal rat cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2003, 35, 1217-1227.	1.9	46
124	Protein kinase C δ -dependent activation of proline-rich tyrosine kinase 2 in neonatal rat ventricular myocytes. Journal of Molecular and Cellular Cardiology, 2003, 35, 1121-1133.	1.9	31
125	Inhibition of Cardiac Myocyte Apoptosis Improves Cardiac Function and Abolishes Mortality in the Peripartum Cardiomyopathy of G α q Transgenic Mice. Circulation, 2003, 108, 3036-3041.	1.6	205
126	Transgenic CaMKII β C Overexpression Uniquely Alters Cardiac Myocyte Ca ²⁺ -Handling. Circulation Research, 2003, 92, 904-911.	4.5	409

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127	Initiation and Transduction of Stretch-induced RhoA and Rac1 Activation through Caveolae. Journal of Biological Chemistry, 2003, 278, 31111-31117.	3.4	181
128	Akt-mediated Cardiomyocyte Survival Pathways Are Compromised by G α q-induced Phosphoinositide 4,5-Bisphosphate Depletion. Journal of Biological Chemistry, 2003, 278, 40343-40351.	3.4	68
129	The β 1 Isoform of CaMKII Is Activated in Cardiac Hypertrophy and Induces Dilated Cardiomyopathy and Heart Failure. Circulation Research, 2003, 92, 912-919.	4.5	528
130	Linkage of β 1-adrenergic stimulation to apoptotic heart cell death through protein kinase A α -independent activation of Ca ²⁺ /calmodulin kinase II. Journal of Clinical Investigation, 2003, 111, 617-625.	8.2	215
131	Linkage of β 1-adrenergic stimulation to apoptotic heart cell death through protein kinase A α -independent activation of Ca ²⁺ /calmodulin kinase II. Journal of Clinical Investigation, 2003, 111, 617-625.	8.2	336
132	The Cardiac-specific Nuclear β Isoform of Ca ²⁺ /Calmodulin-dependent Protein Kinase II Induces Hypertrophy and Dilated Cardiomyopathy Associated with Increased Protein Phosphatase 2A Activity. Journal of Biological Chemistry, 2002, 277, 1261-1267.	3.4	219
133	c-Jun N-Terminal Kinase Activation Mediates Downregulation of Connexin43 in Cardiomyocytes. Circulation Research, 2002, 91, 640-647.	4.5	134
134	Marked Perinatal Lethality and Cellular Signaling Deficits in Mice Null for the Two Sphingosine 1-Phosphate (S1P) Receptors, S1P2/LPB2/EDG-5 and S1P3/LPB3/EDG-3. Journal of Biological Chemistry, 2002, 277, 25152-25159.	3.4	224
135	Inositol Polyphosphate 1-Phosphatase Is a Novel Antihypertrophic Factor. Journal of Biological Chemistry, 2002, 277, 22734-22742.	3.4	33
136	Characterization of ϵ 2 (Edg4) and ϵ 1 (Edg2) Lysophosphatidic Acid Receptor Knockout Mice: Signaling Deficits without Obvious Phenotypic Abnormality Attributable to ϵ 2. Molecular and Cellular Biology, 2002, 22, 6921-6929.	2.3	300
137	G-proteins in growth and apoptosis: lessons from the heart. Oncogene, 2001, 20, 1626-1634.	5.9	107
138	Selective Loss of Sphingosine 1-Phosphate Signaling with No Obvious Phenotypic Abnormality in Mice Lacking Its G Protein-coupled Receptor, LPB3/EDG-3. Journal of Biological Chemistry, 2001, 276, 33697-33704.	3.4	251
139	Physical and Functional Interactions of G α q with Rho and Its Exchange Factors. Journal of Biological Chemistry, 2001, 276, 15445-15452.	3.4	86
140	Increased Expression and Activity of RhoA Are Associated With Increased DNA Synthesis and Reduced p27 ^{Kip1} Expression in the Vasculature of Hypertensive Rats. Circulation Research, 2001, 89, 488-495.	4.5	125
141	The Rho effector, PKN, regulates ANF gene transcription in cardiomyocytes through a serum response element. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 278, H1769-H1774.	3.2	45
142	Cardiomyocyte Apoptosis Induced by G α q Signaling Is Mediated by Permeability Transition Pore Formation and Activation of the Mitochondrial Death Pathway. Circulation Research, 2000, 87, 1180-1187.	4.5	111
143	The Role of Rho in G Protein-Coupled Receptor Signal Transduction. Annual Review of Pharmacology and Toxicology, 2000, 40, 459-489.	9.4	339
144	Pertussis Toxin-Sensitive and -Insensitive Thrombin Stimulation of Shc Phosphorylation and Mitogenesis Are Mediated through Distinct Pathways. Molecular Endocrinology, 1999, 13, 1988-2001.	3.7	15

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145	Rho and Rho Kinase Mediate Thrombin-Stimulated Vascular Smooth Muscle Cell DNA Synthesis and Migration. <i>Circulation Research</i> , 1999, 84, 1186-1193.	4.5	254
146	A Rho Exchange Factor Mediates Thrombin and G_{12} -induced Cytoskeletal Responses. <i>Journal of Biological Chemistry</i> , 1999, 274, 26815-26821.	3.4	94
147	Gq Signaling in Cardiac Adaptation and Maladaptation. <i>Trends in Cardiovascular Medicine</i> , 1999, 9, 26-34.	4.9	157
148	Rho as a Mediator of G Protein-Coupled Receptor Signaling. <i>Molecular Pharmacology</i> , 1999, 55, 949-956.	2.3	224
149	Cardiac-specific overexpression of RhoA results in sinus and atrioventricular nodal dysfunction and contractile failure. <i>Journal of Clinical Investigation</i> , 1999, 103, 1627-1634.	8.2	232
150	Pertussis Toxin-Sensitive and -Insensitive Thrombin Stimulation of Shc Phosphorylation and Mitogenesis Are Mediated through Distinct Pathways. <i>Molecular Endocrinology</i> , 1999, 13, 1988-2001.	3.7	6
151	Tyrosine Kinase and c-Jun NH ₂ -Terminal Kinase Mediate Hypertrophic Responses to Prostaglandin F ₂ in Cultured Neonatal Rat Ventricular Myocytes. <i>Circulation Research</i> , 1998, 83, 167-178.	4.5	62
152	Requirement for Rho-mediated Myosin Light Chain Phosphorylation in Thrombin-stimulated Cell Rounding and Its Dissociation from Mitogenesis. <i>Journal of Biological Chemistry</i> , 1998, 273, 10099-10106.	3.4	74
153	Cardiac Muscle Cell Hypertrophy and Apoptosis Induced by Distinct Members of the p38 Mitogen-activated Protein Kinase Family. <i>Journal of Biological Chemistry</i> , 1998, 273, 2161-2168.	3.4	766
154	The Low Molecular Weight GTPase Rho Regulates Myofibril Formation and Organization in Neonatal Rat Ventricular Myocytes. <i>Journal of Biological Chemistry</i> , 1998, 273, 7725-7730.	3.4	176
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