

# Silvia Guatimosim

## List of Publications by Year in descending order

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Version: 2024-02-01

130  
papers

6,192  
citations

81743

39  
h-index

71532

76  
g-index

136  
all docs

136  
docs citations

136  
times ranked

7485  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ryanodine receptor 2 (RyR2) dysfunction activates the unfolded protein response and perturbs cardiomyocyte maturation. <i>Cardiovascular Research</i> , 2023, 119, 221-235.	1.8	5
2	Peptide fragments of bradykinin show unexpected biological activity not mediated by B <sub>1</sub> or B <sub>2</sub> receptors. <i>British Journal of Pharmacology</i> , 2022, 179, 3061-3077.	2.7	5
3	Microscopy-based cellular contractility assay for adult, neonatal, and hiPSC cardiomyocytes. <i>STAR Protocols</i> , 2022, 3, 101144.	0.5	6
4	Neuronal cholinergic signaling constrains norepinephrine activity in the heart. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 322, C794-C801.	2.1	0
5	Protective and anti-inflammatory effects of acetylcholine in the heart. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C155-C161.	2.1	10
6	Increased cholinergic activity under conditions of low estrogen leads to adverse cardiac remodeling. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C602-C612.	2.1	4
7	Alamandine improves cardiac remodeling induced by transverse aortic constriction in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H352-H363.	1.5	20
8	Autonomic response after hemorrhagic stroke in the right insular cortex: What is the common pathophysiology in rat and human?; Reply. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021, 231, 102772.	1.4	0
9	THE KALLIKREIN-KININ SYSTEM IS FALLING INTO PIECES: BRADYKININ FRAGMENTS ARE BIOLOGICAL ACTIVE PEPTIDES. <i>Journal of Hypertension</i> , 2021, 39, e256.	0.3	0
10	Increased Cholinergic Tone Causes Pre-synaptic Neuromuscular Degeneration and is Associated with Impaired Diaphragm Function. <i>Neuroscience</i> , 2021, 460, 31-42.	1.1	2
11	Dense optical flow software to quantify cellular contractility. <i>Cell Reports Methods</i> , 2021, 1, 100044.	1.4	12
12	Molecular basis of <i>Period 1</i> regulation by adrenergic signaling in the heart. <i>FASEB Journal</i> , 2021, 35, e21886.	0.2	9
13	A novel H <sub>2</sub> S releasing-monastrol hybrid (MADTOH) inhibits L-type calcium channels. <i>New Journal of Chemistry</i> , 2021, 45, 671-678.	1.4	5
14	Alamandine enhances cardiomyocyte contractility in hypertensive rats through a nitric oxide-dependent activation of CaMKII. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C740-C750.	2.1	22
15	Front Cover: Cardiomyocyte Proteome Remodeling due to Isoproterenol-Induced Cardiac Hypertrophy during the Compensated Phase. <i>Proteomics - Clinical Applications</i> , 2020, 14, 2070041.	0.8	0
16	Autonomic and cardiovascular consequences resulting from experimental hemorrhagic stroke in the left or right intermediate insular cortex in rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2020, 227, 102695.	1.4	15
17	Cardiomyocyte Proteome Remodeling due to Isoproterenol-Induced Cardiac Hypertrophy during the Compensated Phase. <i>Proteomics - Clinical Applications</i> , 2020, 14, e2000017.	0.8	4
18	Moving Pieces in a Cellular Puzzle: A Cryptic Peptide from the Scorpion Toxin Ts14 Activates AKT and ERK Signaling and Decreases Cardiac Myocyte Contractility via Dephosphorylation of Phospholamban. <i>Journal of Proteome Research</i> , 2020, 19, 3467-3477.	1.8	4

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19	Redox-Active Drug, MnTE-2-PyP <sup>5+</sup> , Prevents and Treats Cardiac Arrhythmias Preserving Heart Contractile Function. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-15.	1.9	5
20	Ketamine potentiates TRPV1 receptor signaling in the peripheral nociceptive pathways. <i>Biochemical Pharmacology</i> , 2020, 182, 114210.	2.0	4
21	Severe Calorie Restriction Reduces Cardiometabolic Risk Factors and Protects Rat Hearts from Ischemia/ Reperfusion Injury. , 2020, , .		0
22	Abstract MP120: Ryanodine Receptor 2 Prevents Endoplasmic Reticulum Stress-induced Defects in Cardiomyocyte Maturation. <i>Circulation Research</i> , 2020, 127, .	2.0	0
23	Vagus nerve regulates the phagocytic and secretory activity of resident macrophages in the liver. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 444-454.	2.0	26
24	Calcium overload-induced arrhythmia is suppressed by farnesol in rat heart. <i>European Journal of Pharmacology</i> , 2019, 859, 172488.	1.7	25
25	Ablation of B1- and B2-kinin receptors causes cardiac dysfunction through redox-nitroso unbalance. <i>Life Sciences</i> , 2019, 228, 121-127.	2.0	3
26	Alamandine attenuates arterial remodelling induced by transverse aortic constriction in mice. <i>Clinical Science</i> , 2019, 133, 629-643.	1.8	27
27	Abnormalities in the Motor Unit of a Fast-Twitch Lower Limb Skeletal Muscle in Huntington's Disease. <i>ASN Neuro</i> , 2019, 11, 175909141988621.	1.5	7
28	Increased oxidative stress and CaMKII activity contribute to electromechanical defects in cardiomyocytes from a murine model of Huntington's disease. <i>FEBS Journal</i> , 2019, 286, 110-123.	2.2	22
29	Genetic deletion of the alamandine receptor MRGD leads to dilated cardiomyopathy in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H123-H133.	1.5	35
30	Endurance training restores spatially distinct cardiac mitochondrial function and myocardial contractility in ovariectomized rats. <i>Free Radical Biology and Medicine</i> , 2019, 130, 174-188.	1.3	6
31	Ghrelin potentiates cardiac reactivity to stress by modulating sympathetic control and beta-adrenergic response. <i>Life Sciences</i> , 2018, 196, 84-92.	2.0	10
32	Neuromuscular synapse degeneration without muscle function loss in the diaphragm of a murine model for Huntington's Disease. <i>Neurochemistry International</i> , 2018, 116, 30-42.	1.9	8
33	Testosterone deficiency prevents left ventricular contractility dysfunction after myocardial infarction. <i>Molecular and Cellular Endocrinology</i> , 2018, 460, 14-23.	1.6	15
34	Mitochondrial Cardiomyopathy Caused by Elevated Reactive Oxygen Species and Impaired Cardiomyocyte Proliferation. <i>Circulation Research</i> , 2018, 122, 74-87.	2.0	89
35	Neonatal cardiomyocyte hypertrophy induced by endothelin-1 is blocked by estradiol acting on GPER. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 314, C310-C322.	2.1	20
36	Myrtenol protects against myocardial ischemia-reperfusion injury through antioxidant and anti-apoptotic dependent mechanisms. <i>Food and Chemical Toxicology</i> , 2018, 111, 557-566.	1.8	34

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37	Hierarchical and stage-specific regulation of murine cardiomyocyte maturation by serum response factor. <i>Nature Communications</i> , 2018, 9, 3837.	5.8	63
38	Resistance exercise mediates remote ischemic preconditioning by limiting cardiac eNOS uncoupling. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 125, 61-72.	0.9	22
39	Alamandine acts via MrgD to induce AMPK/NO activation against ANG II hypertrophy in cardiomyocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 314, C702-C711.	2.1	55
40	Fast and slow-twitching muscles are differentially affected by reduced cholinergic transmission in mice deficient for VACHT: A mouse model for congenital myasthenia. <i>Neurochemistry International</i> , 2018, 120, 1-12.	1.9	11
41	Absence of suppressor of cytokine signaling 2 turns cardiomyocytes unresponsive to LIF-dependent increases in Ca <sup>2+</sup> levels. <i>American Journal of Physiology - Cell Physiology</i> , 2017, 312, C478-C486.	2.1	2
42	(-)-Terpinen-4-ol changes intracellular Ca <sup>2+</sup> handling and induces pacing disturbance in rat hearts. <i>European Journal of Pharmacology</i> , 2017, 807, 56-63.	1.7	17
43	Exercise reestablishes autophagic flux and mitochondrial quality control in heart failure. <i>Autophagy</i> , 2017, 13, 1304-1317.	4.3	110
44	HDR brachytherapy decreases proliferation rate and cellular progression of a radioresistant human squamous cell carcinoma in vitro. <i>International Journal of Radiation Biology</i> , 2017, 93, 958-966.	1.0	7
45	Analysis of Cardiac Myocyte Maturation Using CASAIV, a Platform for Rapid Dissection of Cardiac Myocyte Gene Function In Vivo. <i>Circulation Research</i> , 2017, 120, 1874-1888.	2.0	106
46	Dissection of the Effects of Quercetin on Mouse Myocardium. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 120, 550-559.	1.2	10
47	Exercise Training Protects Cardiomyocytes from Deleterious Effects of Palmitate. <i>International Journal of Sports Medicine</i> , 2017, 38, 949-953.	0.8	1
48	Cardiorespiratory alterations in rodents experimentally envenomed with <i>Hadruroides lunatus</i> scorpion venom. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2017, 23, 2.	0.8	1
49	Cardioprotective Action of Ginkgo biloba Extract against Sustained $\beta_2$ -Adrenergic Stimulation Occurs via Activation of M2/NO Pathway. <i>Frontiers in Pharmacology</i> , 2017, 8, 220.	1.6	28
50	Abstract 138: Mas-related G-protein Coupled Receptor D Deficiency Leads to a Marked Dilated Cardiomyopathy in Mice. <i>Hypertension</i> , 2017, 70, .	1.3	0
51	Severe Calorie Restriction Reduces Cardiometabolic Risk Factors and Protects Rat Hearts from Ischemia/Reperfusion Injury. <i>Frontiers in Physiology</i> , 2016, 7, 106.	1.3	29
52	Gold nanoparticles and their applications in biomedicine. <i>Future Virology</i> , 2016, 11, 293-309.	0.9	82
53	Fullerene-Derivatives as Therapeutic Agents in Respiratory System and Neurodegenerative Disorders. <i>Nanomedicine and Nanotoxicology</i> , 2016, , 71-84.	0.1	3
54	Cardiac acetylcholine inhibits ventricular remodeling and dysfunction under pathologic conditions. <i>FASEB Journal</i> , 2016, 30, 688-701.	0.2	39

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55	The Use of Single Wall Carbon Nanotubes as a Delivery System for siRNA. <i>Nanomedicine and Nanotoxicology</i> , 2016, , 17-29.	0.1	1
56	Impairment in Acetylcholine Release by Cardiomyocytes Leads to Enhanced Pathological Hypertrophy. <i>Biophysical Journal</i> , 2015, 108, 424a.	0.2	0
57	Autonomic cardiocirculatory control in mice with reduced expression of the vesicular acetylcholine transporter. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H655-H662.	1.5	10
58	Beneficial Effects of Angiotensin-(1 $\hat{a}$ 7) Against Deoxycorticosterone Acetate $\hat{a}$ Induced Diastolic Dysfunction Occur Independently of Changes in Blood Pressure. <i>Hypertension</i> , 2015, 66, 389-395.	1.3	26
59	Functionalized nanomaterials: are they effective to perform gene delivery to difficult-to-transfect cells with no cytotoxicity?. <i>Nanoscale</i> , 2015, 7, 18036-18043.	2.8	13
60	Abstract P140: Alamandine Signaling in Cardiomyocytes in Health and Disease. <i>Hypertension</i> , 2015, 66, .	1.3	2
61	AT1 Receptors Modulate Ca <sup>2+</sup> Transient in Adult Cardiomyocytes Treated with T3. <i>FASEB Journal</i> , 2015, 29, 952.12.	0.2	0
62	Anti $\hat{a}$ Hypertrophic Effect of Estradiol in Cardiomyocytes is Mediated by GPER1. <i>FASEB Journal</i> , 2015, 29, 966.5.	0.2	0
63	Cholinergic Signaling Exerts Protective Effects in Models of Sympathetic Hyperactivity-Induced Cardiac Dysfunction. <i>PLoS ONE</i> , 2014, 9, e100179.	1.1	43
64	Cholinergic Activity as a New Target in Diseases of the Heart. <i>Molecular Medicine</i> , 2014, 20, 527-537.	1.9	64
65	Cardiovascular effects of angiotensin A: A novel peptide of the renin $\hat{a}$ angiotensin system. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2014, 15, 480-486.	1.0	24
66	Succinate causes pathological cardiomyocyte hypertrophy through GPR91 activation. <i>Cell Communication and Signaling</i> , 2014, 12, 78.	2.7	105
67	Letters to the Editor. <i>FASEB Journal</i> , 2014, 28, 2-3.	0.2	9
68	Basal and $\hat{a}$ 1/2-Adrenergic Cardiomyocytes Contractility Dysfunction Induced by Dietary Protein Restriction is Associated with Downregulation of SERCA2a Expression and Disturbance of Endoplasmic Reticulum Ca <sup>2+</sup> Regulation in Rats. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 443-454.	1.1	5
69	Scale/Topography of Substrates Surface Resembling Extracellular Matrix for Tissue Engineering. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 1157-1193.	0.5	31
70	Potential use of the nano $\hat{a}$ compound fullerol for the treatment of paraquat $\hat{a}$ induced acute lung injury in rats (660.16). <i>FASEB Journal</i> , 2014, 28, 660.16.	0.2	0
71	Abstract 422: Cardiovascular Regulation in Mice with Overexpression of the Gene of Vesicular Acetylcholine Transporter (VAcHT). <i>Hypertension</i> , 2014, 64, .	1.3	0
72	Nucleoplasmic calcium signaling and cell proliferation: calcium signaling in the nucleus. <i>Cell Communication and Signaling</i> , 2013, 11, 14.	2.7	73

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73	Cardiac dysfunction in rats prone to audiogenic epileptic seizures. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2013, 22, 259-266.	0.9	23
74	Effects of severe caloric restriction from birth on the hearts of adult rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 879-885.	0.9	9
75	Functional Cross-Talk Between Aldosterone and Angiotensin-(1-7) in Ventricular Myocytes. <i>Hypertension</i> , 2013, 61, 425-430.	1.3	30
76	Novel insights into the development of chagasic cardiomyopathy: Role of PI3Kinase/NO axis. <i>International Journal of Cardiology</i> , 2013, 167, 3011-3020.	0.8	18
77	Protein Restriction after Weaning Modifies the Calcium Kinetics and Induces Cardiomyocyte Contractile Dysfunction in Rats. <i>Cells Tissues Organs</i> , 2013, 198, 311-317.	1.3	11
78	Cardiomyocyte-secreted acetylcholine is required for maintenance of homeostasis in the heart. <i>FASEB Journal</i> , 2013, 27, 5072-5082.	0.2	85
79	Cardiomyocyte dysfunction during the chronic phase of Chagas disease. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2013, 108, 243-245.	0.8	16
80	Cell apoptosis induced by hookworm antigens a strategy of immunomodulation. <i>Frontiers in Bioscience - Elite</i> , 2013, E5, 662-675.	0.9	4
81	Role of Calcium Signaling in Stem and Cancer Cell Proliferation. , 2013, , 93-137.		1
82	Integrative Effect of Carvedilol and Aerobic Exercise Training Therapies on Improving Cardiac Contractility and Remodeling in Heart Failure Mice. <i>PLoS ONE</i> , 2013, 8, e62452.	1.1	29
83	Angiotensin-(1-7)-Mediated Signaling in Cardiomyocytes. <i>International Journal of Hypertension</i> , 2012, 2012, 1-8.	0.5	45
84	Nuclear inositol 1,4,5-trisphosphate is a necessary and conserved signal for the induction of both pathological and physiological cardiomyocyte hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 475-486.	0.9	39
85	The cardiac expression of Mas receptor is responsive to different physiological and pathological stimuli. <i>Peptides</i> , 2012, 35, 196-201.	1.2	29
86	Non-neuronal cholinergic machinery present in cardiomyocytes offsets hypertrophic signals. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 206-216.	0.9	82
87	Carbon nanotube interaction with extracellular matrix proteins producing scaffolds for tissue engineering. <i>International Journal of Nanomedicine</i> , 2012, 7, 4511.	3.3	71
88	An Analysis of the Myocardial Transcriptome in a Mouse Model of Cardiac Dysfunction with Decreased Cholinergic Neurotransmission. <i>PLoS ONE</i> , 2012, 7, e39997.	1.1	9
89	Role of SOCS2 in Modulating Heart Damage and Function in a Murine Model of Acute Chagas Disease. <i>American Journal of Pathology</i> , 2012, 181, 130-140.	1.9	50
90	Abstract 324: In Vivo Cross-talk Between Mineralocorticoid Receptor and Ang-(1-7) Enhances Ca <sup>2+</sup> Signaling in Ventricular Myocytes. <i>Hypertension</i> , 2012, 60, .	1.3	0

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91	Antiarrhythmogenic effects of a neurotoxin from the spider <i>Phoneutria nigriventer</i> . <i>Toxicon</i> , 2011, 57, 217-224.	0.8	21
92	Aqueous fraction from <i>Costus spiralis</i> (Jacq.) Roscoe leaf reduces contractility by impairing the calcium inward current in the mammalian myocardium. <i>Journal of Ethnopharmacology</i> , 2011, 138, 382-389.	2.0	4
93	R(+)-pulegone impairs Ca <sup>2+</sup> homeostasis and causes negative inotropism in mammalian myocardium. <i>European Journal of Pharmacology</i> , 2011, 672, 135-142.	1.7	24
94	FKBP12 Is a Critical Regulator of the Heart Rhythm and the Cardiac Voltage-Gated Sodium Current in Mice. <i>Circulation Research</i> , 2011, 108, 1042-1052.	2.0	57
95	Imaging Calcium Sparks in Cardiac Myocytes. <i>Methods in Molecular Biology</i> , 2011, 689, 205-214.	0.4	51
96	Using the Fluorescent Styryl Dye FM1-43 to Visualize Synaptic Vesicles Exocytosis and Endocytosis in Motor Nerve Terminals. <i>Methods in Molecular Biology</i> , 2011, 689, 137-148.	0.4	39
97	Influence of spontaneous calcium events on cell-cycle progression in embryonal carcinoma and adult stem cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 246-260.	1.9	70
98	Succinate modulates Ca <sup>2+</sup> transient and cardiomyocyte viability through PKA-dependent pathway. <i>Cell Calcium</i> , 2010, 47, 37-46.	1.1	64
99	Dysautonomia Due to Reduced Cholinergic Neurotransmission Causes Cardiac Remodeling and Heart Failure. <i>Molecular and Cellular Biology</i> , 2010, 30, 1746-1756.	1.1	70
100	Angiotensin-(1-7) Prevents Cardiomyocyte Pathological Remodeling Through a Nitric Oxide/Guanosine 3',5'-Cyclic Monophosphate-Dependent Pathway. <i>Hypertension</i> , 2010, 55, 153-160.	1.3	112
101	Structure-function studies of <i>Tityus serrulatus</i> Hypotensin-I (TsHpt-I): A new agonist of B2 kinin receptor. <i>Toxicon</i> , 2010, 56, 1162-1171.	0.8	43
102	Cardiotoxic effects of <i>Loxosceles intermedia</i> spider venom and the recombinant venom toxin rLiD1. <i>Toxicon</i> , 2010, 56, 1426-1435.	0.8	28
103	Attenuation of isoproterenol-induced cardiac fibrosis in transgenic rats harboring an angiotensin-(1-7)-producing fusion protein in the heart. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2010, 4, 83-96.	1.0	46
104	Investigation of the cardiomyocyte dysfunction in bradykinin type 2 receptor knockout mice. <i>Life Sciences</i> , 2010, 87, 715-723.	2.0	13
105	Highly efficient siRNA delivery system into human and murine cells using single-wall carbon nanotubes. <i>Nanotechnology</i> , 2010, 21, 385101.	1.3	77
106	Exercise capacity is related to calcium transients in ventricular cardiomyocytes. <i>Journal of Applied Physiology</i> , 2009, 107, 593-598.	1.2	35
107	Cardiac anti-remodelling effect of aerobic training is associated with a reduction in the calcineurin/NFAT signalling pathway in heart failure mice. <i>Journal of Physiology</i> , 2009, 587, 3899-3910.	1.3	59
108	Nuclear Ca <sup>2+</sup> regulates cardiomyocyte function. <i>Cell Calcium</i> , 2008, 44, 230-242.	1.1	71



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109	Intracellular mechanisms of specific $\beta_2$ -adrenoceptor antagonists involved in improved cardiac function and survival in a genetic model of heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 45, 240-249.	0.9	42
110	Molecular Mechanisms Involved in the Angiotensin-(1-7)/Mas Signaling Pathway in Cardiomyocytes. <i>Hypertension</i> , 2008, 52, 542-548.	1.3	147
111	Aerobic Physical Training Improves Intracellular Calcium Signaling In Cardiomyocytes From C57BL/6J Mice Fed A High Fat Diet. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S439.	0.2	0
112	Kinin B1 receptor participates in the control of cardiac function in mice. <i>Life Sciences</i> , 2007, 81, 814-822.	2.0	26
113	Abolition of reperfusion-induced arrhythmias in hearts from thiamine-deficient rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H394-H401.	1.5	29
114	The Ca <sup>2+</sup> leak paradox and $\beta$ -adrenergic ryanodine receptors: SR Ca <sup>2+</sup> efflux theory and practice. <i>Progress in Biophysics and Molecular Biology</i> , 2006, 90, 172-185.	1.4	110
115	Calcium Biology of the Transverse Tubules in Heart. <i>Annals of the New York Academy of Sciences</i> , 2005, 1047, 99-111.	1.8	54
116	Calmodulin kinase II inhibition protects against structural heart disease. <i>Nature Medicine</i> , 2005, 11, 409-417.	15.2	526
117	Paradoxical Cellular Ca <sup>2+</sup> Signaling in Severe but Compensated Canine Left Ventricular Hypertrophy. <i>Circulation Research</i> , 2005, 97, 457-464.	2.0	63
118	Twenty Years of Calcium Imaging: Cell Physiology to Dye For. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2005, 5, 112-127.	3.4	42
119	Ankyrin-B mutation causes type 4 long-QT cardiac arrhythmia and sudden cardiac death. <i>Nature</i> , 2003, 421, 634-639.	13.7	926
120	FKBP12.6 Deficiency and Defective Calcium Release Channel (Ryanodine Receptor) Function Linked to Exercise-Induced Sudden Cardiac Death. <i>Cell</i> , 2003, 113, 829-840.	13.5	683
121	Protein Kinase A Phosphorylation of the Cardiac Calcium Release Channel (Ryanodine Receptor) in Normal and Failing Hearts. <i>Journal of Biological Chemistry</i> , 2003, 278, 444-453.	1.6	188
122	The challenge of molecular medicine: complexity versus Occam's razor. <i>Journal of Clinical Investigation</i> , 2003, 111, 801-803.	3.9	2
123	The challenge of molecular medicine: complexity versus Occam's razor. <i>Journal of Clinical Investigation</i> , 2003, 111, 801-803.	3.9	7
124	Local Ca <sup>2+</sup> Signaling and EC Coupling in Heart: Ca <sup>2+</sup> Sparks and the Regulation of the [Ca <sup>2+</sup> ] <sub>i</sub> Transient. <i>Journal of Molecular and Cellular Cardiology</i> , 2002, 34, 941-950.	0.9	99
125	Effects of PP1/PP2A inhibitor calyculin A on the E-C coupling cascade in murine ventricular myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 282, H38-H48.	1.5	53
126	Molecular identification of a TTX-sensitive Ca <sup>2+</sup> current. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C1327-C1339.	2.1	64



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127	Heart Failure After Myocardial Infarction. <i>Circulation</i> , 2001, 104, 688-693.	1.6	180
128	Induction of neutralizing antibodies against <i>Tityus serrulatus</i> toxins by immunization with a recombinant nontoxic protein. <i>Toxicon</i> , 2000, 38, 113-121.	0.8	24
129	Molecular cloning and genomic analysis of TsNTxp: an immunogenic protein from <i>Tityus serrulatus</i> scorpion venom. <i>Toxicon</i> , 1999, 37, 507-517.	0.8	23
130	Ionizable Lipid Nanoparticle-Mediated Delivery of Plasmid DNA in Cardiomyocytes. <i>International Journal of Nanomedicine</i> , 0, Volume 17, 2865-2881.	3.3	16