Jonathan A Stiber

List of Publications by Year
in descending order

31 papers	2,483 citations	304743 22 h-index	434195 31 g-index
31 all docs	31 docs citations	31 times ranked	2788 citing authors

#	Article	IF	Citations
1	STIM1 signalling controls store-operated calcium entry required for development and contractile function in skeletal muscle. Nature Cell Biology, 2008, 10, 688-697.	10.3	329
2	Comparative Effects of Basic Fibroblast Growth Factor and Vascular Endothelial Growth Factor on Coronary Collateral Development and the Arterial Response to Injury. Circulation, 1996, 94, 1074-1082.	1.6	312
3	beta-Arrestin2-mediated inotropic effects of the angiotensin II type 1A receptor in isolated cardiac myocytes. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16284-16289.	7.1	208
4	TRPC1 Channels Are Critical for Hypertrophic Signaling in the Heart. Circulation Research, 2009, 105, 1023-1030.	4.5	202
5	Effects of Chronic Systemic Administration of Basic Fibroblast Growth Factor on Collateral Development in the Canine Heart. Circulation, 1995, 91, 145-153.	1.6	192
6	Pharmacodynamics of basic fibroblast growth factor: route of administration determines myocardial and systemic distribution. Cardiovascular Research, 1997, 36, 78-85.	3.8	175
7	Effects of a single intracoronary injection of basic fibroblast growth factor in stable angina pectoris. American Journal of Cardiology, 2000, 85, 1414-1419.	1.6	152
8	Mice Lacking Homer 1 Exhibit a Skeletal Myopathy Characterized by Abnormal Transient Receptor Potential Channel Activity. Molecular and Cellular Biology, 2008, 28, 2637-2647.	2.3	92
9	TRPC3 channels confer cellular memory of recent neuromuscular activity. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9387-9392.	7.1	91
10	Intracoronary basic fibroblast growth factor enhances myocardial collateral perfusion in dogs. Journal of the American College of Cardiology, 2000, 35, 519-526.	2.8	85
11	Homer modulates NFAT-dependent signaling during muscle differentiation. Developmental Biology, 2005, 287, 213-224.	2.0	63
12	Heart rate decrease during crizotinib treatment and potential correlation to clinical response. Cancer, 2013, 119, 1969-1975.	4.1	63
13	The role of store-operated calcium influx in skeletal muscle signaling. Cell Calcium, 2011, 49, 341-349.	2.4	60
14	Effect of Basic Fibroblast Growth Factor on Myocardial Angiogenesis in Dogs With Mature Collateral Vessels. Journal of the American College of Cardiology, 1997, 29, 1102-1106.	2.8	59
15	Sinus Node Dysfunction and Atrial Fibrillation: A Reversible Phenomenon?. PACE - Pacing and Clinical Electrophysiology, 2017, 40, 442-450.	1.2	55
16	Asymptomatic Profound Sinus Bradycardia (Heart Rate â‰¤45) in Non-small Cell Lung Cancer Patients Treated with Crizotinib. Journal of Thoracic Oncology, 2011, 6, 2135-2137.	1.1	51
17	Ryanodine Receptors in Muscarinic Receptor-mediated Bronchoconstriction. Journal of Biological Chemistry, 2005, 280, 26287-26294.	3.4	49
18	STIM1â€“Ca ²⁺ signaling modulates automaticity of the mouse sinoatrial node. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5618-27.	7.1	47

#	Article	IF	Citations
19	Excitation-Contraction Coupling in Airway Smooth Muscle. Journal of Biological Chemistry, 2006, 281, 30143-30151.	3.4	43
20	USP20 (Ubiquitin-Specific Protease 20) Inhibits TNF (Tumor Necrosis Factor)-Triggered Smooth Muscle Cell Inflammation and Attenuates Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2295-2305.	2.4	28
21	Mechanosensitive Channels in Striated Muscle and the Cardiovascular System: Not Quite a Stretch Anymore. Journal of Cardiovascular Pharmacology, 2009, 54, 116-122.	1.9	24
22	Dynamic regulation of sarcoplasmic reticulum Ca²⁺ stores by stromal interaction molecule 1 and sarcolipin during muscle differentiation. Developmental Dynamics, 2012, 241, 639-647.	1.8	24
23	The Actin-Binding Protein Drebrin Inhibits Neointimal Hyperplasia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 984-993.	2.4	15
24	Crizotinib inhibits hyperpolarization-activated cyclic nucleotide-gated channel 4 activity. Cardio-Oncology, 2017, 3, .	1.7	14
25	Cytoskeletal Regulation of TRPC Channels in the Cardiorenal System. Current Hypertension Reports, 2012, 14, 492-497.	3.5	11
26	Effect of Oxidative Stress on Homer Scaffolding Proteins. PLoS ONE, 2011, 6, e26128.	2.5	10
27	Drebrin regulates angiotensin II-induced aortic remodelling. Cardiovascular Research, 2018, 114, 1806-1815.	3.8	9
28	Drebrin attenuates atherosclerosis by limiting smooth muscle cell transdifferentiation. Cardiovascular Research, 2022, 118, 772-784.	3.8	8
29	Real-world implications of QT prolongation in patients receiving voriconazole and amiodarone. Journal of Antimicrobial Chemotherapy, 2019, 74, 228-233.	3.0	7
30	QTc Prolongation in Patients Receiving Triazoles and Amiodarone. Open Forum Infectious Diseases, 2017, 4, S84-S84.	0.9	3
31	Drebrin, an actinâ€binding protein, is required for lens morphogenesis and growth. Developmental Dynamics, 2021, 250, 1600-1617.	1.8	2