Jarrod E Church

List of Publications by Year
in descending order

31 papers	1,322 citations	430874 18 h-index	477307 29 g-index
31 all docs	31 docs citations	31 times ranked	2145 citing authors

#	Article	IF	Citations
1	Hsp72 preserves muscle function and slows progression of severe muscular dystrophy. Nature, 2012, 484, 394-398.	27.8	243
2	Novel Mechanism of Activation of NADPH Oxidase 5. Journal of Biological Chemistry, 2007, 282, 6494-6507.	3.4	186
3	The pharmacological activity of fish venoms. Toxicon, 2002, 40, 1083-1093.	1.6	120
4	Src Kinase Activates Endothelial Nitric-oxide Synthase by Phosphorylating Tyr-83. Journal of Biological Chemistry, 2005, 280, 35943-35952.	3.4	94
5	Selective coupling of type 6 adenylyl cyclase with type 2 IP3 receptors mediates direct sensitization of IP3 receptors by cAMP. Journal of Cell Biology, 2008, 183, 297-311.	5.2	93
6	Functional Relevance of Golgi- and Plasma Membrane-Localized Endothelial NO Synthase in Reconstituted Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 1015-1021.	2.4	87
7	Differences in eNOS Activity Because of Subcellular Localization Are Dictated by Phosphorylation State Rather than the Local Calcium Environment. Journal of Biological Chemistry, 2006, 281, 1477-1488.	3.4	68
8	Adrenergic and cholinergic activity contributes to the cardiovascular effects of lionfish (Pterois) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	1.6	40
9	Dose-dependent cardiovascular and neuromuscular effects of stonefish (Synanceja trachynis) venom. Toxicon, 2000, 38, 391-407.	1.6	37
10	Closed head experimental traumatic brain injury increases size and bone volume of callus in mice with concomitant tibial fracture. Scientific Reports, 2016, 6, 34491.	3.3	37
11	Novel role for Î²â€adrenergic signalling in skeletal muscle growth, development and regeneration. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 397-401.	1.9	32
12	Role of local production of endothelium-derived nitric oxide on cGMP signaling and S-nitrosylation. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H112-H118.	3.2	32
13	Cardioprotection Induced by Adenosine A1 Receptor Agonists in a Cardiac Cell Ischemia Model Involves Cooperative Activation of Adenosine A2A and A2B Receptors by Endogenous Adenosine. Journal of Cardiovascular Pharmacology, 2009, 53, 424-433.	1.9	31
14	Stonefish (Synanceia spp.) antivenom neutralises the in vitro and in vivo cardiovascular activity of soldierfish (Gymnapistes marmoratus) venom. Toxicon, 2001, 39, 319-324.	1.6	29
15	Alterations in Notch signalling in skeletal muscles from mdx and dko dystrophic mice and patients with Duchenne muscular dystrophy. Experimental Physiology, 2014, 99, 675-687.	2.0	25
16	Mild Closed-Head Injury in Conscious Rats Causes Transient Neurobehavioral and Glial Disturbances: A Novel Experimental Model of Concussion. Journal of Neurotrauma, 2019, 36, 2260-2271.	3.4	25
17	Modulation of intracellular Ca2+ levels by Scorpaenidae venoms. Toxicon, 2003, 41, 679-689.	1.6	22
18	The role of Î²-adrenoceptor signaling in skeletal muscle: therapeutic implications for muscle wasting disorders. Current Opinion in Clinical Nutrition and Metabolic Care, 2009, 12, 601-606.	2.5	19

#	Article	IF	Citations
19	Inhibition of endothelial nitric oxide synthase by the lipid phosphatase PTEN. Vascular Pharmacology, 2010, 52, 191-198.	2.1	15
20	Stonefish (Synanceia trachynis) Antivenom: In Vitro Efficacy and Clinical Use. Toxin Reviews, 2003, 22, 69-76.	1.5	14
21	Gambogic amide, a selective TrkA agonist, does not improve outcomes from traumatic brain injury in mice. Brain Injury, 2018, 32, 257-268.	1.2	14
22	Functional Î²-Adrenoceptors Are Important for Early Muscle Regeneration in Mice through Effects on Myoblast Proliferation and Differentiation. PLoS ONE, 2014, 9, e101379.	2.5	13
23	Early functional muscle regeneration after myotoxic injury in mice is unaffected by nNOS absence. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R1358-R1366.	1.8	10
24	A Concomitant Muscle Injury Does Not Worsen Traumatic Brain Injury Outcomes in Mice. Frontiers in Neurology, 2018, 9, 1089.	2.4	9
25	The selective TrkA agonist, gambogic amide, promotes osteoblastic differentiation and improves fracture healing in mice. Journal of Musculoskeletal Neuronal Interactions, 2019, 19, 94-103.	0.1	9
26	Parvalbumin Gene Transfer Impairs Skeletal Muscle Contractility in Old Mice. Human Gene Therapy, 2012, 23, 824-836.	2.7	8
27	Oral fucoidan improves muscle size and strength in mice. Physiological Reports, 2021, 9, e14730.	1.7	6
28	A Comparison of the Gluco-Regulatory Responses to High-Intensity Interval Exercise and Resistance Exercise. International Journal of Environmental Research and Public Health, 2021, 18, 287.	2.6	3
29	Selective coupling of type 6 adenylyl cyclase with type 2 IP₃receptors mediates direct sensitization of IP₃receptors by cAMP. Journal of General Physiology, 2008, 132, i5-i5.	1.9	1
30	Functional Relevance of Golgi and Plasma Membrane Localized Endothelial Nitric Oxide Synthase (eNOS) in Reconstituted Endothelial cells. FASEB Journal, 2006, 20, A721.	0.5	0
31	The TrkB agonist, 7,8-dihydroxyflavone, impairs fracture healing in mice. Journal of Musculoskeletal Neuronal Interactions, 2021, 21, 263-271.	0.1	0