Jaclyn P Kerr

List of Publications by Year
in descending order

20	666	933447 10	1125743 13
papers	citations	h-index	g-index

20	20	20	1307
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detyrosinated microtubules modulate mechanotransduction in heart and skeletal muscle. Nature Communications, 2015, 6, 8526.	12.8	182
2	Dysferlin stabilizes stress-induced Ca ²⁺ signaling in the transverse tubule membrane. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20831-20836.	7.1	104
3	Microtubules tune mechanotransduction through NOX2 and TRPV4 to decrease sclerostin abundance in osteocytes. Science Signaling, 2017, 10, .	3.6	80
4	Recovery of altered neuromuscular junction morphology and muscle function in mdx mice after injury. Cellular and Molecular Life Sciences, 2015, 72, 153-164.	5.4	60
5	Single-color, ratiometric biosensors for detecting signaling activities in live cells. ELife, 2018, 7, .	6.0	55
6	Dysferlin at transverse tubules regulates Ca2+ homeostasis in skeletal muscle. Frontiers in Physiology, 2014, 5, 89.	2.8	54
7	Human skeletal muscle xenograft as a new preclinical model for muscle disorders. Human Molecular Genetics, 2014, 23, 3180-3188.	2.9	48
8	Genetic silencing of Nrf2 enhances X-ROS in dysferlin-deficient muscle. Frontiers in Physiology, 2014, 5, 57.	2.8	25
9	A cost-effective method to enhance adenoviral transduction of primary murine osteoblasts and bone marrow stromal cells. Bone Research, 2016, 4, 16021.	11.4	17
10	The Phosphorylation Profile of Myosin Binding Protein-C Slow is Dynamically Regulated in Slow-Twitch Muscles in Health and Disease. Scientific Reports, 2015, 5, 12637.	3.3	15
11	Keratin 18 is an integral part of the intermediate filament network in murine skeletal muscle. American Journal of Physiology - Cell Physiology, 2020, 318, C215-C224.	4.6	13
12	Desmin interacts with STIM1 and coordinates Ca2+ signaling in skeletal muscle. JCI Insight, 2021, 6, .	5.0	12
13	Stretch-Dependent Regulation of Calcium Signaling in Heart - Who are the Key Players?. Biophysical Journal, 2014, 106, 322a.	0.5	1
14	Keratin 18 Is Integral Part Of The Intermediate Filament Network In Skeletal Muscle. Medicine and Science in Sports and Exercise, 2011, 43, 290.	0.4	0
15	Altered Skeletal Muscle Excitation Contraction Coupling in Dysferlinopathy. Biophysical Journal, 2012, 102, 310a.	0.5	0
16	Microtubule Network Density Tunes Both Stretch and Contraction Activated X-ROS. Biophysical Journal, 2014, 106, 727a.	0.5	0
17	Targeting NRF2 Activation Modulates X-Ros Signaling in Dystrophic Skeletal Muscle. Biophysical Journal, 2014, 106, 727a.	0.5	0
18	Post-Translational Modification of Tubulin Amplifies X-ROS Signaling inÂStriated Muscle. Biophysical Journal, 2015, 108, 592a.	0.5	0

#	Article	IF	Citations
19	Microtubule Detyrosination Modulates Stretch-Dependent X-ROS Signaling in Heart. Biophysical Journal, 2015, 108, 503a.	0.5	0
20	Microtubule-Dependent Alterations to Mechanical Properties and Mechanotransduction in Skeletal Muscle. Biophysical Journal, 2016, 110, 182a-183a.	0.5	0