

# Jaclyn P Kerr

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

666  
citations

933447

10  
h-index

1125743

13  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1307  
citing authors

#	ARTICLE	IF	CITATIONS
1	Desmin interacts with STIM1 and coordinates Ca <sup>2+</sup> signaling in skeletal muscle. JCI Insight, 2021, 6, .	5.0	12
2	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
3	Single-color, ratiometric biosensors for detecting signaling activities in live cells. ELife, 2018, 7, .	6.0	55
4	Microtubules tune mechanotransduction through NOX2 and TRPV4 to decrease sclerostin abundance in osteocytes. Science Signaling, 2017, 10, .	3.6	80
5	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
6	Microtubule-Dependent Alterations to Mechanical Properties and Mechanotransduction in Skeletal Muscle. Biophysical Journal, 2016, 110, 182a-183a.	0.5	0
7	Post-Translational Modification of Tubulin Amplifies X-ROS Signaling in Striated Muscle. Biophysical Journal, 2015, 108, 592a.	0.5	0
8	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
9	Microtubule Detyrosination Modulates Stretch-Dependent X-ROS Signaling in Heart. Biophysical Journal, 2015, 108, 503a.	0.5	0
10	Detyrosinated microtubules modulate mechanotransduction in heart and skeletal muscle. Nature Communications, 2015, 6, 8526.	12.8	182
11	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
12	Dysferlin at transverse tubules regulates Ca <sup>2+</sup> homeostasis in skeletal muscle. Frontiers in Physiology, 2014, 5, 89.	2.8	54
13	Genetic silencing of Nrf2 enhances X-ROS in dysferlin-deficient muscle. Frontiers in Physiology, 2014, 5, 57.	2.8	25
14	Human skeletal muscle xenograft as a new preclinical model for muscle disorders. Human Molecular Genetics, 2014, 23, 3180-3188.	2.9	48
15	Microtubule Network Density Tunes Both Stretch and Contraction Activated X-ROS. Biophysical Journal, 2014, 106, 727a.	0.5	0
16	Targeting NRF2 Activation Modulates X-Ros Signaling in Dystrophic Skeletal Muscle. Biophysical Journal, 2014, 106, 727a.	0.5	0
17	Stretch-Dependent Regulation of Calcium Signaling in Heart - Who are the Key Players?. Biophysical Journal, 2014, 106, 322a.	0.5	1
18	Dysferlin stabilizes stress-induced Ca <sup>2+</sup> 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

#	ARTICLE	IF	CITATIONS
19	Altered Skeletal Muscle Excitation Contraction Coupling in Dysferlinopathy. Biophysical Journal, 2012, 102, 310a.	0.5	0
20	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