

Kyounghwan Lee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

368
citations

10
h-index

19
g-index

19
ext. papers

531
ext. citations

9.4
avg, IF

3.05
L-index

#	Paper	IF	Citations
17	Fast skeletal myosin-binding protein-C regulates fast skeletal muscle contraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
16	Amino terminus of cardiac myosin binding protein-C regulates cardiac contractility. <i>Journal of Molecular and Cellular Cardiology</i> , 2021 , 156, 33-44	5.8	2
15	The N terminus of myosin-binding protein C extends toward actin filaments in intact cardiac muscle. <i>Journal of General Physiology</i> , 2021 , 153,	3.4	4
14	The myosin interacting-heads motif present in live tarantula muscle explains tetanic and posttetanic phosphorylation mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 11865-11874	11.5	15
13	Cryo-EM structure of the inhibited (10S) form of myosin II. <i>Nature</i> , 2020 , 588, 521-525	50.4	23
12	Altered C10 domain in cardiac myosin binding protein-C results in hypertrophic cardiomyopathy. <i>Cardiovascular Research</i> , 2019 , 115, 1986-1997	9.9	10
11	The central role of the tail in switching off 10S myosin II activity. <i>Journal of General Physiology</i> , 2019 , 151, 1081-1093	3.4	10
10	Lattice arrangement of myosin filaments correlates with fiber type in rat skeletal muscle. <i>Journal of General Physiology</i> , 2019 , 151, 1404-1412	3.4	3
9	Interacting-heads motif has been conserved as a mechanism of myosin II inhibition since before the origin of animals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E1991-E2000	11.5	44
8	Micromorphology and development of the epicuticular structure on the epidermal cell of ginseng leaves. <i>Journal of Ginseng Research</i> , 2015 , 39, 135-40	5.8	2
7	Myosin-binding protein C corrects an intrinsic inhomogeneity in cardiac excitation-contraction coupling. <i>Science Advances</i> , 2015 , 1,	14.3	47
6	Pacemaker-induced transient asynchrony suppresses heart failure progression. <i>Science Translational Medicine</i> , 2015 , 7, 319ra207	17.5	22
5	Orientation of myosin binding protein C in the cardiac muscle sarcomere determined by domain-specific immuno-EM. <i>Journal of Molecular Biology</i> , 2015 , 427, 274-86	6.5	24
4	Structure, sarcomeric organization, and thin filament binding of cardiac myosin-binding protein-C. <i>Pflügers Archiv European Journal of Physiology</i> , 2014 , 466, 425-31	4.6	30
3	N-glycan maturation is crucial for cytokinin-mediated development and cellulose synthesis in <i>Oryza sativa</i> . <i>Plant Journal</i> , 2013 , 73, 966-79	6.9	61
2	Cardiac myosin binding protein-C plays no regulatory role in skeletal muscle structure and function. <i>PLoS ONE</i> , 2013 , 8, e69671	3.7	22
1	Functional characterization of ObgC in ribosome biogenesis during chloroplast development. <i>Plant Journal</i> , 2012 , 71, 122-34	6.9	46

