

Balázs Kiss

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

445
citations

840585

11
h-index

1125617

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g-index

13
all docs

13
docs citations

13
times ranked

693
citing authors

#	ARTICLE	IF	CITATIONS
1	The giant protein titin regulates the length of the striated muscle thick filament. <i>Nature Communications</i> , 2017, 8, 1041.	5.8	79
2	Downsizing the molecular spring of the giant protein titin reveals that skeletal muscle titin determines passive stiffness and drives longitudinal hypertrophy. <i>ELife</i> , 2018, 7, .	2.8	74
3	Mutation-specific effects on thin filament length in thin filament myopathy. <i>Annals of Neurology</i> , 2016, 79, 959-969.	2.8	54
4	Muscle intermediate filaments form a stress-transmitting and stress- signaling network in muscle. <i>Journal of Cell Science</i> , 2015, 128, 219-24.	1.2	51
5	Nebulin stiffens the thin filament and augments cross-bridge interaction in skeletal muscle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10369-10374.	3.3	39
6	Fine mapping titin's C-zone: Matching cardiac myosin-binding protein C stripes with titin's super-repeats. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 133, 47-56.	0.9	39
7	KBTBD13 is an actin-binding protein that modulates muscle kinetics. <i>Journal of Clinical Investigation</i> , 2020, 130, 754-767.	3.9	25
8	Theoretical Predictions of the Effects of Force Transmission by Desmin on Intersarcomere Dynamics. <i>Biophysical Journal</i> , 2010, 98, 258-266.	0.2	24
9	Nebulin and Lmod2 are critical for specifying thin-filament length in skeletal muscle. <i>Science Advances</i> , 2020, 6, .	4.7	22
10	Lateral gradients significantly enhance static magnetic field-induced inhibition of pain responses in mice—a double blind experimental study. <i>Bioelectromagnetics</i> , 2013, 34, 385-396.	0.9	15
11	Structure and elasticity of desmin protofibrils explored with scanning force microscopy. <i>Journal of Molecular Recognition</i> , 2011, 24, 1095-1104.	1.1	11
12	Plasmin-driven fibrinolysis in a quasi-two-dimensional nanoscale fibrin matrix. <i>Journal of Structural Biology</i> , 2018, 203, 273-280.	1.3	7
13	Analysis of the Effect of Locally Applied Inhomogeneous Static Magnetic Field-Exposure on Mouse Ear Edema — A Double Blind Study. <i>PLoS ONE</i> , 2015, 10, e0118089.	1.1	5