

Mert Colpan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

235
citations

933447

10
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

247
citing authors

#	ARTICLE	IF	CITATIONS
1	CAP2 is a regulator of actin pointed end dynamics and myofibrillogenesis in cardiac muscle. <i>Communications Biology</i> , 2021, 4, 365.	4.4	11
2	Redefining actin dynamics of the pointed-end complex in striated muscle. <i>Trends in Cell Biology</i> , 2021, 31, 708-711.	7.9	5
3	Leiomodin creates a leaky cap at the pointed end of actin-thin filaments. <i>PLoS Biology</i> , 2020, 18, e3000848.	5.6	16
4	Leiomodin creates a leaky cap at the pointed end of actin-thin filaments. , 2020, 18, e3000848.		0
5	Leiomodin creates a leaky cap at the pointed end of actin-thin filaments. , 2020, 18, e3000848.		0
6	Leiomodin creates a leaky cap at the pointed end of actin-thin filaments. , 2020, 18, e3000848.		0
7	Leiomodin creates a leaky cap at the pointed end of actin-thin filaments. , 2020, 18, e3000848.		0
8	Leiomodin creates a leaky cap at the pointed end of actin-thin filaments. , 2020, 18, e3000848.		0
9	Leiomodin creates a leaky cap at the pointed end of actin-thin filaments. , 2020, 18, e3000848.		0
10	Effects of cardiomyopathy-linked mutations K15N and R21H in tropomyosin on thin-filament regulation and pointed-end dynamics. <i>Molecular Biology of the Cell</i> , 2019, 30, 268-281.	2.1	12
11	Mechanosensitive Gene Regulation by Myocardin-Related Transcription Factors Is Required for Cardiomyocyte Integrity in Load-Induced Ventricular Hypertrophy. <i>Circulation</i> , 2018, 138, 1864-1878.	1.6	34
12	Characterizing interaction forces between actin and proteins of the tropomodulin family reveals the presence of the N-terminal actin-binding site in leiomodin. <i>Archives of Biochemistry and Biophysics</i> , 2018, 638, 18-26.	3.0	14
13	Tropomodulin's Actin-Binding Abilities Are Required to Modulate Dendrite Development. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 357.	2.9	9
14	The cardiomyopathy-associated K15N mutation in tropomyosin alters actin filament pointed end dynamics. <i>Archives of Biochemistry and Biophysics</i> , 2017, 630, 18-26.	3.0	16
15	Tropomodulin isoforms utilize specific binding functions to modulate dendrite development. <i>Cytoskeleton</i> , 2016, 73, 316-328.	2.0	20
16	Tropomyosin-binding properties modulate competition between tropomodulin isoforms. <i>Archives of Biochemistry and Biophysics</i> , 2016, 600, 23-32.	3.0	20
17	The Effects of Noncellulosic Compounds on the Nanoscale Interaction Forces Measured between Carbohydrate-Binding Module and Lignocellulosic Biomass. <i>Biomacromolecules</i> , 2016, 17, 1705-1715.	5.4	21
18	Localization of the binding interface between leiomodin-2 and β -tropomyosin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 523-530.	2.3	18

#	ARTICLE	IF	CITATIONS
19	Tropomodulins and tropomyosins: working as a team. <i>Journal of Muscle Research and Cell Motility</i> , 2013, 34, 247-260.	2.0	39