

Omar A Quintero

List of Publications by Year in descending order

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23
papers

751
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687363

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26
all docs

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docs citations

26
times ranked

936
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging of the Cytoskeleton Using Live and Fixed Tissue Culture Cells. <i>Methods in Molecular Biology</i> , 2022, 2364, 159-173.	0.9	0
2	The MyMOMA domain of MYO19 encodes for distinct Miro-dependent and Miro-independent mechanisms of interaction with mitochondrial membranes. <i>Cytoskeleton</i> , 2020, 77, 149-166.	2.0	28
3	Actin chromobody imaging reveals sub-organellar actin dynamics. <i>Nature Methods</i> , 2020, 17, 917-921.	19.0	33
4	Myosin XIX. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1239, 439-451.	1.6	4
5	Secreted frizzled related protein is a target of PaxB and plays a role in aquiferous system development in the freshwater sponge, <i>Ephydatia muelleri</i> . <i>PLoS ONE</i> , 2019, 14, e0212005.	2.5	8
6	Effects of a novel microtubule-depolymerizer on pro-inflammatory signaling in RAW264.7 macrophages. <i>Chemico-Biological Interactions</i> , 2018, 280, 109-116.	4.0	7
7	Permeabilization activated reduction in fluorescence: A novel method to measure kinetics of protein interactions with intracellular structures. <i>Cytoskeleton</i> , 2016, 73, Spc1-Spc1.	2.0	0
8	Permeabilization activated reduction in fluorescence: A novel method to measure kinetics of protein interactions with intracellular structures. <i>Cytoskeleton</i> , 2016, 73, 271-285.	2.0	5
9	Impact of the Motor and Tail Domains of Class III Myosins on Regulating the Formation and Elongation of Actin Protrusions. <i>Journal of Biological Chemistry</i> , 2016, 291, 22781-22792.	3.4	14
10	Positively charged residues within the MYO19 MyMOMA domain are essential for proper localization of MYO19 to the mitochondrial outer membrane. <i>Cytoskeleton</i> , 2016, 73, 286-299.	2.0	20
11	Imaging of the Cytoskeleton Using Live and Fixed Drosophila Tissue Culture Cells. <i>Methods in Molecular Biology</i> , 2016, 1365, 83-97.	0.9	7
12	Invertebrate and Vertebrate Class III Myosins Interact with MORN Repeat-Containing Adaptor Proteins. <i>PLoS ONE</i> , 2015, 10, e0122502.	2.5	20
13	Myo19 Ensures Symmetric Partitioning of Mitochondria and Coupling of Mitochondrial Segregation to Cell Division. <i>Current Biology</i> , 2014, 24, 2598-2605.	3.9	76
14	Myosin 3A Kinase Activity Is Regulated by Phosphorylation of the Kinase Domain Activation Loop. <i>Journal of Biological Chemistry</i> , 2013, 288, 37126-37137.	3.4	28
15	Biochemical and bioinformatic analysis of the myosin XIX motor domain. <i>Cytoskeleton</i> , 2013, 70, 281-295.	2.0	25
16	Myosin X dimerization and its impact on cellular functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17313-17314.	7.1	4
17	Myosin IIIB Uses an Actin-Binding Motif in Its Espin-1 Cargo to Reach the Tips of Actin Protrusions. <i>Current Biology</i> , 2012, 22, 320-325.	3.9	66
18	Basics of the Cytoskeleton: Myosins. , 2012, , 73-100.		0

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19	In vivo rescue of alveolar macrophages from SP-A knockout mice with exogenous SP-A nearly restores a wild type intracellular proteome; actin involvement. <i>Proteome Science</i> , 2011, 9, 67.	1.7	41
20	Intermolecular Autophosphorylation Regulates Myosin IIIa Activity and Localization in Parallel Actin Bundles. <i>Journal of Biological Chemistry</i> , 2010, 285, 35770-35782.	3.4	37
21	A Novel Form of Motility in Filopodia Revealed by Imaging Myosin-X at the Single-Molecule Level. <i>Current Biology</i> , 2009, 19, 967-973.	3.9	110
22	Human Myo19 Is a Novel Myosin that Associates with Mitochondria. <i>Current Biology</i> , 2009, 19, 2008-2013.	3.9	160
23	Cdc42 and ARP2/3-independent regulation of filopodia by an integral membrane lipid-phosphatase-related protein. <i>Journal of Cell Science</i> , 2007, 120, 340-352.	2.0	53