Omar A Quintero

List of Publications by Year
in descending order

23	751	687363 13	752698 20
papers	citations	h-index	g-index

26	26	26	936
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Human Myo19 Is a Novel Myosin that Associates with Mitochondria. Current Biology, 2009, 19, 2008-2013.	3.9	160
2	A Novel Form of Motility in Filopodia Revealed by Imaging Myosin-X at the Single-Molecule Level. Current Biology, 2009, 19, 967-973.	3.9	110
3	Myo19 Ensures Symmetric Partitioning of Mitochondria and Coupling of Mitochondrial Segregation to Cell Division. Current Biology, 2014, 24, 2598-2605.	3.9	76
4	Myosin IIIB Uses an Actin-Binding Motif in Its Espin-1 Cargo to Reach the Tips of Actin Protrusions. Current Biology, 2012, 22, 320-325.	3.9	66
5	Cdc42 and ARP2/3-independent regulation of filopodia by an integral membrane lipid-phosphatase-related protein. Journal of Cell Science, 2007, 120, 340-352.	2.0	53
6	In vivo rescue of alveolar macrophages from SP-A knockout mice with exogenous SP-A nearly restores a wild type intracellular proteome; actin involvement. Proteome Science, 2011, 9, 67.	1.7	41
7	Intermolecular Autophosphorylation Regulates Myosin IIIa Activity and Localization in Parallel Actin Bundles. Journal of Biological Chemistry, 2010, 285, 35770-35782.	3.4	37
8	Actin chromobody imaging reveals sub-organellar actin dynamics. Nature Methods, 2020, 17, 917-921.	19.0	33
9	Myosin 3A Kinase Activity Is Regulated by Phosphorylation of the Kinase Domain Activation Loop. Journal of Biological Chemistry, 2013, 288, 37126-37137.	3.4	28
10	The MyMOMA domain of MYO19 encodes for distinct Miroâ€dependent and Miroâ€independent mechanisms of interaction with mitochondrial membranes. Cytoskeleton, 2020, 77, 149-166.	2.0	28
11	Biochemical and bioinformatic analysis of the myosinâ€XIX motor domain. Cytoskeleton, 2013, 70, 281-295.	2.0	25
12	Positively charged residues within the MYO19 MyMOMA domain are essential for proper localization of MYO19 to the mitochondrial outer membrane. Cytoskeleton, 2016, 73, 286-299.	2.0	20
13	Invertebrate and Vertebrate Class III Myosins Interact with MORN Repeat-Containing Adaptor Proteins. PLoS ONE, 2015, 10, e0122502.	2.5	20
14	Impact of the Motor and Tail Domains of Class III Myosins on Regulating the Formation and Elongation of Actin Protrusions. Journal of Biological Chemistry, 2016, 291, 22781-22792.	3.4	14
15	Secreted frizzled related protein is a target of PaxB and plays a role in aquiferous system development in the freshwater sponge, Ephydatia muelleri. PLoS ONE, 2019, 14, e0212005.	2.5	8
16	Effects of a novel microtubule-depolymerizer on pro-inflammatory signaling in RAW264.7 macrophages. Chemico-Biological Interactions, 2018, 280, 109-116.	4.0	7
17	Imaging of the Cytoskeleton Using Live and Fixed Drosophila Tissue Culture Cells. Methods in Molecular Biology, 2016, 1365, 83-97.	0.9	7
18	Permeabilization activated reduction in fluorescence: A novel method to measure kinetics of protein interactions with intracellular structures. Cytoskeleton, 2016, 73, 271-285.	2.0	5

#	Article	IF	Citations
19	Myosin X dimerization and its impact on cellular functions. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17313-17314.	7.1	4
20	Myosin XIX. Advances in Experimental Medicine and Biology, 2020, 1239, 439-451.	1.6	4
21	Permeabilization activated reduction in fluorescence: A novel method to measure kinetics of protein interactions with intracellular structures. Cytoskeleton, 2016, 73, Spc1-Spc1.	2.0	0
22	Imaging of the Cytoskeleton Using Live and Fixed Tissue Culture Cells. Methods in Molecular Biology, 2022, 2364, 159-173.	0.9	0
23	Basics of the Cytoskeleton: Myosins. , 2012, , 73-100.		0