Metello Innocenti

List of Publications by Year
in descending order

31 papers	2,986 citations	304743 22 h-index	454955 30 g-index
32 all docs	32 docs citations	32 times ranked	3663 citing authors

#	Article	IF	Citations
1	Abi1 is essential for the formation and activation of a WAVE2 signalling complex. Nature Cell Biology, 2004, 6, 319-327.	10.3	364
2	Sra-1 and Nap1 link Rac to actin assembly driving lamellipodia formation. EMBO Journal, 2004, 23, 749-759.	7.8	359
3	Regulation of actin dynamics by WASP and WAVE family proteins. Trends in Cell Biology, 2004, 14, 303-311.	7.9	265
4	Phosphoinositide 3-kinase activates Rac by entering in a complex with Eps8, Abi1, and Sos-1. Journal of Cell Biology, 2003, 160, 17-23.	5.2	231
5	Abi1 regulates the activity of N-WASP and WAVE in distinct actin-based processes. Nature Cell Biology, 2005, 7, 969-976.	10.3	201
6	NEW EMBO MEMBERS' REVIEW: Signaling from Ras to Rac and beyond: not just a matter of GEFs. EMBO Journal, 2000, 19, 2393-2398.	7.8	186
7	Mechanisms through which Sos-1 coordinates the activation of Ras and Rac. Journal of Cell Biology, 2002, 156, 125-136.	5.2	166
8	An effector region in Eps8 is responsible for the activation of the Rac-specific GEF activity of Sos-1 and for the proper localization of the Rac-based actinâ€“polymerizing machine. Journal of Cell Biology, 2001, 154, 1031-1044.	5.2	121
9	Role of Phosphoinositide 3-Kinase Regulatory Isoforms in Development and Actin Rearrangement. Molecular and Cellular Biology, 2005, 25, 2593-2606.	2.3	120
10	WAVE and Arp2/3 jointly inhibit filopodium formation by entering into a complex with mDia2. Nature Cell Biology, 2008, 10, 849-857.	10.3	107
11	WASP-related proteins, Abi1 and Ena/VASP are required for Listeria invasion induced by the Met receptor. Journal of Cell Science, 2005, 118, 1537-1547.	2.0	94
12	Flat clathrin lattices are dynamic actin-controlled hubs for clathrin-mediated endocytosis and signalling of specific receptors. Nature Communications, 2017, 8, 16068.	12.8	93
13	Cloning and Characterization of Mouse UBPy, a Deubiquitinating Enzyme That Interacts with the Ras Guanine Nucleotide Exchange Factor CDC25Mm/Ras-GRF1. Journal of Biological Chemistry, 2001, 276, 39448-39454.	3.4	81
14	SMIFH2 has effects on Formins and p53 that perturb the cell cytoskeleton. Scientific Reports, 2015, 5, 9802.	3.3	79
15	Initiation of lamellipodia and ruffles involves cooperation between mDia1 and the Arp2/3 complex. Journal of Cell Science, 2015, 128, 3796-810.	2.0	79
16	New insights into the formation and the function of lamellipodia and ruffles in mesenchymal cell migration. Cell Adhesion and Migration, 2018, 12, 1-16.	2.7	76
17	PFA fixation enables artifact-free super-resolution imaging of the actin cytoskeleton and associated proteins. Biology Open, 2016, 5, 1001-1009.	1.2	55
18	CDC25Mm/Ras-GRF1 regulates both Ras and Rac signaling pathways. FEBS Letters, 1999, 460, 357-362.	2.8	43

#	Article	IF	Citations
19	Rapid Remodeling of Invadosomes by Gi-coupled Receptors. Journal of Biological Chemistry, 2016, 291, 4323-4333.	3.4	41
20	Knockout of the Arp2/3 complex in epidermis causes a psoriasis-like disease hallmarked by hyperactivation of transcription factor Nrf2. Development (Cambridge), 2017, 144, 4588-4603.	2.5	41
21	A paracrine activin Aâ€“mDia2 axis promotes squamous carcinogenesis via fibroblast reprogramming. EMBO Molecular Medicine, 2020, 12, e11466.	6.9	40
22	Interplay between N-WASP and CK2 optimizes clathrin-mediated endocytosis of EGFR. Journal of Cell Science, 2011, 124, 2001-2012.	2.0	30
23	mTORC1 and mTORC2 Converge on the Arp2/3 Complex to Promote KrasG12D-Induced Acinar-to-Ductal Metaplasia and Early Pancreatic Carcinogenesis. Gastroenterology, 2021, 160, 1755-1770.e17.	1.3	24
24	Proteomic Analyses Uncover a New Function and Mode of Action for Mouse Homolog of Diaphanous 2 (mDia2)*. Molecular and Cellular Proteomics, 2015, 14, 1064-1078.	3.8	20
25	Profilin binding couples chloride intracellular channel protein CLIC4 to RhoAâ€“mDia2 signaling and filopodium formation. Journal of Biological Chemistry, 2018, 293, 19161-19176.	3.4	18
26	New nuclear and perinuclear functions of formins. Biochemical Society Transactions, 2016, 44, 1701-1708.	3.4	16
27	Invadosomes ndash shaping actin networks to follow mechanical cues. Frontiers in Bioscience - Landmark, 2016, 21, 1092-1117.	3.0	15
28	Quantitative Proteomics Illuminates a Functional Interaction between mDia2 and the Proteasome. Journal of Proteome Research, 2016, 15, 4624-4637.	3.7	11
29	Tips and tricks for artifact-free PFA-based fixation of the actin cytoskeleton and its regulatory proteins for single molecule localization super-resolution microscopy. Protocol Exchange, 0, , .	0.3	4
30	The chloride intracellular channel protein CLIC4 inhibits filopodium formation induced by constitutively active mutants of formin mDia2. FEBS Letters, 2020, 594, 1750-1758.	2.8	3
31	mDia1 Assembles a Linear F-Actin Coat at Membrane Invaginations To Drive Listeria monocytogenes Cell-to-Cell Spreading. MBio, 2021, , e0293921.	4.1	3