CÃ©line Hoffmann

List of Publications by Year
in descending order

23 papers	792 citations	623734 14 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	1245 citing authors

#	Article	IF	Citations
1	Arabidopsis LIM Proteins: A Family of Actin Bundlers with Distinct Expression Patterns and Modes of Regulation Â. Plant Cell, 2010, 22, 3034-3052.	6.6	93
2	Actin Cytoskeleton Remodeling Drives Breast Cancer Cell Escape from Natural Killerâ€“Mediated Cytotoxicity. Cancer Research, 2018, 78, 5631-5643.	0.9	93
3	TWISTED DWARF1 Mediates the Action of Auxin Transport Inhibitors on Actin Cytoskeleton Dynamics. Plant Cell, 2016, 28, 930-948.	6.6	88
4	Tobacco WLIM1 Is a Novel F-Actin Binding Protein Involved in Actin Cytoskeleton Remodeling. Plant Cell, 2006, 18, 2194-2206.	6.6	85
5	Hypoxia promotes breast cancer cell invasion through HIF-1Î±-mediated up-regulation of the invadopodial actin bundling protein CSRP2. Scientific Reports, 2018, 8, 10191.	3.3	59
6	Human Muscle LIM Protein Dimerizes along the Actin Cytoskeleton and Cross-Links Actin Filaments. Molecular and Cellular Biology, 2014, 34, 3053-3065.	2.3	45
7	Actin Cytoskeleton Straddling the Immunological Synapse between Cytotoxic Lymphocytes and Cancer Cells. Cells, 2019, 8, 463.	4.1	41
8	The LIM Domains of WLIM1 Define a New Class of Actin Bundling Modules. Journal of Biological Chemistry, 2007, 282, 33599-33608.	3.4	39
9	Quantitative Kinetic Study of the Actin-Bundling Protein L-Plastin and of Its Impact on Actin Turn-Over. PLoS ONE, 2010, 5, e9210.	2.5	36
10	Arabidopsisactin-depolymerizing factors (ADFs) 1 and 9 display antagonist activities. FEBS Letters, 2011, 585, 1821-1827.	2.8	33
11	A LIM Domain Protein from Tobacco Involved in Actin-Bundling and Histone Gene Transcription. Molecular Plant, 2013, 6, 483-502.	8.3	33
12	CRP2, a new invadopodia actin bundling factor critically promotes breast cancer cell invasion and metastasis. Oncotarget, 2016, 7, 13688-13705.	1.8	33
13	Live cell imaging approaches reveal actin cytoskeleton-induced self-association of the actin-bundling protein WLIM1. Journal of Cell Science, 2014, 127, 583-98.	2.0	23
14	Mouse Natural Killer (NK) Cells Express the Nerve Growth Factor Receptor TrkA, which Is Dynamically Regulated. PLoS ONE, 2010, 5, e15053.	2.5	17
15	Actin bundling via LIM domains. Plant Signaling and Behavior, 2008, 3, 320-321.	2.4	13
16	Proteomic profiling of rapid non-genomic and concomitant genomic effects of acute restraint stress on rat thymocytes. Journal of Proteomics, 2012, 75, 2064-2079.	2.4	13
17	Intrinsic Resistance of Chronic Lymphocytic Leukemia Cells to NK Cell-Mediated Lysis Can Be Overcome In Vitro by Pharmacological Inhibition of Cdc42-Induced Actin Cytoskeleton Remodeling. Frontiers in Immunology, 2021, 12, 619069.	4.8	11
18	Actin remodeling and vesicular trafficking at the tumor cell side of the immunological synapse direct evasion from cytotoxic lymphocytes. International Review of Cell and Molecular Biology, 2020, 356, 99-130.	3.2	9

#	Article	IF	Citations
19	LIM Proteins. Plant Signaling and Behavior, 2007, 2, 99-100.	2.4	7
20	Do tumor cells escape from natural killer cell cytotoxicity by mimicking dendritic cells?. Oncotarget, 2019, 10, 2419-2420.	1.8	6
21	The multiple roles of actin-binding proteins at invadopodia. International Review of Cell and Molecular Biology, 2021, 360, 99-132.	3.2	6
22	The pH sensibility of actinâ€bundling LIM proteins is governed by the acidic properties of their Câ€terminal domain. FEBS Letters, 2015, 589, 2312-2319.	2.8	5
23	Subcellular localization and function of 2LIM proteins in plants and humans. Planta, 2017, 246, 1243-1245.	3.2	4