Clement Thomas

List of Publications by Year in descending order

35 papers	1,180 citations	430874 18 h-index	434195 31 g-index
35 all docs	35 docs citations	35 times ranked	1605 citing authors

#	Article	IF	Citations
1	Spatial expression of a sunflower SERK gene during induction of somatic embryogenesis and shoot organogenesis. Plant Physiology and Biochemistry, 2004, 42, 35-42.	5.8	119
2	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
3	Actin Cytoskeleton Remodeling Drives Breast Cancer Cell Escape from Natural Killerâ€“Mediated Cytotoxicity. Cancer Research, 2018, 78, 5631-5643.	0.9	93
4	TWISTED DWARF1 Mediates the Action of Auxin Transport Inhibitors on Actin Cytoskeleton Dynamics. Plant Cell, 2016, 28, 930-948.	6.6	88
5	Tobacco WLIM1 Is a Novel F-Actin Binding Protein Involved in Actin Cytoskeleton Remodeling. Plant Cell, 2006, 18, 2194-2206.	6.6	85
6	Actin bundling in plants. Cytoskeleton, 2009, 66, 940-957.	4.4	82
7	Immuno-cytochemical localization of indole-3-acetic acid during induction of somatic embryogenesis in cultured sunflower embryos. Planta, 2002, 215, 577-583.	3.2	72
8	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
9	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
10	Actin Cytoskeleton Straddling the Immunological Synapse between Cytotoxic Lymphocytes and Cancer Cells. Cells, 2019, 8, 463.	4.1	41
11	The LIM Domains of WLIM1 Define a New Class of Actin Bundling Modules. Journal of Biological Chemistry, 2007, 282, 33599-33608.	3.4	39
12	Molecular characterization and spatial expression of the sunflower ABP1 gene. Plant Molecular Biology, 2003, 52, 1025-1036.	3.9	33
13	Participation of Plant Hormones in Determination and Progression of Somatic Embryogenesis. , 0, , 103-118.		33
14	Arabidopsisactin-depolymerizing factors (ADFs) 1 and 9 display antagonist activities. FEBS Letters, 2011, 585, 1821-1827.	2.8	33
15	A LIM Domain Protein from Tobacco Involved in Actin-Bundling and Histone Gene Transcription. Molecular Plant, 2013, 6, 483-502.	8.3	33
16	CRP2, a new invadopodia actin bundling factor critically promotes breast cancer cell invasion and metastasis. Oncotarget, 2016, 7, 13688-13705.	1.8	33
17	Bundling actin filaments from membranes: some novel players. Frontiers in Plant Science, 2012, 3, 188.	3.6	30
18	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

#	Article	IF	Citations
19	Transient expression of ipt gene enhances regeneration and transformation rates of sunflower shoot apices (Helianthus annuus L.). Plant Cell Reports, 2002, 21, 251-256.	5.6	21
20	A dynamic interplay between membranes and the cytoskeleton critical for cell development and signaling. Frontiers in Plant Science, 2014, 5, 335.	3.6	16
21	Detection of Neuroinflammation in a Rat Model of Subarachnoid Hemorrhage Using [18F]DPA-714 PET Imaging. Molecular Imaging, 2016, 15, 153601211663918.	1.4	15
22	Escape of tumor cells from the NK cell cytotoxic activity. Journal of Leukocyte Biology, 2020, 108, 1339-1360.	3.3	14
23	Actin bundling via LIM domains. Plant Signaling and Behavior, 2008, 3, 320-321.	2.4	13
24	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
25	Mode of Action of Plant Hormones and Plant Growth Regulators During Induction of Somatic Embryogenesis: Molecular Aspects. , 0, , 157-175.		9
26	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
27	LIM Proteins. Plant Signaling and Behavior, 2007, 2, 99-100.	2.4	7
28	Do tumor cells escape from natural killer cell cytotoxicity by mimicking dendritic cells?. Oncotarget, 2019, 10, 2419-2420.	1.8	6
29	Higher Incidence of B Cell Malignancies in Primary Immunodeficiencies: A Combination of Intrinsic Genomic Instability and Exocytosis Defects at the Immunological Synapse. Frontiers in Immunology, 2020, 11, 581119.	4.8	6
30	The multiple roles of actin-binding proteins at invadopodia. International Review of Cell and Molecular Biology, 2021, 360, 99-132.	3.2	6
31	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
32	Subcellular localization and function of 2LIM proteins in plants and humans. Planta, 2017, 246, 1243-1245.	3.2	4
33	Live cell imaging reveals actin-cytoskeleton-induced self-association of the actin-bundling protein WLIM1. Journal of Cell Science, 2014, 127, 1357-1357.	2.0	3
34	How natural killer cells avoid self-destruction when killing their targets. PLoS Biology, 2021, 19, e3001339.	5.6	1
35	Pro-Metastatic Matrix Metalloproteinase Expression is Induced by the Invadopodial and Cytoskeletal Regulators Glycine- and Cysteine-Rich Proteins 1 and 2. SSRN Electronic Journal, 0, , .	0.4	0