Violaine Moreau

List of Publications by Year
in descending order

47 papers	3,146 citations	218677 26 h-index	223800 46 g-index
51 all docs	51 docs citations	51 times ranked	3141 citing authors

#	Article	IF	Citations
1	Actin-based motility of vaccinia virus mimics receptor tyrosine kinase signalling. Nature, 1999, 401, 926-929.	27.8	394
2	A complex of N-WASP and WIP integrates signalling cascades that lead to actin polymerization. Nature Cell Biology, 2000, 2, 441-448.	10.3	321
3	Ubiquitination Mediated by the Npi1p/Rsp5p Ubiquitin-protein Ligase Is Required for Endocytosis of the Yeast Uracil Permease. Journal of Biological Chemistry, 1996, 271, 10946-10952.	3.4	289
4	Actin Can Reorganize into Podosomes in Aortic Endothelial Cells, a Process Controlled by Cdc42 and RhoA. Molecular and Cellular Biology, 2003, 23, 6809-6822.	2.3	180
5	Transforming Growth Factor Î² Induces Rosettes of Podosomes in Primary Aortic Endothelial Cells. Molecular and Cellular Biology, 2006, 26, 3582-3594.	2.3	155
6	TheSaccharomyces cerevisiaeHomologue of Human Wiskottâ€“Aldrich Syndrome Protein Las17p Interacts with the Arp2/3 Complex. Molecular Biology of the Cell, 1999, 10, 3521-3538.	2.1	153
7	Vaccinia virus infection disrupts microtubule organization and centrosome function. EMBO Journal, 2000, 19, 3932-3944.	7.8	151
8	A signalling cascade involving PKC, Src and Cdc42 regulates podosome assembly in cultured endothelial cells in response to phorbol ester. Journal of Cell Science, 2006, 119, 769-781.	2.0	150
9	Grb2 and Nck Act Cooperatively to Promote Actin-Based Motility of Vaccinia Virus. Current Biology, 2002, 12, 740-745.	3.9	135
10	Tyrosine phosphorylation is required for actin-based motility of vaccinia but not Listeria or Shigella. Current Biology, 1999, 9, 89-S2.	3.9	105
11	Autocrine control of glioma cells adhesion/migration through Inositol Requiring enzyme 1Î± (IRE1Î±)-mediated cleavage of Secreted Protein Acidic Rich in Cysteine (SPARC) mRNA. Journal of Cell Science, 2012, 125, 4278-87.	2.0	96
12	Discoidin domain receptor 1 controls linear invadosome formation via a Cdc42â€“Tuba pathway. Journal of Cell Biology, 2014, 207, 517-533.	5.2	92
13	Physiological type I collagen organization induces the formation of a novel class of linear invadosomes. Molecular Biology of the Cell, 2012, 23, 297-309.	2.1	84
14	Rnd3 in Cancer: A Review of the Evidence for Tumor Promoter or Suppressor. Molecular Cancer Research, 2016, 14, 1033-1044.	3.4	64
15	Rho GTPases in hepatocellular carcinoma. Biochimica Et Biophysica Acta: Reviews on Cancer, 2009, 1795, 137-151.	7.4	60
16	Rnd3/RhoE Is down-regulated in hepatocellular carcinoma and controls cellular invasion. Hepatology, 2012, 55, 1766-1775.	7.3	53
17	Extracellular matrix rigidity controls podosome induction in microvascular endothelial cells. Biology of the Cell, 2013, 105, 46-57.	2.0	53
18	The microenvironment controls invadosome plasticity. Journal of Cell Science, 2016, 129, 1759-68.	2.0	53

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19	p190B RhoGAP regulates endothelial-cell-associated proteolysis through MT1-MMP and MMP2. Journal of Cell Science, 2008, 121, 2054-2061.	2.0	43
20	Combining laser capture microdissection and proteomics reveals an active translation machinery controlling invadosome formation. Nature Communications, 2018, 9, 2031.	12.8	43
21	Cdc42 is required for membrane dependent actin polymerization in vitro. FEBS Letters, 1998, 427, 353-356.	2.8	42
22	TGF-Î²1 promotes linear invadosome formation in hepatocellular carcinoma cells, through DDR1 up-regulation and collagen I cross-linking. European Journal of Cell Biology, 2016, 95, 503-512.	3.6	41
23	Cdc42-driven podosome formation in endothelial cells. European Journal of Cell Biology, 2006, 85, 319-325.	3.6	39
24	Cdc42 and Tks5. Cell Adhesion and Migration, 2014, 8, 280-292.	2.7	39
25	Transient Activations of Rac1 at the Lamellipodium Tip Trigger Membrane Protrusion. Current Biology, 2019, 29, 2852-2866.e5.	3.9	38
26	p190RhoGAPs, the ARHGAP35- and ARHGAP5-Encoded Proteins, in Health and Disease. Cells, 2019, 8, 351.	4.1	31
27	Cancer-associated mutations in the protrusion-targeting region of p190RhoGAP impact tumor cell migration. Journal of Cell Biology, 2016, 214, 859-873.	5.2	25
28	TGFÎ²1-induced aortic endothelial morphogenesis requires signaling by small GTPases Rac1 and RhoA. Experimental Cell Research, 2006, 312, 3604-3619.	2.6	24
29	Regulatory signals for endothelial podosome formation. European Journal of Cell Biology, 2008, 87, 543-554.	3.6	21
30	In vitro approaches to study actin and microtubule dependent cell processes. Current Opinion in Cell Biology, 1999, 11, 152-158.	5.4	18
31	Actin Depolymerization in Dedifferentiated Liver Sinusoidal Endothelial Cells Promotes Fenestrae Reâ€Formation. Hepatology Communications, 2019, 3, 213-219.	4.3	18
32	Sodium fluoride induces podosome formation in endothelial cells. Biology of the Cell, 2010, 102, 489-498.	2.0	16
33	A novel small-molecule screening strategy identifies mitoxantrone as a RhoGTPase inhibitor. Biochemical Journal, 2013, 450, 55-62.	3.7	15
34	2D and 3D Matrices to Study Linear Invadosome Formation and Activity. Journal of Visualized Experiments, 2017, , .	0.3	12
35	Alterations in cytoskeletal protein expression by mycophenolic acid in human mesangial cells requires Rac inactivation. Biochemical Pharmacology, 2007, 73, 1491-1498.	4.4	11
36	Improved Electrophoretic Separation to Assist the Monitoring of Bcl-xL Post-Translational Modifications. International Journal of Molecular Sciences, 2019, 20, 5571.	4.1	11

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37	Regulation of Rho GTPase activity at the leading edge of migrating cells by p190RhoGAP. Small GTPases, 2019, 10, 99-110.	1.6	11
38	Pathophysiological functions of Rnd proteins. Small GTPases, 2021, 12, 336-357.	1.6	11
39	Rnd3/RhoE expression is regulated by G-actin through MKL1-SRF signaling pathway. Experimental Cell Research, 2018, 370, 227-236.	2.6	8
40	STED microscopy: A simplified method for liver sinusoidal endothelial fenestrae analysis. Biology of the Cell, 2018, 110, 159-168.	2.0	7
41	Type I collagen fibrils: an inducer of invadosomes. Oncotarget, 2015, 6, 28519-28520.	1.8	7
42	Discoidin Domain Receptor 2 orchestrates melanoma resistance combining phenotype switching and proliferation. Oncogene, 2022, 41, 2571-2586.	5.9	6
43	Silencing of RND3/RHOE inhibits the growth of human hepatocellular carcinoma and is associated with reversible senescence. Cancer Gene Therapy, 2022, 29, 437-444.	4.6	6
44	Type I collagen fibrils and discoidin domain receptor 1 set invadosomes straight. Molecular and Cellular Oncology, 2015, 2, e1004963.	0.7	5
45	1D continuous gel electrophoresis composition for the separation of deamidated proteins. Methods, 2022, 200, 23-30.	3.8	4
46	Reptin/RUVBL2 is required for hepatocyte proliferation in vivo, liver regeneration and homeostasis. Liver International, 2021, 41, 1423-1429.	3.9	4
47	Meeting report â€“ Imaging the Cell. Journal of Cell Science, 2015, 128, 3843-3847.	2.0	0