

# Amel Mettouchi

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,662  
citations

430874

18  
h-index

501196

28  
g-index

33  
all docs

33  
docs citations

33  
times ranked

4514  
citing authors

#	ARTICLE	IF	CITATIONS
1	CNF1 Exploits the Ubiquitin-Proteasome Machinery to Restrict Rho GTPase Activation for Bacterial Host Cell Invasion. <i>Cell</i> , 2002, 111, 553-564.	28.9	268
2	Integrin-Specific Activation of Rac Controls Progression through the G1 Phase of the Cell Cycle. <i>Molecular Cell</i> , 2001, 8, 115-127.	9.7	263
3	The E3 Ubiquitin-Ligase HACE1 Catalyzes the Ubiquitylation of Active Rac1. <i>Developmental Cell</i> , 2011, 21, 959-965.	7.0	149
4	Endothelial basement membrane limits tip cell formation by inducing Dll4/Notch signalling <i>in vivo</i> . <i>EMBO Reports</i> , 2011, 12, 1135-1143.	4.5	129
5	Laminin-Binding Integrins Induce Dll4 Expression and Notch Signaling in Endothelial Cells. <i>Circulation Research</i> , 2011, 109, 172-182.	4.5	101
6	Screening in Planarians Identifies MORN2 as a Key Component in LC3-Associated Phagocytosis and Resistance to Bacterial Infection. <i>Cell Host and Microbe</i> , 2014, 16, 338-350.	11.0	95
7	Hace1 controls ROS generation of vertebrate Rac1-dependent NADPH oxidase complexes. <i>Nature Communications</i> , 2013, 4, 2180.	12.8	94
8	Induction of transient macroapertures in endothelial cells through RhoA inhibition by <i>Staphylococcus aureus</i> factors. <i>Journal of Cell Biology</i> , 2006, 173, 809-819.	5.2	74
9	The Wilms' tumor gene product represses the transcription of thrombospondin-1 in response to overexpression of c-Jun. <i>Oncogene</i> , 1999, 18, 3143-3151.	5.9	64
10	<i>Escherichia coli</i> Producing CNF1 Toxin Hijacks Tollip to Trigger Rac1-Dependent Cell Invasion. <i>Traffic</i> , 2011, 12, 579-590.	2.7	49
11	Distinct roles of $\beta$ 1 integrins during angiogenesis. <i>European Journal of Cell Biology</i> , 2006, 85, 243-247.	3.6	47
12	Ubiquitin-Mediated Proteasomal Degradation of Rho Proteins by the CNF1 Toxin. <i>Methods in Enzymology</i> , 2006, 406, 447-456.	1.0	41
13	Inhibition of the GTPase Rac1 Mediates the Antimigratory Effects of Metformin in Prostate Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 586-596.	4.1	38
14	Ubiquitylation of active Rac1 by the E3 Ubiquitin-Ligase HACE1. <i>Small GTPases</i> , 2012, 3, 102-106.	1.6	32
15	$\beta$ 1 integrin controls association of Rac with the membrane and triggers quiescence of endothelial cells. <i>Journal of Cell Science</i> , 2010, 123, 2491-2501.	2.0	29
16	Transcriptome dysregulation by anthrax lethal toxin plays a key role in induction of human endothelial cell cytotoxicity. <i>Cellular Microbiology</i> , 2010, 12, 891-905.	2.1	28
17	The role of extracellular matrix in vascular branching morphogenesis. <i>Cell Adhesion and Migration</i> , 2012, 6, 528-534.	2.7	25
18	Identification of cancer-associated missense mutations in <i>hace1</i> that impair cell growth control and Rac1 ubiquitylation. <i>Scientific Reports</i> , 2017, 7, 44779.	3.3	22

#	ARTICLE	IF	CITATIONS
19	Confluence switch signaling regulates ECM composition and plasmin proteolytic cascade in keratinocytes. <i>Journal of Cell Science</i> , 2012, 125, 4241-52.	2.0	21
20	UBTD1 is a mechano-regulator controlling cancer aggressiveness. <i>EMBO Reports</i> , 2019, 20, .	4.5	21
21	Endothelial cell adhesion to soluble vascular endothelial growth factor receptor-1 triggers a cell dynamic and angiogenic phenotype. <i>FASEB Journal</i> , 2014, 28, 692-704.	0.5	15
22	Group-I PAKs-mediated phosphorylation of HACE1 at serine 385 regulates its oligomerization state and Rac1 ubiquitination. <i>Scientific Reports</i> , 2018, 8, 1410.	3.3	15
23	CNF1-like deamidase domains: common Lego bricks among cancer-promoting immunomodulatory bacterial virulence factors. <i>Pathogens and Disease</i> , 2018, 76, .	2.0	15
24	Contractile actin cables induced by <i>Bacillus anthracis</i> lethal toxin depend on the histone acetylation machinery. <i>Cytoskeleton</i> , 2015, 72, 542-556.	2.0	10
25	Assessing Ubiquitylation of Rho GTPases in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2012, 827, 77-86.	0.9	7
26	DHA-containing phospholipids control membrane fusion and transcellular tunnel dynamics. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	4
27	Induction of transient macroapertures in endothelial cells through RhoA inhibition by <i>Staphylococcus aureus</i> factors. <i>Journal of Experimental Medicine</i> , 2006, 203, i17-i17.	8.5	2
28	C910 chemical compound inhibits the trafficking of several bacterial AB toxins with cross-protection against influenza virus. <i>IScience</i> , 2022, 25, 104537.	4.1	0