

Christophe Lamaze

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72 papers	5,873 citations	34 h-index	76 g-index
82 ext. papers	6,783 ext. citations	11.7 avg, IF	5.28 L-index

#	Paper	IF	Citations
72	Cells respond to mechanical stress by rapid disassembly of caveolae. <i>Cell</i> , 2011 , 144, 402-13	56.2	575
71	Shiga toxin induces tubular membrane invaginations for its uptake into cells. <i>Nature</i> , 2007 , 450, 670-5	50.4	443
70	Interleukin 2 receptors and detergent-resistant membrane domains define a clathrin-independent endocytic pathway. <i>Molecular Cell</i> , 2001 , 7, 661-71	17.6	415
69	Regulation of receptor-mediated endocytosis by Rho and Rac. <i>Nature</i> , 1996 , 382, 177-9	50.4	348
68	The actin cytoskeleton is required for receptor-mediated endocytosis in mammalian cells. <i>Journal of Biological Chemistry</i> , 1997 , 272, 20332-5	5.4	315
67	AP-2/Eps15 interaction is required for receptor-mediated endocytosis. <i>Journal of Cell Biology</i> , 1998 , 140, 1055-62	7.3	299
66	Cellular capsules as a tool for multicellular spheroid production and for investigating the mechanics of tumor progression in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 14843-8	11.5	271
65	The emergence of clathrin-independent pinocytic pathways. <i>Current Opinion in Cell Biology</i> , 1995 , 7, 573-80	3.0	252
64	Endophilin-A2 functions in membrane scission in clathrin-independent endocytosis. <i>Nature</i> , 2015 , 517, 493-6	50.4	213
63	Actin dynamics drive membrane reorganization and scission in clathrin-independent endocytosis. <i>Cell</i> , 2010 , 140, 540-53	56.2	193
62	Clathrin-dependent or not: is it still the question?. <i>Traffic</i> , 2002 , 3, 443-51	5.7	191
61	Clathrin adaptor epsinR is required for retrograde sorting on early endosomal membranes. <i>Developmental Cell</i> , 2004 , 6, 525-38	10.2	191
60	Galectin-3 drives glycosphingolipid-dependent biogenesis of clathrin-independent carriers. <i>Nature Cell Biology</i> , 2014 , 16, 595-606	23.4	177
59	The retromer complex and clathrin define an early endosomal retrograde exit site. <i>Journal of Cell Science</i> , 2007 , 120, 2022-31	5.3	137
58	Extracellular ATP acts on P2Y2 purinergic receptors to facilitate HIV-1 infection. <i>Journal of Experimental Medicine</i> , 2011 , 208, 1823-34	16.6	123
57	Involvement of the ubiquitin/proteasome system in sorting of the interleukin 2 receptor beta chain to late endocytic compartments. <i>Molecular Biology of the Cell</i> , 2001 , 12, 1293-301	3.5	102
56	Clathrin-coated pits: vive la difference?. <i>Traffic</i> , 2007 , 8, 970-82	5.7	101

55	Stressing caveolae new role in cell mechanics. <i>Trends in Cell Biology</i> , 2012 , 22, 381-9	18.3	95
54	Syntaxin 16 and syntaxin 5 are required for efficient retrograde transport of several exogenous and endogenous cargo proteins. <i>Journal of Cell Science</i> , 2007 , 120, 1457-68	5.3	92
53	Analysis of articulation between clathrin and retromer in retrograde sorting on early endosomes. <i>Traffic</i> , 2009 , 10, 1868-80	5.7	89
52	The caveolae dress code: structure and signaling. <i>Current Opinion in Cell Biology</i> , 2017 , 47, 117-125	9	88
51	Stat-mediated signaling induced by type I and type II interferons (IFNs) is differentially controlled through lipid microdomain association and clathrin-dependent endocytosis of IFN receptors. <i>Molecular Biology of the Cell</i> , 2006 , 17, 2896-909	3.5	83
50	Glycosylation-Dependent IFN- β Partitioning in Lipid and Actin Nanodomains Is Critical for JAK Activation. <i>Cell</i> , 2016 , 166, 920-934	56.2	73
49	Persistent cell migration and adhesion rely on retrograde transport of $\alpha 1$ integrin. <i>Nature Cell Biology</i> , 2016 , 18, 54-64	23.4	63
48	Membrane trafficking and signaling: two sides of the same coin. <i>Seminars in Cell and Developmental Biology</i> , 2012 , 23, 154-64	7.5	57
47	Complementation of a pathogenic IFNGR2 misfolding mutation with modifiers of N-glycosylation. <i>Journal of Experimental Medicine</i> , 2008 , 205, 1729-37	16.6	52
46	Membrane Tension Orchestrates Rear Retraction in Matrix-Directed Cell Migration. <i>Developmental Cell</i> , 2019 , 51, 460-475.e10	10.2	50
45	Rab7 is functionally required for selective cargo sorting at the early endosome. <i>Traffic</i> , 2014 , 15, 309-26	5.7	45
44	Differential requirement for the translocation of clostridial binary toxins: iota toxin requires a membrane potential gradient. <i>FEBS Letters</i> , 2007 , 581, 1287-96	3.8	45
43	Interferon gamma receptor: the beginning of the journey. <i>Frontiers in Immunology</i> , 2013 , 4, 267	8.4	43
42	Functionally different pools of Shiga toxin receptor, globotriaosyl ceramide, in HeLa cells. <i>FEBS Journal</i> , 2006 , 273, 5205-18	5.7	38
41	Endocytosis and toxicity of clostridial binary toxins depend on a clathrin-independent pathway regulated by Rho-GDI. <i>Cellular Microbiology</i> , 2011 , 13, 154-70	3.9	36
40	EHD2 is a mechanotransducer connecting caveolae dynamics with gene transcription. <i>Journal of Cell Biology</i> , 2018 , 217, 4092-4105	7.3	36
39	A novel form of cell type-specific partial IFN-gammaR1 deficiency caused by a germ line mutation of the IFNGR1 initiation codon. <i>Human Molecular Genetics</i> , 2010 , 19, 434-44	5.6	34
38	Caveolae: The FAQs. <i>Traffic</i> , 2020 , 21, 181-185	5.7	34

37	Dystrophy-associated caveolin-3 mutations reveal that caveolae couple IL6/STAT3 signaling with mechanosensing in human muscle cells. <i>Nature Communications</i> , 2019 , 10, 1974	17.4	31
36	Spatiotemporal control of interferon-induced JAK/STAT signalling and gene transcription by the retromer complex. <i>Nature Communications</i> , 2016 , 7, 13476	17.4	30
35	Oxidative stress induces caveolin 1 degradation and impairs caveolae functions in skeletal muscle cells. <i>PLoS ONE</i> , 2015 , 10, e0122654	3.7	29
34	The dynamin chemical inhibitor dynasore impairs cholesterol trafficking and sterol-sensitive genes transcription in human HeLa cells and macrophages. <i>PLoS ONE</i> , 2011 , 6, e29042	3.7	28
33	ALG-2 interacting protein-X (Alix) is essential for clathrin-independent endocytosis and signaling. <i>Scientific Reports</i> , 2016 , 6, 26986	4.9	27
32	Interfering with interferon receptor sorting and trafficking: impact on signaling. <i>Biochimie</i> , 2007 , 89, 735-43	4.6	27
31	Dynamin is involved in endolysosomal cholesterol delivery to the endoplasmic reticulum: role in cholesterol homeostasis. <i>Traffic</i> , 2006 , 7, 811-23	5.7	27
30	An Abl-FBP17 mechanosensing system couples local plasma membrane curvature and stress fiber remodeling during mechanoadaptation. <i>Nature Communications</i> , 2019 , 10, 5828	17.4	27
29	Caveolae and cancer: A new mechanical perspective. <i>Biomedical Journal</i> , 2015 , 38, 367-79	7.1	26
28	Palmitoylation of interferon-alpha (IFN-alpha) receptor subunit IFNAR1 is required for the activation of Stat1 and Stat2 by IFN-alpha. <i>Journal of Biological Chemistry</i> , 2009 , 284, 24328-40	5.4	24
27	Exon 32 Skipping of Dysferlin Rescues Membrane Repair in PatientsRCells. <i>Journal of Neuromuscular Diseases</i> , 2015 , 2, 281-290	5	22
26	AGAP2 regulates retrograde transport between early endosomes and the TGN. <i>Journal of Cell Science</i> , 2010 , 123, 2381-90	5.3	22
25	Functional dissection of the retrograde Shiga toxin trafficking inhibitor Retro-2. <i>Nature Chemical Biology</i> , 2020 , 16, 327-336	11.7	18
24	Mechanism of HCVB resistance to IFN- β in cell culture involves expression of functional IFN- β receptor 1. <i>Virology Journal</i> , 2011 , 8, 351	6.1	13
23	Retrograde transport is not required for cytosolic translocation of the B-subunit of Shiga toxin. <i>Journal of Cell Science</i> , 2015 , 128, 2373-87	5.3	12
22	UBTD1 is a mechano-regulator controlling cancer aggressiveness. <i>EMBO Reports</i> , 2019 , 20,	6.5	11
21	Shiga toxin stimulates clathrin-independent endocytosis of the VAMP2, VAMP3 and VAMP8 SNARE proteins. <i>Journal of Cell Science</i> , 2015 , 128, 2891-902	5.3	11
20	Rab12 localizes to Shiga toxin-induced plasma membrane invaginations and controls toxin transport. <i>Traffic</i> , 2014 , 15, 772-87	5.7	11

19	SNAP-tag based proteomics approach for the study of the retrograde route. <i>Traffic</i> , 2012 , 13, 914-25	5.7	11
18	Membrane tension buffering by caveolae: a role in cancer?. <i>Cancer and Metastasis Reviews</i> , 2020 , 39, 505-517	9.6	9
17	Coupling of melanocyte signaling and mechanics by caveolae is required for human skin pigmentation. <i>Nature Communications</i> , 2020 , 11, 2988	17.4	8
16	Caveolae contribute to the apoptosis resistance induced by the alpha(1A)-adrenoceptor in androgen-independent prostate cancer cells. <i>PLoS ONE</i> , 2009 , 4, e7068	3.7	8
15	Intracellular trafficking of bacterial and plant protein toxins 2006 , 135-153		8
14	A promotive effect for halofuginone on membrane repair and synaptotagmin-7 levels in muscle cells of dysferlin-null mice. <i>Human Molecular Genetics</i> , 2018 , 27, 2817-2829	5.6	7
13	Interferon Receptor Trafficking and Signaling: Journey to the Cross Roads. <i>Frontiers in Immunology</i> , 2020 , 11, 615603	8.4	6
12	Glycolipid-dependent and lectin-driven transcytosis in mouse enterocytes. <i>Communications Biology</i> , 2021 , 4, 173	6.7	3
11	Caveolae promote successful abscission by controlling intercellular bridge tension during cytokinesis.. <i>Science Advances</i> , 2022 , 8, eabm5095	14.3	3
10	EHD2 is a Predictive Biomarker of Chemotherapy Efficacy in Triple Negative Breast Carcinoma. <i>Scientific Reports</i> , 2020 , 10, 7998	4.9	2
9	Effects of vasopressin on receptor-mediated endocytosis of asialoglycoprotein by hepatocytes from normal and diabetic rats. <i>Experimental Cell Research</i> , 1992 , 199, 223-8	4.2	2
8	Vasopressin-induced changes in receptor-mediated endocytosis of asialoglycoprotein in rat hepatocytes. <i>Biology of the Cell</i> , 1991 , 73, 43-7	3.5	2
7	STAM Interaction with Hrs Controls JAK/STAT Activation by Interferon- α at the Early Endosome		2
6	Endocytose : chaque voie compte!. <i>Medecine/Sciences</i> , 2002 , 18, 1126-1136		1
5	Membrane Tension Orchestrates Rear Retraction in Matrix Directed Cell Migration. <i>SSRN Electronic Journal</i> ,	1	1
4	Caveolae coupling of melanocytes signaling and mechanics is required for human skin pigmentation		1
3	Identification of a New Cholesterol-Binding Site within the IFN- α Receptor that is Required for Signal Transduction.. <i>Advanced Science</i> , 2022 , e2105170	13.6	1
2	Complementation of a pathogenicIFN γ R2misfolding mutation with modifiers of N-glycosylation. <i>Journal of Cell Biology</i> , 2008 , 182, i6-i6	7.3	

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16.4