

# Christophe Lamaze

## List of Publications by Year in descending order

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74  
papers

7,337  
citations

94269

37  
h-index

91712

69  
g-index

82  
all docs

82  
docs citations

82  
times ranked

8727  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a New Cholesterol-Binding Site within the IFN- $\lambda$ 3 Receptor that is Required for Signal Transduction. <i>Advanced Science</i> , 2022, 9, e2105170.	5.6	9
2	Caveolae promote successful abscission by controlling intercellular bridge tension during cytokinesis. <i>Science Advances</i> , 2022, 8, eabm5095.	4.7	24
3	Inside Back Cover: Small Molecule Inhibitors of Interferon-Induced JAK-STAT Signalling ( <i>Angew. Chem.</i> ) Tj ETQq1,1 0.784314 rgBT	7.2	0
4	Innenr-cktitelbild: Small Molecule Inhibitors of Interferon-Induced JAK-STAT Signalling ( <i>Angew. Chem.</i> ) Tj ETQq0 0 0 rgBT /Overloc	1.6	0
5	Glycolipid-dependent and lectin-driven transcytosis in mouse enterocytes. <i>Communications Biology</i> , 2021, 4, 173.	2.0	12
6	Caveolae: The FAQs. <i>Traffic</i> , 2020, 21, 181-185.	1.3	65
7	EHD2 is a Predictive Biomarker of Chemotherapy Efficacy in Triple Negative Breast Carcinoma. <i>Scientific Reports</i> , 2020, 10, 7998.	1.6	5
8	Membrane tension buffering by caveolae: a role in cancer?. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 505-517.	2.7	18
9	Coupling of melanocyte signaling and mechanics by caveolae is required for human skin pigmentation. <i>Nature Communications</i> , 2020, 11, 2988.	5.8	27
10	Functional dissection of the retrograde Shiga toxin trafficking inhibitor Retro-2. <i>Nature Chemical Biology</i> , 2020, 16, 327-336.	3.9	36
11	Interferon Receptor Trafficking and Signaling: Journey to the Cross Roads. <i>Frontiers in Immunology</i> , 2020, 11, 615603.	2.2	45
12	Membrane Tension Orchestrates Rear Retraction in Matrix-Directed Cell Migration. <i>Developmental Cell</i> , 2019, 51, 460-475.e10.	3.1	112
13	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.	5.8	55
14	UBTD1 is a mechano-regulator controlling cancer aggressiveness. <i>EMBO Reports</i> , 2019, 20, .	2.0	21
15	An Abl-FBP17 mechanosensing system couples local plasma membrane curvature and stress fiber remodeling during mechanoadaptation. <i>Nature Communications</i> , 2019, 10, 5828.	5.8	50
16	EHD2 is a mechanotransducer connecting caveolae dynamics with gene transcription. <i>Journal of Cell Biology</i> , 2018, 217, 4092-4105.	2.3	63
17	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.	1.4	15
18	The caveolae dress code: structure and signaling. <i>Current Opinion in Cell Biology</i> , 2017, 47, 117-125.	2.6	119

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19	Receptor lipid nanodomain partitioning and signaling. <i>Cell Cycle</i> , 2017, 16, 237-238.	1.3	3
20	Spatiotemporal control of interferon-induced JAK/STAT signalling and gene transcription by the retromer complex. <i>Nature Communications</i> , 2016, 7, 13476.	5.8	50
21	Glycosylation-Dependent IFN- $\beta$ 3R Partitioning in Lipid and Actin Nanodomains Is Critical for JAK Activation. <i>Cell</i> , 2016, 166, 920-934.	13.5	110
22	ALG-2 interacting protein-X (Alix) is essential for clathrin-independent endocytosis and signaling. <i>Scientific Reports</i> , 2016, 6, 26986.	1.6	33
23	Persistent cell migration and adhesion rely on retrograde transport of $\beta$ 1-integrin. <i>Nature Cell Biology</i> , 2016, 18, 54-64.	4.6	93
24	Exon 32 Skipping of Dysferlin Rescues Membrane Repair in Patients' Cells. <i>Journal of Neuromuscular Diseases</i> , 2015, 2, 281-290.	1.1	29
25	Oxidative Stress Induces Caveolin 1 Degradation and Impairs Caveolae Functions in Skeletal Muscle Cells. <i>PLoS ONE</i> , 2015, 10, e0122654.	1.1	35
26	Retrograde transport is not required for cytosolic translocation of the B-subunit of Shiga toxin. <i>Journal of Cell Science</i> , 2015, 128, 2373-2387.	1.2	15
27	Shiga toxin stimulates clathrin-independent endocytosis of VAMP2/3/8 SNARE proteins. <i>Journal of Cell Science</i> , 2015, 128, 2891-902.	1.2	16
28	Endophilin-A2 functions in membrane scission in clathrin-independent endocytosis. <i>Nature</i> , 2015, 517, 493-496.	13.7	276
29	Caveolae and cancer: A new mechanical perspective. <i>Biomedical Journal</i> , 2015, 38, 367.	1.4	36
30	Rab7 Is Functionally Required for Selective Cargo Sorting at the Early Endosome. <i>Traffic</i> , 2014, 15, 309-326.	1.3	62
31	Galectin-3 drives glycosphingolipid-dependent biogenesis of clathrin-independent carriers. <i>Nature Cell Biology</i> , 2014, 16, 592-603.	4.6	248
32	Rab12 Localizes to Shiga Toxin-Induced Plasma Membrane Invaginations and Controls Toxin Transport. <i>Traffic</i> , 2014, 15, 772-787.	1.3	15
33	Interferon Gamma Receptor: The Beginning of the Journey. <i>Frontiers in Immunology</i> , 2013, 4, 267.	2.2	58
34	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, 14843-14848.	3.3	367
35	Membrane trafficking and signaling: Two sides of the same coin. <i>Seminars in Cell and Developmental Biology</i> , 2012, 23, 154-164.	2.3	69
36	<sc>SNAP</sc>-tag Based Proteomics Approach for the Study of the Retrograde Route. <i>Traffic</i> , 2012, 13, 914-925.	1.3	15

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37	Stressing caveolae new role in cell mechanics. Trends in Cell Biology, 2012, 22, 381-389.	3.6	116
38	Cells Respond to Mechanical Stress by Rapid Disassembly of Caveolae. Cell, 2011, 144, 402-413.	13.5	791
39	Endocytosis and toxicity of clostridial binary toxins depend on a clathrin-independent pathway regulated by Rho-GDI. Cellular Microbiology, 2011, 13, 154-170.	1.1	40
40	Mechanism of HCV's resistance to IFN- $\lambda$ in cell culture involves expression of functional IFN- $\lambda$ receptor 1. Virology Journal, 2011, 8, 351.	1.4	15
41	Extracellular ATP acts on P2Y2 purinergic receptors to facilitate HIV-1 infection. Journal of Experimental Medicine, 2011, 208, 1823-1834.	4.2	156
42	The Dynamin Chemical Inhibitor Dynasore Impairs Cholesterol Trafficking and Sterol-Sensitive Genes Transcription in Human HeLa Cells and Macrophages. PLoS ONE, 2011, 6, e29042.	1.1	35
43	A novel form of cell type-specific partial IFN- $\lambda$ R1 deficiency caused by a germ line mutation of the IFNGR1 initiation codon. Human Molecular Genetics, 2010, 19, 434-444.	1.4	36
44	AGAP2 regulates retrograde transport between early endosomes and the TGN. Journal of Cell Science, 2010, 123, 2381-2390.	1.2	27
45	Actin Dynamics Drive Membrane Reorganization and Scission in Clathrin-Independent Endocytosis. Cell, 2010, 140, 540-553.	13.5	226
46	Caveolae Contribute to the Apoptosis Resistance Induced by the $\lambda$ 1A-Adrenoceptor in Androgen-Independent Prostate Cancer Cells. PLoS ONE, 2009, 4, e7068.	1.1	12
47	Palmitoylation of Interferon- $\lambda$ (IFN- $\lambda$ ) Receptor Subunit IFNAR1 Is Required for the Activation of Stat1 and Stat2 by IFN- $\lambda$ . Journal of Biological Chemistry, 2009, 284, 24328-24340.	1.6	32
48	Analysis of Articulation Between Clathrin and Retromer in Retrograde Sorting on Early Endosomes. Traffic, 2009, 10, 1868-1880.	1.3	106
49	Complementation of a pathogenic <i>IFNGR2</i> misfolding mutation with modifiers of N-glycosylation. Journal of Experimental Medicine, 2008, 205, 1729-1737.	4.2	59
50	Complementation of a pathogenic <i>IFNGR2</i> misfolding mutation with modifiers of N-glycosylation. Journal of Cell Biology, 2008, 182, i6-i6.	2.3	0
51	The retromer complex and clathrin define an early endosomal retrograde exit site. Journal of Cell Science, 2007, 120, 2022-2031.	1.2	152
52	Syntaxin 16 and syntaxin 5 are required for efficient retrograde transport of several exogenous and endogenous cargo proteins. Journal of Cell Science, 2007, 120, 1457-1468.	1.2	99
53	Interfering with interferon receptor sorting and trafficking: Impact on signaling. Biochimie, 2007, 89, 735-743.	1.3	30
54	Differential requirement for the translocation of clostridial binary toxins: Iota toxin requires a membrane potential gradient. FEBS Letters, 2007, 581, 1287-1296.	1.3	49

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55	Shiga toxin induces tubular membrane invaginations for its uptake into cells. <i>Nature</i> , 2007, 450, 670-675.	13.7	538
56	Clathrin-Coated Pits: Vive La Différence?. <i>Traffic</i> , 2007, 8, 970-982.	1.3	113
57	Functionally different pools of Shiga toxin receptor, globotriaosyl ceramide, in HeLa cells. <i>FEBS Journal</i> , 2006, 273, 5205-5218.	2.2	43
58	Dynamin is Involved in Endolysosomal Cholesterol Delivery to the Endoplasmic Reticulum: Role in Cholesterol Homeostasis. <i>Traffic</i> , 2006, 7, 811-823.	1.3	31
59	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, 2896-2909.	0.9	107
60	Intracellular trafficking of bacterial and plant protein toxins. , 2006, , 135-153.		9
61	Clathrin Adaptor epsinR Is Required for Retrograde Sorting on Early Endosomal Membranes. <i>Developmental Cell</i> , 2004, 6, 525-538.	3.1	213
62	Endocytose : chaque voie compte!. <i>Medecine/Sciences</i> , 2002, 18, 1126-1136.	0.0	3
63	Clathrin-Dependent or Not: Is It Still the Question?. <i>Traffic</i> , 2002, 3, 443-451.	1.3	208
64	Interleukin 2 Receptors and Detergent-Resistant Membrane Domains Define a Clathrin-Independent Endocytic Pathway. <i>Molecular Cell</i> , 2001, 7, 661-671.	4.5	456
65	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, 1293-1301.	0.9	110
66	AP-2/Eps15 Interaction Is Required for Receptor-mediated Endocytosis. <i>Journal of Cell Biology</i> , 1998, 140, 1055-1062.	2.3	318
67	The Actin Cytoskeleton Is Required for Receptor-mediated Endocytosis in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 20332-20335.	1.6	351
68	Regulation of receptor-mediated endocytosis by Rho and Rac. <i>Nature</i> , 1996, 382, 177-179.	13.7	361
69	The emergence of clathrin-independent pinocytic pathways. <i>Current Opinion in Cell Biology</i> , 1995, 7, 573-580.	2.6	271
70	Effects of vasopressin on receptor-mediated endocytosis of asialoglycoprotein by hepatocytes from normal and diabetic rats. <i>Experimental Cell Research</i> , 1992, 199, 223-228.	1.2	2
71	Vasopressin-induced changes in receptor-mediated endocytosis of asialoglycoprotein in rat hepatocytes. <i>Biology of the Cell</i> , 1991, 73, 43-47.	0.7	2
72	Membrane Tension Orchestrates Rear Retraction in Matrix Directed Cell Migration. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1

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73	Small Molecule Inhibitors of Interferon-Induced JAK-STAT Signalling. <i>Angewandte Chemie</i> , , .	1.6	0
74	Small Molecule Inhibitors of Interferon-Induced JAK-STAT Signalling. <i>Angewandte Chemie - International Edition</i> , , .	7.2	5