Etienne L Morel

List of Publications by Year
in descending order

54 papers	7,947 citations	186265 28 h-index	149698 56 g-index
59 all docs	59 docs citations	59 times ranked	18489 citing authors

#	Article	IF	Citations
1	Membrane protective role of autophagic machinery during infection of epithelial cells by Candida albicans. Gut Microbes, 2022, 14, 2004798.	9.8	6
2	You shall not pass! Protective role of autophagic machinery in response to plasma membrane damage triggered by Candida albicans invasion. Autophagy, 2022, 18, 2761-2762.	9.1	4
3	Monitoring lipophagy in kidney epithelial cells in response to shear stress. Methods in Cell Biology, 2021, 164, 11-25.	1.1	6
4	Mitochondrial morphodynamics alteration induced by influenza virus infection as a new antiviral strategy. PLoS Pathogens, 2021, 17, e1009340.	4.7	19
5	ATG4D is the main ATG8 delipidating enzyme in mammalian cells and protects against cerebellar neurodegeneration. Cell Death and Differentiation, 2021, 28, 2651-2672.	11.2	9
6	The autophagy protein ATG16L1 cooperates with IFT20 and INPP5E to regulate the turnover of phosphoinositides at the primary cilium. Cell Reports, 2021, 35, 109045.	6.4	16
7	When the autophagy protein ATG16L1 met the ciliary protein IFT20. Autophagy, 2021, 17, 1791-1793.	9.1	6
8	Phosphoinositides: Functions in autophagy-related stress responses. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158903.	2.4	3
9	Primary cilium-dependent autophagy in the response to shear stress. Biochemical Society Transactions, 2021, 49, 2831-2839.	3.4	2
10	Ultrastructural and dynamic studies of the endosomal compartment in Down syndrome. Acta Neuropathologica Communications, 2020, 8, 89.	5.2	27
11	Fluid flow-induced shear stress controls the metabolism of proximal tubule kidney epithelial cells through primary cilium-dependent lipophagy and mitochondria biogenesis.. Autophagy, 2020, 16, 2287-2288.	9.1	6
12	The primary cilium and lipophagy translate mechanical forces to direct metabolic adaptation of kidney epithelial cells. Nature Cell Biology, 2020, 22, 1091-1102.	10.3	45
13	Endoplasmic Reticulum Membrane and Contact Site Dynamics in Autophagy Regulation and Stress Response. Frontiers in Cell and Developmental Biology, 2020, 8, 343.	3.7	24
14	Primary cilium-dependent autophagy drafts PIK3C2A to generate PtdIns3P in response to shear stress. Autophagy, 2020, 16, 1143-1144.	9.1	7
15	PI3KC2Î±-dependent and VPS34-independent generation of PI3P controls primary cilium-mediated autophagy in response to shear stress. Nature Communications, 2020, 11, 294.	12.8	56
16	Chemical targeting of NEET proteins reveals their function in mitochondrial morphodynamics. EMBO Reports, 2020, 21, e49019.	4.5	15
17	Interplay between primary cilia, ubiquitin-proteasome system and autophagy. Biochimie, 2019, 166, 286-292.	2.6	26
18	Autophagy Is Required for Memory Formation and Reverses Age-Related Memory Decline. Current Biology, 2019, 29, 435-448.e8.	3.9	150

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19	The primary cilium protein folliculin is part of the autophagy signaling pathway to regulate epithelial cell size in response to fluid flow. Cell Stress, 2019, 3, 100-109.	3.2	18
20	FOXO3a Provides a Quickstep from Autophagy Inhibition to Apoptosis in Cancer Therapy. Developmental Cell, 2018, 44, 537-539.	7.0	12
21	Cholesterol trafficking and raft-like membrane domain composition mediate scavenger receptor class B type 1-dependent lipid sensing in intestinal epithelial cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 199-211.	2.4	15
22	Mitochondrial Dynamics in Basal and Stressful Conditions. International Journal of Molecular Sciences, 2018, 19, 564.	4.1	113
23	A novel regulator of autophagosome biogenesis and lipid droplet dynamics. EMBO Reports, 2018, 19, .	4.5	5
24	Autophagy: A Druggable Process. Annual Review of Pharmacology and Toxicology, 2017, 57, 375-398.	9.4	134
25	Molecular Mechanisms of Noncanonical Autophagy. International Review of Cell and Molecular Biology, 2017, 328, 1-23.	3.2	32
26	<scp>ER</scp> â€“plasma membrane contact sites contribute to autophagosome biogenesis by regulation of local <scp>PI</scp> 3P synthesis. EMBO Journal, 2017, 36, 2018-2033.	7.8	159
27	Phosphatidylinositolâ€3â€phosphate in the regulation of autophagy membrane dynamics. FEBS Journal, 2017, 284, 1267-1278.	4.7	150
28	The Journey of the Autophagosome through Mammalian Cell Organelles and Membranes. Journal of Molecular Biology, 2017, 429, 497-514.	4.2	46
29	Local detection of PtdIns3P at autophagosome biogenesis membrane platforms. Autophagy, 2017, 13, 1602-1612.	9.1	28
30	Autophagosomal membranes assemble at ER-plasma membrane contact sites. Molecular and Cellular Oncology, 2017, 4, e1356431.	0.7	4
31	ER-driven membrane contact sites: Evolutionary conserved machineries for stress response and autophagy regulation?. Communicative and Integrative Biology, 2017, 10, e1401699.	1.4	27
32	To be or not to be cell autonomous? Autophagy says both. Essays in Biochemistry, 2017, 61, 649-661.	4.7	10
33	Fine-tuning autophagy: from transcriptional to posttranslational regulation. American Journal of Physiology - Cell Physiology, 2016, 311, C351-C362.	4.6	33
34	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
35	BLOC-1 Brings Together the Actin and Microtubule Cytoskeletons to Generate Recycling Endosomes. Current Biology, 2016, 26, 1-13.	3.9	490
36	Autophagosomes contribute to intracellular lipid distribution in enterocytes. Molecular Biology of the Cell, 2014, 25, 118-132.	2.1	80

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37	Triglyceride-rich lipoproteins and cytosolic lipid droplets in enterocytes: Key players in intestinal physiology and metabolic disorders. Biochimie, 2014, 96, 48-55.	2.6	89
38	Autophagy regulation: RNF2 targets AMBRA1. Cell Research, 2014, 24, 1029-1030.	12.0	3
39	Phosphatidylinositol-3-phosphate regulates sorting and processing of amyloid precursor protein through the endosomal system. Nature Communications, 2013, 4, 2250.	12.8	184
40	Scavenger Receptor Class B Type I Is a Plasma Membrane Cholesterol Sensor. Circulation Research, 2013, 112, 140-151.	4.5	72
41	Roles of the cellular prion protein in the regulation of cell-cell junctions and barrier function. Tissue Barriers, 2013, 1, e24377.	3.2	22
42	The location and trafficking routes of the neuronal retromer and its role in amyloid precursor protein transport. Neurobiology of Disease, 2012, 47, 126-134.	4.4	102
43	The proteome of cytosolic lipid droplets isolated from differentiated Caco-2/TC7 enterocytes reveals cell-specific characteristics. Biology of the Cell, 2011, 103, 499-517.	2.0	100
44	The phospholipase D1 pathway modulates macroautophagy. Nature Communications, 2010, 1, 142.	12.8	161
45	Annexin A2 Binding to Endosomes and Functions in Endosomal Transport Are Regulated by Tyrosine 23 Phosphorylation. Journal of Biological Chemistry, 2009, 284, 1604-1611.	3.4	84
46	Annexin A2-Dependent Polymerization of Actin Mediates Endosome Biogenesis. Developmental Cell, 2009, 16, 445-457.	7.0	139
47	Hrs and SNX3 Functions in Sorting and Membrane Invagination within Multivesicular Bodies. PLoS Biology, 2008, 6, e214.	5.6	87
48	The Cellular Prion Protein PrPc Is Involved in the Proliferation of Epithelial Cells and in the Distribution of Junction-Associated Proteins. PLoS ONE, 2008, 3, e3000.	2.5	46
49	The p11/S100A10 Light Chain of Annexin A2 Is Dispensable for Annexin A2 Association to Endosomes and Functions in Endosomal Transport. PLoS ONE, 2007, 2, e1118.	2.5	60
50	The Redox Sensor TXNL1 Plays a Regulatory Role in Fluid Phase Endocytosis. PLoS ONE, 2007, 2, e1144.	2.5	27
51	An Inter-laboratory Study to Evaluate the Effects of Medium Composition on the Differentiation and Barrier Function of Caco-2 Cell Lines. ATLA Alternatives To Laboratory Animals, 2005, 33, 603-618.	1.0	101
52	Bovine Prion Is Endocytosed by Human Enterocytes via the 37 kDa/67 kDa Laminin Receptor. American Journal of Pathology, 2005, 167, 1033-1042.	3.8	91
53	Lipid-dependent Bidirectional Traffic of Apolipoprotein B in Polarized Enterocytes. Molecular Biology of the Cell, 2004, 15, 132-141.	2.1	34
54	The Cellular Prion Protein PrPc Is Expressed in Human Enterocytes in Cell-Cell Junctional Domains. Journal of Biological Chemistry, 2004, 279, 1499-1505.	3.4	53