

Otilia V Vieira

List of Publications by Year in Descending Order

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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.

44
papers

4,064
citations

27
h-index

47
g-index

47
ext. papers

4,938
ext. citations

5.9
avg, IF

4.88
L-index

#	Paper	IF	Citations
44	Current methods to analyse lysosome morphology, positioning, motility and function.. <i>Traffic</i> , 2022	5.7	3
43	Lysosome (Dys)function in Atherosclerosis-A Big Weight on the Shoulders of a Small Organelle. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 658995	5.7	3
42	A Dietary Cholesterol-Based Intestinal Inflammation Assay for Improving Drug-Discovery on Inflammatory Bowel Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 674749	5.7	2
41	Shotgun mass spectrometry-based lipid profiling identifies and distinguishes between chronic inflammatory diseases. <i>EBioMedicine</i> , 2021 , 70, 103504	8.8	2
40	Homogentisic acid induces cytoskeleton and extracellular matrix alteration in alkaptonuric cartilage. <i>Journal of Cellular Physiology</i> , 2021 , 236, 6011-6024	7	0
39	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2021 , 17, 1-382	10.2	440
38	Cell Senescence, Multiple Organelle Dysfunction and Atherosclerosis. <i>Cells</i> , 2020 , 9,	7.9	16
37	Rab3a and Rab10 are regulators of lysosome exocytosis and plasma membrane repair. <i>Small GTPases</i> , 2018 , 9, 349-351	2.7	16
36	Lipid and Non-lipid Factors Affecting Macrophage Dysfunction and Inflammation in Atherosclerosis. <i>Frontiers in Physiology</i> , 2018 , 9, 654	4.6	41
35	Cholesterol is Inefficiently Converted to Cholesteryl Esters in the Blood of Cardiovascular Disease Patients. <i>Scientific Reports</i> , 2018 , 8, 14764	4.9	28
34	Involvement of the p62/NRF2 signal transduction pathway on erythrophagocytosis. <i>Scientific Reports</i> , 2017 , 7, 5812	4.9	12
33	Maturation of phagosomes containing different erythrophagocytic particles in primary macrophages. <i>FEBS Open Bio</i> , 2017 , 7, 1281-1290	2.7	2
32	Cholesteryl hemiesters alter lysosome structure and function and induce proinflammatory cytokine production in macrophages. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017 , 1862, 210-220	5	5
31	A Rab3a-dependent complex essential for lysosome positioning and plasma membrane repair. <i>Journal of Cell Biology</i> , 2016 , 213, 631-40	7.3	57
30	Quaternary ammonium surfactant structure determines selective toxicity towards bacteria: mechanisms of action and clinical implications in antibacterial prophylaxis. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 641-54	5.1	47
29	In Vitro Activity of Quaternary Ammonium Surfactants against Streptococcal, Chlamydial, and Gonococcal Infective Agents. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 3323-32	5.9	6
28	Overexpression of BDNF and Full-Length TrkB Receptor Ameliorate Striatal Neural Survival in Huntington's Disease. <i>Neurodegenerative Diseases</i> , 2015 , 15, 207-18	2.3	14

27	LAMP2 as a marker of EBV-mediated B lymphocyte transformation in the study of lysosomal storage diseases. <i>Molecular and Cellular Biochemistry</i> , 2014 , 385, 1-6	4.2	3
26	Mitochondrial dysfunction is the focus of quaternary ammonium surfactant toxicity to mammalian epithelial cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 2631-9	5.9	54
25	Comparison of the kinetics of maturation of phagosomes containing apoptotic cells and IgG-opsonized particles. <i>PLoS ONE</i> , 2012 , 7, e48391	3.7	12
24	Molecular etiology of atherogenesis--in vitro induction of lipidosis in macrophages with a new LDL model. <i>PLoS ONE</i> , 2012 , 7, e34822	3.7	11
23	In vitro surfactant structure-toxicity relationships: implications for surfactant use in sexually transmitted infection prophylaxis and contraception. <i>PLoS ONE</i> , 2011 , 6, e19850	3.7	87
22	Neuropeptide Y inhibits interleukin-1 β -induced phagocytosis by microglial cells. <i>Journal of Neuroinflammation</i> , 2011 , 8, 169	10.1	58
21	Tuberculosis: new aspects of an old disease. <i>International Journal of Cell Biology</i> , 2011 , 2011, 403623	2.6	33
20	Rab10 regulates phagosome maturation and its overexpression rescues Mycobacterium-containing phagosomes maturation. <i>Traffic</i> , 2010 , 11, 221-35	5.7	54
19	Surfactants as microbicides and contraceptive agents: a systematic in vitro study. <i>PLoS ONE</i> , 2008 , 3, e2913	3.7	46
18	Pre- and post-Golgi translocation of glucosylceramide in glycosphingolipid synthesis. <i>Journal of Cell Biology</i> , 2007 , 179, 101-15	7.3	231
17	FAPP2, cilium formation, and compartmentalization of the apical membrane in polarized Madin-Darby canine kidney (MDCK) cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 18556-61	11.5	174
16	FAPP2 is involved in the transport of apical cargo in polarized MDCK cells. <i>Journal of Cell Biology</i> , 2005 , 170, 521-6	7.3	91
15	Acquisition of Hrs, an essential component of phagosomal maturation, is impaired by mycobacteria. <i>Molecular and Cellular Biology</i> , 2004 , 24, 4593-604	4.8	81
14	HDL counterbalance the proinflammatory effect of oxidized LDL by inhibiting intracellular reactive oxygen species rise, proteasome activation, and subsequent NF-kappaB activation in smooth muscle cells. <i>FASEB Journal</i> , 2003 , 17, 743-5	0.9	85
13	Oxidized LDL and 4-hydroxynonenal modulate tyrosine kinase receptor activity. <i>Molecular Aspects of Medicine</i> , 2003 , 24, 251-61	16.7	61
12	Phagosomes fuse with late endosomes and/or lysosomes by extension of membrane protrusions along microtubules: role of Rab7 and RILP. <i>Molecular and Cellular Biology</i> , 2003 , 23, 6494-506	4.8	323
11	Modulation of Rab5 and Rab7 recruitment to phagosomes by phosphatidylinositol 3-kinase. <i>Molecular and Cellular Biology</i> , 2003 , 23, 2501-14	4.8	254
10	Elimination of host cell PtdIns(4,5)P(2) by bacterial SigD promotes membrane fission during invasion by Salmonella. <i>Nature Cell Biology</i> , 2002 , 4, 766-73	23.4	246

9	Phagosome maturation: aging gracefully. <i>Biochemical Journal</i> , 2002 , 366, 689-704	3.8	537
8	Phenolic antioxidants trolox and caffeic acid modulate the oxidized LDL-induced EGF-receptor activation. <i>British Journal of Pharmacology</i> , 2001 , 132, 1777-88	8.6	24
7	Distinct roles of class I and class III phosphatidylinositol 3-kinases in phagosome formation and maturation. <i>Journal of Cell Biology</i> , 2001 , 155, 19-25	7.3	439
6	Oxidized LDLs alter the activity of the ubiquitin-proteasome pathway: potential role in oxidized LDL-induced apoptosis. <i>FASEB Journal</i> , 2000 , 14, 532-42	0.9	112
5	Effect of dietary phenolic compounds on apoptosis of human cultured endothelial cells induced by oxidized LDL. <i>British Journal of Pharmacology</i> , 1998 , 123, 565-73	8.6	55
4	Cholesteryl ester hydroperoxide formation in myoglobin-catalyzed low density lipoprotein oxidation: concerted antioxidant activity of caffeic and p-coumaric acids with ascorbate. <i>Biochemical Pharmacology</i> , 1998 , 55, 333-40	6	45
3	Inhibition of metmyoglobin/H ₂ O ₂ -dependent low density lipoprotein lipid peroxidation by naturally occurring phenolic acids. <i>Biochemical Pharmacology</i> , 1996 , 51, 395-402	6	92
2	Two related phenolic antioxidants with opposite effects on vitamin E content in low density lipoproteins oxidized by ferrylmyoglobin: consumption vs regeneration. <i>Archives of Biochemistry and Biophysics</i> , 1995 , 323, 373-81	4.1	161
1	Cholesteryl Hemiazelate Induces Lysosome Dysfunction and Exocytosis in Macrophages		1