

# Otilia V Vieira

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

5,716  
citations

172457

29  
h-index

233421

45  
g-index

47  
all docs

47  
docs citations

47  
times ranked

7881  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	10
2	Phagosome maturation: aging gracefully. <i>Biochemical Journal</i> , 2002, 366, 689-704.	3.7	610
3	Distinct roles of class I and class III phosphatidylinositol 3-kinases in phagosome formation and maturation. <i>Journal of Cell Biology</i> , 2001, 155, 19-26.	5.2	474
4	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, 6494-6506.	2.3	371
5	Modulation of Rab5 and Rab7 Recruitment to Phagosomes by Phosphatidylinositol 3-Kinase. <i>Molecular and Cellular Biology</i> , 2003, 23, 2501-2514.	2.3	292
6	Elimination of host cell PtdIns(4,5)P2 by bacterial SigD promotes membrane fission during invasion by Salmonella. <i>Nature Cell Biology</i> , 2002, 4, 766-773.	10.3	281
7	Pre- and post-Golgi translocation of glucosylceramide in glycosphingolipid synthesis. <i>Journal of Cell Biology</i> , 2007, 179, 101-115.	5.2	257
8	FAPP2, cilium formation, and compartmentalization of the apical membrane in polarized Madinâ€“Darby canine kidney (MDCK) cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 18556-18561.	7.1	188
9	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, 373-381.	3.0	173
10	Oxidized LDLs alter the activity of the ubiquitinâ€“proteasome pathway: potential role in oxidized LDLâ€“induced apoptosis. <i>FASEB Journal</i> , 2000, 14, 532-542.	0.5	119
11	In Vitro Surfactant Structure-Toxicity Relationships: Implications for Surfactant Use in Sexually Transmitted Infection Prophylaxis and Contraception. <i>PLoS ONE</i> , 2011, 6, e19850.	2.5	109
12	HDL counterbalance the proinflammatory effect of oxidized LDL by inhibiting intracellular reactive oxygen species rise, proteasome activation, and subsequent NFâ€“B activation in smooth muscle cells. <i>FASEB Journal</i> , 2003, 17, 743-745.	0.5	98
13	Inhibition of metmyoglobin/H2o2-dependent low density lipoprotein lipid peroxidation by naturally occurring phenolic acids. <i>Biochemical Pharmacology</i> , 1996, 51, 395-402.	4.4	96
14	FAPP2 is involved in the transport of apical cargo in polarized MDCK cells. <i>Journal of Cell Biology</i> , 2005, 170, 521-526.	5.2	95
15	Acquisition of Hrs, an Essential Component of Phagosomal Maturation, Is Impaired by Mycobacteria. <i>Molecular and Cellular Biology</i> , 2004, 24, 4593-4604.	2.3	90
16	A Rab3a-dependent complex essential for lysosome positioning and plasma membrane repair. <i>Journal of Cell Biology</i> , 2016, 213, 631-640.	5.2	85
17	Neuropeptide Y inhibits interleukin-1Î²-induced phagocytosis by microglial cells. <i>Journal of Neuroinflammation</i> , 2011, 8, 169.	7.2	74
18	Mitochondrial Dysfunction Is the Focus of Quaternary Ammonium Surfactant Toxicity to Mammalian Epithelial Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2631-2639.	3.2	73

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19	Effect of dietary phenolic compounds on apoptosis of human cultured endothelial cells induced by oxidized LDL. <i>British Journal of Pharmacology</i> , 1998, 123, 565-573.	5.4	70
20	Lipid and Non-lipid Factors Affecting Macrophage Dysfunction and Inflammation in Atherosclerosis. <i>Frontiers in Physiology</i> , 2018, 9, 654.	2.8	65
21	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, 641-654.	3.0	64
22	Oxidized LDL and 4-hydroxynonenal modulate tyrosine kinase receptor activity. <i>Molecular Aspects of Medicine</i> , 2003, 24, 251-261.	6.4	62
23	Rab10 Regulates Phagosome Maturation and Its Overexpression Rescues Mycobacterium-Containing Phagosomes Maturation. <i>Traffic</i> , 2010, 11, 221-235.	2.7	60
24	Surfactants as Microbicides and Contraceptive Agents: A Systematic In Vitro Study. <i>PLoS ONE</i> , 2008, 3, e2913.	2.5	52
25	Cholesteryl Ester Hydroperoxide Formation in Myoglobin-Catalyzed Low Density Lipoprotein Oxidation. <i>Biochemical Pharmacology</i> , 1998, 55, 333-340.	4.4	48
26	Tuberculosis: New Aspects of an Old Disease. <i>International Journal of Cell Biology</i> , 2011, 2011, 1-13.	2.5	48
27	Cholesterol is Inefficiently Converted to Cholesteryl Esters in the Blood of Cardiovascular Disease Patients. <i>Scientific Reports</i> , 2018, 8, 14764.	3.3	44
28	Cell Senescence, Multiple Organelle Dysfunction and Atherosclerosis. <i>Cells</i> , 2020, 9, 2146.	4.1	42
29	Current methods to analyze lysosome morphology, positioning, motility and function. <i>Traffic</i> , 2022, 23, 238-269.	2.7	37
30	Rab3a and Rab10 are regulators of lysosome exocytosis and plasma membrane repair. <i>Small GTPases</i> , 2018, 9, 349-351.	1.6	33
31	Phenolic antioxidants trolox and caffeic acid modulate the oxidized LDL-induced EGF-receptor activation. <i>British Journal of Pharmacology</i> , 2001, 132, 1777-1788.	5.4	30
32	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.	3.7	21
33	Overexpression of BDNF and Full-Length TrkB Receptor Ameliorate Striatal Neural Survival in Huntington's Disease. <i>Neurodegenerative Diseases</i> , 2015, 15, 207-218.	1.4	20
34	Molecular Etiology of Atherogenesis – In Vitro Induction of Lipidosis in Macrophages with a New LDL Model. <i>PLoS ONE</i> , 2012, 7, e34822.	2.5	19
35	Involvement of the p62/NRF2 signal transduction pathway on erythrophagocytosis. <i>Scientific Reports</i> , 2017, 7, 5812.	3.3	16
36	Shotgun mass spectrometry-based lipid profiling identifies and distinguishes between chronic inflammatory diseases. <i>EBioMedicine</i> , 2021, 70, 103504.	6.1	16

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37	Comparison of the Kinetics of Maturation of Phagosomes Containing Apoptotic Cells and IgG-Opsonized Particles. PLoS ONE, 2012, 7, e48391.	2.5	15
38	Cholesteryl hemiesters alter lysosome structure and function and induce proinflammatory cytokine production in macrophages. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 210-220.	2.4	11
39	<i>In Vitro</i> Activity of Quaternary Ammonium Surfactants against Streptococcal, Chlamydial, and Gonococcal Infective Agents. Antimicrobial Agents and Chemotherapy, 2016, 60, 3323-3332.	3.2	7
40	A Dietary Cholesterol-Based Intestinal Inflammation Assay for Improving Drug-Discovery on Inflammatory Bowel Diseases. Frontiers in Cell and Developmental Biology, 2021, 9, 674749.	3.7	5
41	Cholesteryl hemiazelate causes lysosome dysfunction impacting vascular smooth muscle cell homeostasis. Journal of Cell Science, 2022, 135, .	2.0	4
42	LAMP2 as a marker of EBV-mediated B lymphocyte transformation in the study of lysosomal storage diseases. Molecular and Cellular Biochemistry, 2014, 385, 1-6.	3.1	3
43	Homogentisic acid induces cytoskeleton and extracellular matrix alteration in alkaptonuric cartilage. Journal of Cellular Physiology, 2021, 236, 6011-6024.	4.1	3
44	Maturation of phagosomes containing different erythrophagocytic particles in primary macrophages. FEBS Open Bio, 2017, 7, 1281-1290.	2.3	2
45	Maturation of phagosomes-containing different particles in murine primary macrophages. Atherosclerosis, 2014, 235, e91.	0.8	1