

Otilia V Vieira

List of Publications by Citations

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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 | Phagosome maturation: aging gracefully. <i>Biochemical Journal</i> , 2002 , 366, 689-704 | 3.8 | 537 |
| 43 | Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2021 , 17, 1-382 | 10.2 | 440 |
| 42 | 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 |
| 41 | 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 |
| 40 | 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 |
| 39 | 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 |
| 38 | Pre- and post-Golgi translocation of glucosylceramide in glycosphingolipid synthesis. <i>Journal of Cell Biology</i> , 2007 , 179, 101-15 | 7.3 | 231 |
| 37 | 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 |
| 36 | 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 |
| 35 | 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 |
| 34 | Inhibition of metmyoglobin/H2O2-dependent low density lipoprotein lipid peroxidation by naturally occurring phenolic acids. <i>Biochemical Pharmacology</i> , 1996 , 51, 395-402 | 6 | 92 |
| 33 | 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 |
| 32 | 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 |
| 31 | 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 |
| 30 | 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 |
| 29 | Oxidized LDL and 4-hydroxynonenal modulate tyrosine kinase receptor activity. <i>Molecular Aspects of Medicine</i> , 2003 , 24, 251-61 | 16.7 | 61 |
| 28 | Neuropeptide Y inhibits interleukin-1 β -induced phagocytosis by microglial cells. <i>Journal of Neuroinflammation</i> , 2011 , 8, 169 | 10.1 | 58 |

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| 27 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | Rab10 regulates phagosome maturation and its overexpression rescues Mycobacterium-containing phagosomes maturation. <i>Traffic</i> , 2010 , 11, 221-35 | 5.7 | 54 |
| 23 | 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 |
| 22 | Surfactants as microbicides and contraceptive agents: a systematic in vitro study. <i>PLoS ONE</i> , 2008 , 3, e2913 | 3.7 | 46 |
| 21 | 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 |
| 20 | Lipid and Non-lipid Factors Affecting Macrophage Dysfunction and Inflammation in Atherosclerosis. <i>Frontiers in Physiology</i> , 2018 , 9, 654 | 4.6 | 41 |
| 19 | Tuberculosis: new aspects of an old disease. <i>International Journal of Cell Biology</i> , 2011 , 2011, 403623 | 2.6 | 33 |
| 18 | Cholesterol is Inefficiently Converted to Cholesteryl Esters in the Blood of Cardiovascular Disease Patients. <i>Scientific Reports</i> , 2018 , 8, 14764 | 4.9 | 28 |
| 17 | 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 |
| 16 | Rab3a and Rab10 are regulators of lysosome exocytosis and plasma membrane repair. <i>Small GTPases</i> , 2018 , 9, 349-351 | 2.7 | 16 |
| 15 | Cell Senescence, Multiple Organelle Dysfunction and Atherosclerosis. <i>Cells</i> , 2020 , 9, | 7.9 | 16 |
| 14 | 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 |
| 13 | Involvement of the p62/NRF2 signal transduction pathway on erythrophagocytosis. <i>Scientific Reports</i> , 2017 , 7, 5812 | 4.9 | 12 |
| 12 | Comparison of the kinetics of maturation of phagosomes containing apoptotic cells and IgG-opsionized particles. <i>PLoS ONE</i> , 2012 , 7, e48391 | 3.7 | 12 |
| 11 | 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 |
| 10 | 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 |

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| 9 | 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 |
| 8 | 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 |
| 7 | 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 |
| 6 | Current methods to analyse lysosome morphology, positioning, motility and function.. <i>Traffic</i> , 2022 , | 5.7 | 3 |
| 5 | Maturation of phagosomes containing different erythrophagocytic particles in primary macrophages. <i>FEBS Open Bio</i> , 2017 , 7, 1281-1290 | 2.7 | 2 |
| 4 | 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 |
| 3 | Shotgun mass spectrometry-based lipid profiling identifies and distinguishes between chronic inflammatory diseases. <i>EBioMedicine</i> , 2021 , 70, 103504 | 8.8 | 2 |
| 2 | Cholesteryl Hemiazelate Induces Lysosome Dysfunction and Exocytosis in Macrophages | | 1 |
| 1 | Homogentisic acid induces cytoskeleton and extracellular matrix alteration in alkaptonuric cartilage. <i>Journal of Cellular Physiology</i> , 2021 , 236, 6011-6024 | 7 | 0 |