

Kildare Miranda

List of Publications by Year in descending order

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58
papers

2,930
citations

185998

28
h-index

174990

52
g-index

59
all docs

59
docs citations

59
times ranked

3284
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional Architecture of <i>Cyrtoligniera lignieresi</i> Gametocyte Stage Development Inside Red Blood Cells. <i>Journal of Eukaryotic Microbiology</i> , 2022, , e12894.	0.8	0
2	Intracellular host cell membrane remodelling induced by SARS-CoV-2 infection <i>in vitro</i> . <i>Biology of the Cell</i> , 2021, 113, 281-293.	0.7	14
3	Silver chitosan nanocomposites as a potential treatment for superficial candidiasis. <i>Medical Mycology</i> , 2021, 59, 993-1005.	0.3	11
4	High-Resolution Electron Microscopy Analysis of Malaria Hemozoin Crystals Reveals New Aspects of Crystal Growth and Elemental Composition. <i>Crystal Growth and Design</i> , 2021, 21, 5521-5533.	1.4	5
5	Myelination of Callosal Axons Is Hampered by Early and Late Forelimb Amputation in Rats. <i>Cerebral Cortex Communications</i> , 2021, 2, tgaa090.	0.7	2
6	Bacterial-like Mechanosensitive Channels Control Infectivity and Organelle Dynamics in Protozoan Parasites. <i>Biophysical Journal</i> , 2020, 118, 14a.	0.2	0
7	Silencing of RpATG8 impairs the biogenesis of maternal autophagosomes in vitellogenic oocytes, but does not interrupt follicular atresia in the insect vector <i>Rhodnius prolixus</i> . <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008012.	1.3	17
8	Development and fate of the residual body of <i>Toxoplasma gondii</i> . <i>Experimental Parasitology</i> , 2019, 196, 1-11.	0.5	10
9	TbVps15 is required for vesicular transport and cytokinesis in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2018, 219, 33-41.	0.5	3
10	Phosphorus-rich structures and capsular architecture in <i>Cryptococcus neoformans</i> . <i>Future Microbiology</i> , 2017, 12, 227-238.	1.0	14
11	Evolution and Fate of the Residual Body of <i>Toxoplasma gondii</i> revealed by FIB-SEM series. <i>Microscopy and Microanalysis</i> , 2017, 23, 1246-1247.	0.2	0
12	Three-dimensional Visualization of Ion Nanodomains in Subcellular Compartments. <i>Microscopy and Microanalysis</i> , 2017, 23, 1356-1357.	0.2	0
13	Virtual Reconstruction and Three-Dimensional Printing of Blood Cells as a Tool in Cell Biology Education. <i>PLoS ONE</i> , 2016, 11, e0161184.	1.1	14
14	Three dimensional reconstruction by electron microscopy in the life sciences: An introduction for cell and tissue biologists. <i>Molecular Reproduction and Development</i> , 2015, 82, 530-547.	1.0	49
15	Identification of a New Class of Antifungals Targeting the Synthesis of Fungal Sphingolipids. <i>MBio</i> , 2015, 6, e00647.	1.8	124
16	Rab32 is essential for maintaining functional acidocalcisomes, and for growth and infectivity of <i>Trypanosoma cruzi</i> . <i>Journal of Cell Science</i> , 2015, 128, 2363-2373.	1.2	27
17	Compositional and immunobiological analyses of extracellular vesicles released by <i>Candida albicans</i> . <i>Cellular Microbiology</i> , 2015, 17, 389-407.	1.1	242
18	The Acidocalcisome Vacuolar Transporter Chaperone 4 Catalyzes the Synthesis of Polyphosphate in Insect Stages of <i>Trypanosoma brucei</i> and <i>T. cruzi</i> . <i>Journal of Eukaryotic Microbiology</i> , 2014, 61, 155-165.	0.8	34

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19	Application of Analytical Electron Tomography to the Study of Pathogenic Protozoa. <i>Microscopy and Microanalysis</i> , 2014, 20, 1314-1315.	0.2	0
20	Identification and Characterization of an Ecto-Pyrophosphatase Activity in Intact Epimastigotes of <i>Trypanosoma rangeli</i> . <i>PLoS ONE</i> , 2014, 9, e106852.	1.1	3
21	Evidence for the role of vacuolar soluble pyrophosphatase and inorganic polyphosphate in <i>Trypanosoma cruzi</i> persistence. <i>Molecular Microbiology</i> , 2013, 90, 699-715.	1.2	31
22	Yolk hydrolases in the eggs of <i>Anticarsia gemmatalis hubner</i> (Lepidoptera: Noctuidae): A role for inorganic polyphosphate towards yolk mobilization. <i>Journal of Insect Physiology</i> , 2013, 59, 1242-1249.	0.9	10
23	Vesicular mechanisms of traffic of fungal molecules to the extracellular space. <i>Current Opinion in Microbiology</i> , 2013, 16, 414-420.	2.3	74
24	Yolk organelles of insect oocytes - freeze fracture of isolated acidocalcisomes. <i>Molecular Reproduction and Development</i> , 2013, 80, 183-183.	1.0	0
25	Visualizing the 3D Architecture of Multiple Erythrocytes Infected with <i>Plasmodium</i> at Nanoscale by Focused Ion Beam-Scanning Electron Microscopy. <i>PLoS ONE</i> , 2012, 7, e33445.	1.1	29
26	Chitin-Like Molecules Associate with <i>Cryptococcus neoformans</i> Glucuronoxylomannan To Form a Glycan Complex with Previously Unknown Properties. <i>Eukaryotic Cell</i> , 2012, 11, 1086-1094.	3.4	28
27	On the ultrastructural organization of <i>Trypanosoma cruzi</i> using cryopreparation methods and electron tomography. <i>Histochemistry and Cell Biology</i> , 2012, 138, 821-831.	0.8	46
28	Polymeric particles for the controlled release of human amylin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 94, 101-106.	2.5	26
29	Acidocalcisomes as Calcium- and Polyphosphate-Storage Compartments during Embryogenesis of the Insect <i>Rhodnius prolixus</i> Stahl. <i>PLoS ONE</i> , 2011, 6, e27276.	1.1	31
30	Calcium Uptake and Proton Transport by Acidocalcisomes of <i>Toxoplasma gondii</i> . <i>PLoS ONE</i> , 2011, 6, e18390.	1.1	36
31	Defining the role of a FYVE domain in the localization and activity of a cAMP phosphodiesterase implicated in osmoregulation in <i>Trypanosoma cruzi</i> . <i>Molecular Microbiology</i> , 2011, 79, 50-62.	1.2	38
32	Volutin Granules of <i>Eimeria</i> Parasites are Acidic Compartments and Have Physiological and Structural Characteristics Similar to Acidocalcisomes. <i>Journal of Eukaryotic Microbiology</i> , 2011, 58, 416-423.	0.8	20
33	The Pathogenic Fungus <i>Paracoccidioides brasiliensis</i> Exports Extracellular Vesicles Containing Highly Immunogenic Î±-Galactosyl Epitopes. <i>Eukaryotic Cell</i> , 2011, 10, 343-351.	3.4	169
34	Calcium and polyphosphate-containing acidocalcisomes in chicken egg yolk. <i>Biology of the Cell</i> , 2010, 102, 421-434.	0.7	22
35	Characterization of a novel organelle in <i>Toxoplasma gondii</i> with similar composition and function to the plant vacuole. <i>Molecular Microbiology</i> , 2010, 76, 1358-1375.	1.2	152
36	Structural Changes of the Paraflagellar Rod during Flagellar Beating in <i>Trypanosoma cruzi</i> . <i>PLoS ONE</i> , 2010, 5, e11407.	1.1	19

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37	Target of Rapamycin (TOR)-like 1 Kinase Is Involved in the Control of Polyphosphate Levels and Acidocalcisome Maintenance in <i>Trypanosoma brucei</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 24131-24140.	1.6	43
38	The Bacterium Endosymbiont of <i>Crithidia deanei</i> Undergoes Coordinated Division with the Host Cell Nucleus. <i>PLoS ONE</i> , 2010, 5, e12415.	1.1	37
39	<i>Cryptococcus neoformans</i> cryoultramicrotomy and vesicle fractionation reveals an intimate association between membrane lipids and glucuronoxylomannan. <i>Fungal Genetics and Biology</i> , 2009, 46, 956-963.	0.9	59
40	Proton-pyrophosphatase and polyphosphate in acidocalcisome-like vesicles from oocytes and eggs of <i>Periplaneta americana</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2009, 39, 198-206.	1.2	28
41	Ultrastructure of <i>Trypanosoma cruzi</i> revisited by atomic force microscopy. <i>Microscopy Research and Technique</i> , 2008, 71, 133-139.	1.2	17
42	Acidocalcisomes in Apicomplexan parasites. <i>Experimental Parasitology</i> , 2008, 118, 2-9.	0.5	38
43	A <i>Trypanosoma cruzi</i> Phosphatidylinositol 3-Kinase (TcVps34) Is Involved in Osmoregulation and Receptor-mediated Endocytosis. <i>Journal of Biological Chemistry</i> , 2008, 283, 31541-31550.	1.6	32
44	The Farnesyl-diphosphate/Geranylgeranyl-diphosphate Synthase of <i>Toxoplasma gondii</i> Is a Bifunctional Enzyme and a Molecular Target of Bisphosphonates. <i>Journal of Biological Chemistry</i> , 2007, 282, 30804-30816.	1.6	82
45	Vesicular Polysaccharide Export in <i>Cryptococcus neoformans</i> Is a Eukaryotic Solution to the Problem of Fungal Trans-Cell Wall Transport. <i>Eukaryotic Cell</i> , 2007, 6, 48-59.	3.4	454
46	A Solanesyl-diphosphate Synthase Localizes in Glycosomes of <i>Trypanosoma cruzi</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 39339-39348.	1.6	35
47	Acidocalcisomes ? conserved from bacteria to man. <i>Nature Reviews Microbiology</i> , 2005, 3, 251-261.	13.6	396
48	P-type Proton ATPases are Involved in Intracellular Calcium and Proton Uptake in the Plant Parasite <i>Phytomonas françai</i> . <i>Journal of Eukaryotic Microbiology</i> , 2005, 52, 55-60.	0.8	6
49	A proton pumping pyrophosphatase in acidocalcisomes of <i>Herpetomonas sp.</i> . <i>Molecular and Biochemical Parasitology</i> , 2005, 140, 175-182.	0.5	11
50	Structure, Cellular Distribution, Antigenicity, and Biological Functions of <i>Fonsecaea pedrosoi</i> Ceramide Monohexosides. <i>Infection and Immunity</i> , 2005, 73, 7860-7868.	1.0	49
51	Kinetics of pyrophosphate-driven proton uptake by acidocalcisomes of <i>Leptomonas wallacei</i> . <i>Biochemical and Biophysical Research Communications</i> , 2005, 334, 1206-1213.	1.0	7
52	Acidocalcisomes of Trypanosomatids have Species-Specific Elemental Composition. <i>Protist</i> , 2004, 155, 395-405.	0.6	37
53	Dynamics of polymorphism of acidocalcisomes in <i>Leishmania</i> parasites. <i>Histochemistry and Cell Biology</i> , 2004, 121, 407-418.	0.8	32
54	Acidocalcisomes of <i>Phytomonas françai</i> Possess Distinct Morphological Characteristics and Contain Iron. <i>Microscopy and Microanalysis</i> , 2004, 10, 647-655.	0.2	25

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55	On the pro-oxidant effects of haemozoin. FEBS Letters, 2002, 512, 139-144.	1.3	50
56	Trypanosoma cruzi epimastigote endocytic pathway: cargo enters the cytostome and passes through an early endosomal network before storage in reservosomes. European Journal of Cell Biology, 2000, 79, 858-869.	1.6	114
57	The fine structure of acidocalcisomes in Trypanosoma cruzi. Parasitology Research, 2000, 86, 373-384.	0.6	64
58	Two special organelles found in Trypanosoma cruzi. Anais Da Academia Brasileira De Ciencias, 2000, 72, 421-432.	0.3	14