

Lilach Sheiner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/435189/publications.pdf>

Version: 2024-02-01

32
papers

1,368
citations

471509

17
h-index

477307

29
g-index

41
all docs

41
docs citations

41
times ranked

1309
citing authors

#	ARTICLE	IF	CITATIONS
1	A Systematic Screen to Discover and Analyze Apicoplast Proteins Identifies a Conserved and Essential Protein Import Factor. <i>PLoS Pathogens</i> , 2011, 7, e1002392.	4.7	221
2	Mitochondrial Metabolism of Glucose and Glutamine Is Required for Intracellular Growth of <i>Toxoplasma gondii</i> . <i>Cell Host and Microbe</i> , 2012, 12, 682-692.	11.0	210
3	The metabolic roles of the endosymbiotic organelles of <i>Toxoplasma</i> and <i>Plasmodium</i> spp.. <i>Current Opinion in Microbiology</i> , 2013, 16, 452-458.	5.1	102
4	Dual Targeting of Antioxidant and Metabolic Enzymes to the Mitochondrion and the Apicoplast of <i>Toxoplasma gondii</i> . <i>PLoS Pathogens</i> , 2007, 3, e115.	4.7	98
5	A <i>Toxoplasma</i> MORN1 Null Mutant Undergoes Repeated Divisions but Is Defective in Basal Assembly, Apicoplast Division and Cytokinesis. <i>PLoS ONE</i> , 2010, 5, e12302.	2.5	78
6	Mitochondrial translation in absence of local tRNA aminoacylation and methionyl tRNA ^{Met} formylation in Apicomplexa. <i>Molecular Microbiology</i> , 2010, 76, 706-718.	2.5	75
7	ATP synthase hexamer assemblies shape cristae of <i>Toxoplasma</i> mitochondria. <i>Nature Communications</i> , 2021, 12, 120.	12.8	64
8	Mitochondrial behaviour throughout the lytic cycle of <i>Toxoplasma gondii</i> . <i>Scientific Reports</i> , 2017, 7, 42746.	3.3	58
9	Two Essential Light Chains Regulate the MyoA Lever Arm To Promote <i>Toxoplasma</i> Gliding Motility. <i>MBio</i> , 2015, 6, e00845-15.	4.1	49
10	A unique dynamin-related protein is essential for mitochondrial fission in <i>Toxoplasma gondii</i> . <i>PLoS Pathogens</i> , 2019, 15, e1007512.	4.7	43
11	Two essential Thioredoxins mediate apicoplast biogenesis, protein import, and gene expression in <i>Toxoplasma gondii</i> . <i>PLoS Pathogens</i> , 2018, 14, e1006836.	4.7	40
12	Complexome profile of <i>Toxoplasma gondii</i> mitochondria identifies divergent subunits of respiratory chain complexes including new subunits of cytochrome bc ₁ complex. <i>PLoS Pathogens</i> , 2021, 17, e1009301.	4.7	39
13	<i>Toxoplasma gondii</i> Toc75 Functions in Import of Stromal but not Peripheral Apicoplast Proteins. <i>Traffic</i> , 2015, 16, 1254-1269.	2.7	36
14	Lipid kinases are essential for apicoplast homeostasis in <i>Toxoplasma gondii</i> . <i>Cellular Microbiology</i> , 2015, 17, 559-578.	2.1	36
15	Targeting the apicoplast in malaria. <i>Biochemical Society Transactions</i> , 2019, 47, 973-983.	3.4	27
16	Identification of the <i>Toxoplasma gondii</i> mitochondrial ribosome, and characterisation of a protein essential for mitochondrial translation. <i>Molecular Microbiology</i> , 2019, 112, 1235-1252.	2.5	27
17	Protein sorting in complex plastids. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 352-359.	4.1	22
18	Genetic Manipulation of <i>Toxoplasma gondii</i> . , 2014, , 577-611.		20

#	ARTICLE	IF	CITATIONS
19	Protein Import into the Endosymbiotic Organelles of Apicomplexan Parasites. <i>Genes</i> , 2018, 9, 412.	2.4	19
20	Depletion of a <i>Toxoplasma</i> porin leads to defects in mitochondrial morphology and contacts with the endoplasmic reticulum. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	17
21	Exploring the powerful phytoarsenal of white grape marc against bacteria and parasites causing significant diseases. <i>Environmental Science and Pollution Research</i> , 2021, 28, 24270-24278.	5.3	16
22	<i>Toxoplasma</i> metabolic flexibility in different growth conditions. <i>Trends in Parasitology</i> , 2022, 38, 775-790.	3.3	14
23	Genetic manipulation of <i>Toxoplasma gondii</i> . , 2020, , 897-940.		11
24	A <i>Toxoplasma gondii</i> Oxopurine Transporter Binds Nucleobases and Nucleosides Using Different Binding Modes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 710.	4.1	10
25	<i>Plasmodium falciparum</i> LipB mutants display altered redox and carbon metabolism in asexual stages and cannot complete sporogony in <i>Anopheles</i> mosquitoes. <i>International Journal for Parasitology</i> , 2021, 51, 441-453.	3.1	9
26	Replication and partitioning of the apicoplast genome of <i>Toxoplasma gondii</i> is linked to the cell cycle and requires DNA polymerase and gyrase. <i>International Journal for Parasitology</i> , 2021, 51, 493-504.	3.1	7
27	Using Diatom and Apicomplexan Models to Study the Heme Pathway of <i>Chromera velia</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 6495.	4.1	5
28	Functional Analyses of a Putative, Membrane-Bound, Peroxisomal Protein Import Mechanism from the Apicomplexan Protozoan <i>Toxoplasma gondii</i> . <i>Genes</i> , 2018, 9, 434.	2.4	4
29	Nuclear Interactions: A Spotlight on Nuclear Mitochondrial Membrane Contact Sites. <i>Contact (Thousand Oaks (Ventura County, Calif))</i> , 2022, 5, 251525642210962.	1.3	3
30	Identification and Validation of <i>Toxoplasma gondii</i> Mitochondrial Large Subunit Components. <i>Microorganisms</i> , 2022, 10, 863.	3.6	3
31	Protein control of membrane and organelle dynamics: Insights from the divergent eukaryote <i>Toxoplasma gondii</i> . <i>Current Opinion in Cell Biology</i> , 2022, 76, 102085.	5.4	3
32	Experimental Approaches for Examining Apicoplast Biology. <i>Methods in Molecular Biology</i> , 2020, 2071, 221-243.	0.9	1