

Rachel Zufferey

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ether Phospholipids and Glycosylinositolphospholipids Are Not Required for Amastigote Virulence or for Inhibition of Macrophage Activation by <i>Leishmania major</i> . <i>Journal of Biological Chemistry</i> , 2003, 278, 44708-44718.	3.4	92
2	Choline transport in <i>Leishmania major</i> promastigotes and its inhibition by choline and phosphocholine analogs. <i>Molecular and Biochemical Parasitology</i> , 2002, 125, 127-134.	1.1	54
3	The <i>Plasmodium falciparum</i> PfGatp is an Endoplasmic Reticulum Membrane Protein Important for the Initial Step of Malarial Glycerolipid Synthesis. <i>Journal of Biological Chemistry</i> , 2004, 279, 9222-9232.	3.4	45
4	The initial step of glycerolipid metabolism in <i>Leishmania major</i> promastigotes involves a single glycerol-3-phosphate acyltransferase enzyme important for the synthesis of triacylglycerol but not essential for virulence. <i>Molecular Microbiology</i> , 2005, 56, 800-810.	2.5	23
5	Characterization of <i>Leishmania major</i> phosphatidylethanolamine methyltransferases LmjPEM1 and LmjPEM2 and their inhibition by choline analogs. <i>Molecular and Biochemical Parasitology</i> , 2014, 196, 90-99.	1.1	19
6	Lipidomics and anti-trypanosomatid chemotherapy. <i>Clinical and Translational Medicine</i> , 2017, 6, 27.	4.0	19
7	<i>Leishmania major</i> Expresses a Single Dihydroxyacetone Phosphate Acyltransferase Localized in the Glycosome, Important for Rapid Growth and Survival at High Cell Density and Essential for Virulence. <i>Journal of Biological Chemistry</i> , 2006, 281, 7952-7959.	3.4	16
8	<i>Leishmania</i> dihydroxyacetonephosphate acyltransferase LmDAT is important for ether lipid biosynthesis but not for the integrity of detergent resistant membranes. <i>Molecular and Biochemical Parasitology</i> , 2009, 168, 177-185.	1.1	11
9	The <i>Trypanosoma brucei</i> dihydroxyacetonephosphate acyltransferase TbDAT is dispensable for normal growth but important for synthesis of ether glycerophospholipids. <i>PLoS ONE</i> , 2017, 12, e0181432.	2.5	10
10	The N-Terminal Domain and Glycosomal Localization of <i>Leishmania</i> Initial Acyltransferase LmDAT Are Important for Lipophosphoglycan Synthesis. <i>PLoS ONE</i> , 2011, 6, e27802.	2.5	4
11	The Glycerol-3-Phosphate Acyltransferase <i>TbGAT</i> is Dispensable for Viability and the Synthesis of Glycerolipids in <i>Trypanosoma brucei</i> . <i>Journal of Eukaryotic Microbiology</i> , 2016, 63, 598-609.	1.7	4
12	Characterization of a compensatory mutant of <i>Leishmania major</i> that lacks ether lipids but exhibits normal growth, and G418 and hygromycin resistance. <i>Experimental Parasitology</i> , 2012, 130, 200-204.	1.2	3
13	<i>In Vitro</i> Assay to Measure Phosphatidylethanolamine Methyltransferase Activity. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	1
14	The glycosomal alkyl-dihydroxyacetonephosphate synthase TbADS is essential for the synthesis of ether glycerophospholipids in procyclic trypanosomes. <i>Experimental Parasitology</i> , 2018, 185, 71-78.	1.2	1