

Loïc Rivière

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

857
citations

1307594

7
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1125743

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14
all docs

14
docs citations

14
times ranked

999
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy metabolism of trypanosomatids: Adaptation to available carbon sources. <i>Molecular and Biochemical Parasitology</i> , 2006, 149, 1-9.	1.1	351
2	Proline Metabolism in Procyclic <i>Trypanosoma brucei</i> Is Down-regulated in the Presence of Glucose. <i>Journal of Biological Chemistry</i> , 2005, 280, 11902-11910.	3.4	190
3	Glucose-induced Remodeling of Intermediary and Energy Metabolism in Procyclic <i>Trypanosoma brucei</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 16342-16354.	3.4	113
4	Acetate produced in the mitochondrion is the essential precursor for lipid biosynthesis in procyclic trypanosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12694-12699.	7.1	72
5	The threonine degradation pathway of the <i>Trypanosoma brucei</i> procyclic form: the main carbon source for lipid biosynthesis is under metabolic control. <i>Molecular Microbiology</i> , 2013, 90, 114-129.	2.5	58
6	Glycerol supports growth of the <i>Trypanosoma brucei</i> bloodstream forms in the absence of glucose: Analysis of metabolic adaptations on glycerol-rich conditions. <i>PLoS Pathogens</i> , 2018, 14, e1007412.	4.7	32
7	Procyclic trypanosomes recycle glucose catabolites and TCA cycle intermediates to stimulate growth in the presence of physiological amounts of proline. <i>PLoS Pathogens</i> , 2021, 17, e1009204.	4.7	16
8	Glycerol suppresses glucose consumption in trypanosomes through metabolic contest. <i>PLoS Biology</i> , 2021, 19, e3001359.	5.6	7
9	Novel protein candidates for serodiagnosis of African animal trypanosomosis: Evaluation of the diagnostic potential of lysophospholipase and glycerol kinase from <i>Trypanosoma brucei</i> . <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009985.	3.0	6
10	A novel lipase with dual localisation in <i>Trypanosoma brucei</i> . <i>Scientific Reports</i> , 2022, 12, 4766.	3.3	4
11	A multigene family encoding surface glycoproteins in <i>Trypanosoma congolense</i> . <i>Microbial Cell</i> , 2017, 4, 90-97.	3.2	3
12	Glycerol, a possible new player in the biology of trypanosomes. <i>PLoS Pathogens</i> , 2021, 17, e1010035.	4.7	3
13	Confining <i>Trypanosoma brucei</i> in emulsion droplets reveals population variabilities in division rates and improves in vitro cultivation. <i>Scientific Reports</i> , 2021, 11, 18192.	3.3	2