

# Loïc Rivière

## List of Publications by Year in descending order

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13  
papers

857  
citations

1307594

7  
h-index

1125743

13  
g-index

14  
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14  
docs citations

14  
times ranked

999  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel lipase with dual localisation in <i>Trypanosoma brucei</i> . <i>Scientific Reports</i> , 2022, 12, 4766.	3.3	4
2	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
3	Glycerol suppresses glucose consumption in trypanosomes through metabolic contest. <i>PLoS Biology</i> , 2021, 19, e3001359.	5.6	7
4	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
5	Glycerol, a possible new player in the biology of trypanosomes. <i>PLoS Pathogens</i> , 2021, 17, e1010035.	4.7	3
6	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
7	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
8	A multigene family encoding surface glycoproteins in <i>Trypanosoma congolense</i> . <i>Microbial Cell</i> , 2017, 4, 90-97.	3.2	3
9	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
10	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
11	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
12	Energy metabolism of trypanosomatids: Adaptation to available carbon sources. <i>Molecular and Biochemical Parasitology</i> , 2006, 149, 1-9.	1.1	351
13	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