

# Muriel Mazet

## List of Publications by Year in descending order

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8  
papers

386  
citations

1163117  
8  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

528  
citing authors

#	ARTICLE	IF	CITATIONS
1	De novo biosynthesis of sterols and fatty acids in the <i>Trypanosoma brucei</i> procyclic form: Carbon source preferences and metabolic flux redistributions. <i>PLoS Pathogens</i> , 2018, 14, e1007116.	4.7	27
2	Combining reverse genetics and nuclear magnetic resonance-based metabolomics unravels trypanosome-specific metabolic pathways. <i>Molecular Microbiology</i> , 2015, 96, 917-926.	2.5	28
3	Probing the Metabolic Network in Bloodstream-Form <i>Trypanosoma brucei</i> Using Untargeted Metabolomics with Stable Isotope Labelled Glucose. <i>PLoS Pathogens</i> , 2015, 11, e1004689.	4.7	128
4	Triacylglycerol Storage in Lipid Droplets in Procyclic <i>Trypanosoma brucei</i> . <i>PLoS ONE</i> , 2014, 9, e114628.	2.5	28
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	Cytosolic NADPH Homeostasis in Glucose-starved Procyclic <i>Trypanosoma brucei</i> Relies on Malic Enzyme and the Pentose Phosphate Pathway Fed by Gluconeogenic Flux. <i>Journal of Biological Chemistry</i> , 2013, 288, 18494-18505.	3.4	61
7	ATP Synthesis-coupled and -uncoupled Acetate Production from Acetyl-CoA by Mitochondrial Acetate:Succinate CoA-transferase and Acetyl-CoA Thioesterase in <i>Trypanosoma</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 17186-17197.	3.4	39
8	The characterization and evolutionary relationships of a trypanosomal thiolase. <i>International Journal for Parasitology</i> , 2011, 41, 1273-1283.	3.1	17