

# Shuhong Luo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11497923/publications.pdf>

Version: 2024-02-01

16  
papers

899  
citations

567281

15  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

780  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acidocalcisomes and a vacuolar H <sup>+</sup> -pyrophosphatase in malaria parasites. <i>Biochemical Journal</i> , 2000, 347, 243-253.	3.7	111
2	A Vacuolar-type H <sup>+</sup> -Pyrophosphatase Governs Maintenance of Functional Acidocalcisomes and Growth of the Insect and Mammalian Forms of <i>Trypanosoma brucei</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 37369-37376.	3.4	97
3	Oxidative Phosphorylation, Ca <sup>2+</sup> Transport, and Fatty Acid-induced Uncoupling in Malaria Parasites Mitochondria. <i>Journal of Biological Chemistry</i> , 2000, 275, 9709-9715.	3.4	83
4	Oxidative Phosphorylation and Rotenone-insensitive Malate- and NADH-Quinone Oxidoreductases in <i>Plasmodium yoelii yoelii</i> Mitochondria in Situ. <i>Journal of Biological Chemistry</i> , 2004, 279, 385-393.	3.4	79
5	A Pyrophosphatase Regulating Polyphosphate Metabolism in Acidocalcisomes Is Essential for <i>Trypanosoma brucei</i> Virulence in Mice. <i>Journal of Biological Chemistry</i> , 2004, 279, 3420-3425.	3.4	74
6	A plant-like vacuolar H <sup>+</sup> -pyrophosphatase in <i>Plasmodium falciparum</i> . <i>FEBS Letters</i> , 1999, 460, 217-220.	2.8	70
7	<i>Trypanosoma brucei</i> Plasma Membrane-Type Ca <sup>2+</sup> -ATPase 1 (TbPMC1) and 2 (TbPMC2) Genes Encode Functional Ca <sup>2+</sup> -ATPases Localized to the Acidocalcisomes and Plasma Membrane, and Essential for Ca <sup>2+</sup> Homeostasis and Growth. <i>Journal of Biological Chemistry</i> , 2004, 279, 14427-14439.	3.4	56
8	Cloning and functional expression of a gene encoding a vacuolar-type proton-translocating pyrophosphatase from <i>Trypanosoma cruzi</i> . <i>Biochemical Journal</i> , 2000, 351, 281-288.	3.7	50
9	<sup>31</sup> P NMR of Apicomplexans and the Effects of Risedronate on <i>Cryptosporidium parvum</i> Growth. <i>Biochemical and Biophysical Research Communications</i> , 2001, 284, 632-637.	2.1	46
10	Polyphosphate Content and Fine Structure of Acidocalcisomes of <i>Plasmodium falciparum</i> . <i>Microscopy and Microanalysis</i> , 2004, 10, 563-567.	0.4	44
11	Role for a P-type H <sup>+</sup> -ATPase in the acidification of the endocytic pathway of <i>Trypanosoma cruzi</i> . <i>Biochemical Journal</i> , 2005, 392, 467-474.	3.7	42
12	Cloning and functional expression of a gene encoding a vacuolar-type proton-translocating pyrophosphatase from <i>Trypanosoma cruzi</i> . <i>Biochemical Journal</i> , 2000, 351, 281.	3.7	39
13	Acidocalcisomes and a vacuolar H <sup>+</sup> -pyrophosphatase in malaria parasites. <i>Biochemical Journal</i> , 2000, 347, 243.	3.7	37
14	Overexpression of a Zn <sup>2+</sup> -sensitive Soluble Exopolyphosphatase from <i>Trypanosoma cruzi</i> Depletes Polyphosphate and Affects Osmoregulation. <i>Journal of Biological Chemistry</i> , 2007, 282, 32501-32510.	3.4	33
15	A Malaria Parasite-encoded Vacuolar H <sup>+</sup> -ATPase Is Targeted to the Host Erythrocyte. <i>Journal of Biological Chemistry</i> , 2005, 280, 36841-36847.	3.4	23
16	<i>Trypanosoma cruzi</i> H <sup>+</sup> -ATPase 1 (TcHA1) and 2 (TcHA2) Genes Complement Yeast Mutants Defective in H <sup>+</sup> Pumps and Encode Plasma Membrane P-type H <sup>+</sup> -ATPases with Different Enzymatic Properties. <i>Journal of Biological Chemistry</i> , 2002, 277, 44497-44506.	3.4	15