

Tawanda Zininga

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

693
citations

623734

14
h-index

677142

22
g-index

30
all docs

30
docs citations

30
times ranked

611
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutation of GGMP Repeat Segments of Plasmodium falciparum Hsp70-1 Compromises Chaperone Function and Hop Co-Chaperone Binding. International Journal of Molecular Sciences, 2021, 22, 2226.	4.1	13
2	Design and synthesis of quinoline-pyrimidine inspired hybrids as potential plasmodial inhibitors. European Journal of Medicinal Chemistry, 2021, 217, 113330.	5.5	29
3	Heat Shock Proteins: Potential Modulators and Candidate Biomarkers of Peripartum Cardiomyopathy. Frontiers in Cardiovascular Medicine, 2021, 8, 633013.	2.4	5
4	Characterisation of a unique linker segment of the Plasmodium falciparum cytosol localised Hsp110 chaperone. International Journal of Biological Macromolecules, 2021, 180, 272-285.	7.5	8
5	Supporting data on characterisation of linker switch mutants of Plasmodium falciparum heat shock protein 110 and canonical Hsp70. Data in Brief, 2021, 37, 107177.	1.0	0
6	Role of Heat Shock Proteins in Immune Modulation in Malaria. Advances in Experimental Medicine and Biology, 2021, 1340, 169-186.	1.6	1
7	Inhibitors of the Plasmodium falciparum Hsp90 towards Selective Antimalarial Drug Design: The Past, Present and Future. Cells, 2021, 10, 2849.	4.1	10
8	Comparative Characterization of Plasmodium falciparum Hsp70-1 Relative to E. coli DnaK Reveals the Functional Specificity of the Parasite Chaperone. Biomolecules, 2020, 10, 856.	4.0	20
9	Biophysical analysis of Plasmodium falciparum Hsp70-Hsp90 organising protein (PfHop) reveals a monomer that is characterised by folded segments connected by flexible linkers. PLoS ONE, 2020, 15, e0226657.	2.5	12
10	Title is missing!. , 2020, 15, e0226657.		0
11	Title is missing!. , 2020, 15, e0226657.		0
12	Title is missing!. , 2020, 15, e0226657.		0
13	Title is missing!. , 2020, 15, e0226657.		0
14	Comparative structure-function features of Hsp70s of Plasmodium falciparum and human origins. Biophysical Reviews, 2019, 11, 591-602.	3.2	25
15	The Link That Binds: The Linker of Hsp70 as a Helm of the Protein's Function. Biomolecules, 2019, 9, 543.	4.0	20
16	Small Molecule Inhibitors Targeting the Heat Shock Protein System of Human Obligate Protozoan Parasites. International Journal of Molecular Sciences, 2019, 20, 5930.	4.1	31
17	Heat Shock Proteins as Immunomodulants. Molecules, 2018, 23, 2846.	3.8	229
18	Structural and biochemical characterization of Plasmodium falciparum Hsp70 reveals functional versatility of its C-terminal EEVN motif. Proteins: Structure, Function and Bioinformatics, 2018, 86, 1189-1201.	2.6	37

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19	Polymyxin B inhibits the chaperone activity of Plasmodium falciparum Hsp70. Cell Stress and Chaperones, 2017, 22, 707-715.	2.9	38
20	Extracts Obtained from Pterocarpus angolensis DC and Ziziphus mucronata Exhibit Antiplasmodial Activity and Inhibit Heat Shock Protein 70 (Hsp70) Function. Molecules, 2017, 22, 1224.	3.8	18
21	($\hat{\alpha}$)-Epigallocatechin-3-Gallate Inhibits the Chaperone Activity of Plasmodium falciparum Hsp70 Chaperones and Abrogates Their Association with Functional Partners. Molecules, 2017, 22, 2139.	3.8	39
22	Extracts Obtained from Pterocarpus angolensis DC and Ziziphus mucronata Exhibit Antiplasmodial Activity and Inhibit Heat Shock Protein 70 (Hsp70) Function. Molecules, 2017, 22, 1224.	3.8	3
23	Plasmodium falciparum Hsp70-z, an Hsp110 homologue, exhibits independent chaperone activity and interacts with Hsp70-1 in a nucleotide-dependent fashion. Cell Stress and Chaperones, 2016, 21, 499-513.	2.9	41
24	Use of a Chimeric Hsp70 to Enhance the Quality of Recombinant Plasmodium falciparum S-Adenosylmethionine Decarboxylase Protein Produced in Escherichia coli. PLoS ONE, 2016, 11, e0152626.	2.5	17
25	Plasmodium falciparum Hop (PfHop) Interacts with the Hsp70 Chaperone in a Nucleotide-Dependent Fashion and Exhibits Ligand Selectivity. PLoS ONE, 2015, 10, e0135326.	2.5	40
26	Overexpression, Purification and Characterisation of the Plasmodium falciparum Hsp70-z (PfHsp70-z) Protein. PLoS ONE, 2015, 10, e0129445.	2.5	36
27	Are Heat Shock Proteins Druggable Candidates?. American Journal of Biochemistry and Biotechnology, 2014, 10, 208-210.	0.4	21