

# 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	Heat Shock Proteins as Immunomodulants. <i>Molecules</i> , 2018, 23, 2846.	3.8	229
2	<i>Plasmodium falciparum</i> Hsp70-z, an Hsp110 homologue, exhibits independent chaperone activity and interacts with Hsp70-1 in a nucleotide-dependent fashion. <i>Cell Stress and Chaperones</i> , 2016, 21, 499-513.	2.9	41
3	<i>Plasmodium falciparum</i> Hop (PfHop) Interacts with the Hsp70 Chaperone in a Nucleotide-Dependent Fashion and Exhibits Ligand Selectivity. <i>PLoS ONE</i> , 2015, 10, e0135326.	2.5	40
4	(âˆ“)Epigallocatechin-3-Gallate Inhibits the Chaperone Activity of <i>Plasmodium falciparum</i> Hsp70 Chaperones and Abrogates Their Association with Functional Partners. <i>Molecules</i> , 2017, 22, 2139.	3.8	39
5	Polymyxin B inhibits the chaperone activity of <i>Plasmodium falciparum</i> Hsp70. <i>Cell Stress and Chaperones</i> , 2017, 22, 707-715.	2.9	38
6	Structural and biochemical characterization of <i>Plasmodium falciparum</i> Hsp70 reveals functional versatility of its C-terminal EEVN motif. <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, 1189-1201.	2.6	37
7	Overexpression, Purification and Characterisation of the <i>Plasmodium falciparum</i> Hsp70-z (PfHsp70-z) Protein. <i>PLoS ONE</i> , 2015, 10, e0129445.	2.5	36
8	Small Molecule Inhibitors Targeting the Heat Shock Protein System of Human Obligate Protozoan Parasites. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5930.	4.1	31
9	Design and synthesis of quinoline-pyrimidine inspired hybrids as potential plasmodial inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021, 217, 113330.	5.5	29
10	Comparative structure-function features of Hsp70s of <i>Plasmodium falciparum</i> and human origins. <i>Biophysical Reviews</i> , 2019, 11, 591-602.	3.2	25
11	Are Heat Shock Proteins Druggable Candidates?. <i>American Journal of Biochemistry and Biotechnology</i> , 2014, 10, 208-210.	0.4	21
12	The Link That Binds: The Linker of Hsp70 as a Helm of the Protein's Function. <i>Biomolecules</i> , 2019, 9, 543.	4.0	20
13	Comparative Characterization of <i>Plasmodium falciparum</i> Hsp70-1 Relative to <i>E. coli</i> DnaK Reveals the Functional Specificity of the Parasite Chaperone. <i>Biomolecules</i> , 2020, 10, 856.	4.0	20
14	Extracts Obtained from <i>Pterocarpus angolensis</i> DC and <i>Ziziphus mucronata</i> Exhibit Antiplasmodial Activity and Inhibit Heat Shock Protein 70 (Hsp70) Function. <i>Molecules</i> , 2017, 22, 1224.	3.8	18
15	Use of a Chimeric Hsp70 to Enhance the Quality of Recombinant <i>Plasmodium falciparum</i> S-Adenosylmethionine Decarboxylase Protein Produced in <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2016, 11, e0152626.	2.5	17
16	Mutation of GGMP Repeat Segments of <i>Plasmodium falciparum</i> Hsp70-1 Compromises Chaperone Function and Hop Co-Chaperone Binding. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2226.	4.1	13
17	Biophysical analysis of <i>Plasmodium falciparum</i> Hsp70-Hsp90 organising protein (PfHop) reveals a monomer that is characterised by folded segments connected by flexible linkers. <i>PLoS ONE</i> , 2020, 15, e0226657.	2.5	12
18	Inhibitors of the <i>Plasmodium falciparum</i> Hsp90 towards Selective Antimalarial Drug Design: The Past, Present and Future. <i>Cells</i> , 2021, 10, 2849.	4.1	10

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19	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
20	Heat Shock Proteins: Potential Modulators and Candidate Biomarkers of Peripartum Cardiomyopathy. Frontiers in Cardiovascular Medicine, 2021, 8, 633013.	2.4	5
21	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
22	Role of Heat Shock Proteins in Immune Modulation in Malaria. Advances in Experimental Medicine and Biology, 2021, 1340, 169-186.	1.6	1
23	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
24	Title is missing!. , 2020, 15, e0226657.		0
25	Title is missing!. , 2020, 15, e0226657.		0
26	Title is missing!. , 2020, 15, e0226657.		0
27	Title is missing!. , 2020, 15, e0226657.		0