

# Matshawandile Tukulula

## List of Publications by Year in descending order

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16  
papers

306  
citations

840776

11  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

552  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Antiplasmodial and Antimycobacterial Evaluation of New Nitroimidazole and Nitroimidazooxazine Derivatives. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 128-131.	2.8	47
2	In vitro evaluation of chloroquine-loaded and heparin surface-functionalized solid lipid nanoparticles. <i>Malaria Journal</i> , 2018, 17, 133.	2.3	38
3	Curdlan-Conjugated PLGA Nanoparticles Possess Macrophage Stimulant Activity and Drug Delivery Capabilities. <i>Pharmaceutical Research</i> , 2015, 32, 2713-26.	3.5	30
4	The design, synthesis, in silico ADME profiling, antiplasmodial and antimycobacterial evaluation of new arylamino quinoline derivatives. <i>European Journal of Medicinal Chemistry</i> , 2012, 57, 259-267.	5.5	29
5	Synthesis, characterization and optimization of poly(p-phenylenediamine)-based organoclay composite for Cr(VI) remediation. <i>Applied Clay Science</i> , 2017, 139, 72-80.	5.2	28
6	Tetrazole-based deoxyamodiaquines: Synthesis, ADME/PK profiling and pharmacological evaluation as potential antimalarial agents. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4904-4913.	3.0	23
7	Synthesis and in Vitro and in Vivo Pharmacological Evaluation of New 4-Aminoquinoline-Based Compounds. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 1198-1202.	2.8	18
8	New thiazolidine-4-one derivatives combined with organometallic ferrocene: Synthesis, structure and antiparasitic activity. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4385.	3.5	17
9	Functionalization of PLGA Nanoparticles with 1,3- $\beta$ -glucan Enhances the Intracellular Pharmacokinetics of Rifampicin in Macrophages. <i>Pharmaceutical Research</i> , 2018, 35, 111.	3.5	16
10	Indolizine Studies, Part 5: Indolizine-2-carboxamides as Potential HIV-1 Protease Inhibitors. <i>Synthetic Communications</i> , 2010, 40, 2018-2028.	2.1	11
11	New Quinoline-Urea-Benzothiazole Hybrids as Promising Antitubercular Agents: Synthesis, In Vitro Antitubercular Activity, Cytotoxicity Studies, and In Silico ADME Profiling. <i>Pharmaceuticals</i> , 2022, 15, 576.	3.8	11
12	Strong base- or acid-mediated chemoselectivity shifts in the synthesis of 2H-chromene or coumarin derivatives from common Baylis-Hillman adducts. <i>Tetrahedron</i> , 2015, 71, 4868-4873.	1.9	7
13	A sustainable molybdenum oxide loaded on zirconia (MoO <sub>3</sub> /ZrO <sub>2</sub> ) catalysed multicomponent reaction to synthesise novel dihydropyridines. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 25, 100578.	3.3	5
14	The development and validation of an LC-MS/MS method for the determination of a new anti-malarial compound (TK900D) in human whole blood and its application to pharmacokinetic studies in mice. <i>Malaria Journal</i> , 2014, 13, 42.	2.3	4
15	Synthesis and In Vitro Antiprotozoan Evaluation of 4-/8-Aminoquinoline-based Lactams and Tetrazoles. <i>Molecules</i> , 2020, 25, 5941.	3.8	1
16	Synthesis, Stereochemistry and In Vitro STD NMR and In Silico HIV-1 PR Enzyme-binding Potential of MBH-derived Inhibitors. <i>Journal of Molecular Structure</i> , 2022, , 133716.	3.6	0