

Olaposi I Omotuyi

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

359
citations

759233

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30
all docs

30
docs citations

30
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of new promising USP14 inhibitors: computational evaluation of the thumb-palm pocket. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 3060-3070.	3.5	14
2	SARS-CoV-2 Omicron spike glycoprotein receptor binding domain exhibits super-binder ability with ACE2 but not convalescent monoclonal antibody. <i>Computers in Biology and Medicine</i> , 2022, 142, 105226.	7.0	26
3	Inhibition of human androgen receptor by delta 9-tetrahydrocannabinol and cannabidiol related to reproductive dysfunction: A computational study. <i>Andrologia</i> , 2022, 54, e14454.	2.1	2
4	<i>Aframomum melegueta</i> secondary metabolites exhibit polypharmacology against SARS-CoV-2 drug targets: in vitro validation of furin inhibition. <i>Phytotherapy Research</i> , 2021, 35, 908-919.	5.8	30
5	Alteration of ssRNA Torsion and Water Influx into ssRNA Pocket in K309A and S247A Mutations. <i>Current Computer-Aided Drug Design</i> , 2021, 17, 32-37.	1.2	0
6	Synergistic erythropoietic mechanisms of <i>Chromolaena odorata</i> and <i>Tithonia diversifolia</i> in the bone marrow of Wistar rats. <i>Comparative Clinical Pathology</i> , 2021, 30, 191-198.	0.7	2
7	Epstein-Barr virus, human papillomavirus and herpes simplex virus 2 co-presence severely dysregulates miRNA expression. <i>African Journal of Laboratory Medicine</i> , 2021, 10, 975.	0.6	6
8	Kolaflavanone, a biflavonoid derived from medicinal plant <i>Garcinia</i> , is an inhibitor of mitotic kinesin Eg5. <i>Journal of Biochemistry</i> , 2021, , .	1.7	1
9	Atomistic simulation reveals structural mechanisms underlying D614G spike glycoprotein-enhanced fitness in SARS-CoV-2. <i>Journal of Computational Chemistry</i> , 2020, 41, 2158-2161.	3.3	42
10	Genetic diversity in tomato accessions [<i>Solanum lycopersicum</i> (L.) H. Karst] from Nigeria employing morphological and SSR markers. <i>Plant Physiology Reports</i> , 2020, 25, 444-459.	1.5	2
11	<i>Chromolaena odorata</i> flavonoids attenuate experimental nephropathy: Involvement of pro-inflammatory genes downregulation. <i>Toxicology Reports</i> , 2020, 7, 1421-1427.	3.3	11
12	Kaempferol as a Potential PAK4 Inhibitor in Triple Negative Breast Cancer: Extra Precision Glide Docking and Free Energy Calculation. <i>Current Drug Discovery Technologies</i> , 2020, 17, 682-695.	1.2	10
13	705-modified ssRNA in complex with Lassa virus nucleoprotein exhibits nucleotide splaying and increased water influx into the RNA-binding pocket. <i>Chemical Biology and Drug Design</i> , 2019, 93, 544-555.	3.2	6
14	Flavonoid-rich extract of <i>Chromolaena odorata</i> modulate circulating GLP-1 in Wistar rats: computational evaluation of TGR5 involvement. <i>3 Biotech</i> , 2018, 8, 124.	2.2	28
15	Salient Aspects of PBP2A-inhibition; A QSAR Study. <i>Current Computer-Aided Drug Design</i> , 2018, 14, 363-369.	1.2	1
16	LPA1 extracellular loop residues 115 and 191 are not required for receptor activation but prevent Ki16425 super-antagonism. <i>RSC Advances</i> , 2016, 6, 55257-55265.	3.6	1
17	Energetics and protomer communication in the dynamical structure of S100A13 in free and protein-bound states. <i>Molecular Simulation</i> , 2016, 42, 874-881.	2.0	0
18	Lys39-Lysophosphatidate Carbonyl Oxygen Interaction Locks LPA1 N-terminal Cap to the Orthosteric Site and partners Arg124 During Receptor Activation. <i>Scientific Reports</i> , 2015, 5, 13343.	3.3	17

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19	Molecular dynamics study-based mechanism of nefiracetam-induced NMDA receptor potentiation. Computational Biology and Chemistry, 2015, 55, 14-22.	2.3	15
20	Evidence for ProTÎ±-TLR4/MD-2 binding: molecular dynamics and gravimetric assay studies. Expert Opinion on Biological Therapy, 2015, 15, 223-229.	3.1	12
21	Human furin Cys198 imposes dihedral and positional restraints on His194 for optimal Ser386-proton transfer. Journal of Biomolecular Structure and Dynamics, 2015, 33, 2442-2451.	3.5	0
22	Artocarpus altilis CG-901 alters critical nodes in the JH1-kinase domain of Janus kinase 2 affecting upstream JAK/STAT3 signaling. Journal of Molecular Modeling, 2015, 21, 280.	1.8	1
23	Ebola virus envelope glycoprotein derived peptide in human Furin-bound state: computational studies. Journal of Biomolecular Structure and Dynamics, 2015, 33, 461-470.	3.5	17
24	Methyl-methoxypyrrolinone and flavinium nucleus binding signatures on falcipain-2 active site. Journal of Molecular Modeling, 2014, 20, 2386.	1.8	15
25	InÂVitro Antioxidant Activity and Effect of Parkia biglobosa Bark Extract on Mitochondrial Redox Status. JAMS Journal of Acupuncture and Meridian Studies, 2014, 7, 202-210.	0.7	20
26	<scp>HDAC</scp> inhibitors restore <scp>C</scp>â€¢fibre sensitivity in experimental neuropathic pain model. British Journal of Pharmacology, 2013, 170, 991-998.	5.4	69
27	A Novel Unified Ab Initio and Template-Based Approach to GPCR Modeling: Case of EDG-LPA Receptors.. Current Bioinformatics, 2013, 8, 603-610.	1.5	3