

Mubarak A Alamri

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,239
citations

840776

11
h-index

501196

28
g-index

35
all docs

35
docs citations

35
times ranked

2293
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis of SARS-CoV-2 3CLpro and anti-COVID-19 drug discovery from medicinal plants. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 313-319.	5.3	721
2	Pharmacoinformatics and molecular dynamics simulation studies reveal potential covalent and FDA-approved inhibitors of SARS-CoV-2 main protease 3CL ^{pro} . <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 4936-4948.	3.5	103
3	Discovery of human coronaviruses pan-papain-like protease inhibitors using computational approaches. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 546-559.	5.3	67
4	Structure-based virtual screening and molecular dynamics of phytochemicals derived from Saudi medicinal plants to identify potential COVID-19 therapeutics. <i>Arabian Journal of Chemistry</i> , 2020, 13, 7224-7234.	4.9	43
5	Rafoxanide and Closantel Inhibit SPAK and OSR1 Kinases by Binding to a Highly Conserved Allosteric Site on Their C-terminal Domains. <i>ChemMedChem</i> , 2017, 12, 639-645.	3.2	40
6	Discovery of anti-MERS-CoV small covalent inhibitors through pharmacophore modeling, covalent docking and molecular dynamics simulation. <i>Journal of Molecular Liquids</i> , 2021, 330, 115699.	4.9	35
7	Structural insight into the binding pattern and interaction mechanism of chemotherapeutic agents with Sorcin by docking and molecular dynamic simulation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112098.	5.0	27
8	The Photosensitising Clinical Agent Verteporfin Is an Inhibitor of SPAK and OSR1 Kinases. <i>ChemBioChem</i> , 2018, 19, 2072-2080.	2.6	24
9	Pharmacoinformatics and molecular dynamic simulation studies to identify potential small-molecule inhibitors of WNK-SPAK/OSR1 signaling that mimic the RFQV motifs of WNK kinases. <i>Arabian Journal of Chemistry</i> , 2020, 13, 5107-5117.	4.9	18
10	Pharmacophore and docking-based sequential virtual screening for the identification of novel Sigma 1 receptor ligands. <i>Bioinformation</i> , 2019, 15, 586-595.	0.5	17
11	Anti-Diabetic Activity of Bioactive Compound Extracted from <i>Spondias mangifera</i> Fruit: In-Vitro and Molecular Docking Approaches. <i>Plants</i> , 2022, 11, 562.	3.5	14
12	Structural Elucidation of Rift Valley Fever Virus L Protein towards the Discovery of Its Potential Inhibitors. <i>Pharmaceuticals</i> , 2022, 15, 659.	3.8	13
13	Discovery of Rift Valley fever virus natural pan-inhibitors by targeting its multiple key proteins through computational approaches. <i>Scientific Reports</i> , 2022, 12, .	3.3	13
14	Synthesis, characterization, biological evaluation and molecular docking of a new quinazolinone-based derivative as a potent dual inhibitor for VEGFR-2 and EGFR tyrosine kinases. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 6810-6816.	3.5	12
15	Towards the Development of Small Molecule MO25 Binders as Potential Indirect SPAK/OSR1 Kinase Inhibitors. <i>ChemBioChem</i> , 2017, 18, 460-465.	2.6	9
16	Inhibition of Chikungunya Virus Infection by 4-Hydroxy-1-Methyl-3-(3-morpholinopropanoyl)quinoline-2(1 <i>H</i>)-one (QVIR) Targeting nsP2 and E2 Proteins. <i>ACS Omega</i> , 2021, 6, 9791-9803.	3.5	9
17	Synthesis, Anticancer Screening of Some Novel Trimethoxy Quinazolines and VEGFR2, EGFR Tyrosine Kinase Inhibitors Assay; Molecular Docking Studies. <i>Molecules</i> , 2021, 26, 2992.	3.8	9
18	WNK Signaling Inhibitors as Potential Antihypertensive Drugs. <i>ChemMedChem</i> , 2017, 12, 1677-1686.	3.2	8

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19	C-terminal phosphorylation of SPAK and OSR1 kinases promotes their binding and activation by the scaffolding protein MO25. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 1868-1873.	2.1	8
20	Novel and Potential Small Molecule Scaffolds as DYRK1A Inhibitors by Integrated Molecular Docking-Based Virtual Screening and Dynamics Simulation Study. <i>Molecules</i> , 2022, 27, 1159.	3.8	8
21	Sequence specific assignment and determination of OSR1 C-terminal domain structure by NMR. <i>Biochemical and Biophysical Research Communications</i> , 2019, 512, 338-343.	2.1	5
22	Computational screening of natural and natural-like compounds to identify novel ligands for sigma-2 receptor. SAR and QSAR in <i>Environmental Research</i> , 2020, 31, 837-856.	2.2	5
23	Spectrophotometric and spectrodensitometric quantification of a new antiviral combination. <i>Journal of Planar Chromatography - Modern TLC</i> , 2020, 33, 79-87.	1.2	4
24	Thymoquinone Induced Leishmanicidal Effect via Programmed Cell Death in <i>Leishmania donovani</i> . <i>ACS Omega</i> , 2022, 7, 10718-10728.	3.5	4
25	Analyzing the effect of mutations in SARS-CoV2 papain-like protease from Saudi isolates on protein structure and drug-protein binding: Molecular modelling and dynamics studies. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 526-533.	3.8	3
26	Anti-Obesity Action of <i>Boerhavia diffusa</i> in Rats against High-Fat Diet-Induced Obesity by Blocking the Cannabinoid Receptors. <i>Plants</i> , 2022, 11, 1158.	3.5	3
27	Adamantane-derived scaffolds targeting the sigma-2 receptor; an in vitro and in silico study. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 1166-1172.	2.7	2
28	Solid-phase extraction and validated spectrofluorimetric quantification of pamidronate in human plasma. <i>Tropical Journal of Pharmaceutical Research</i> , 2021, 19, 2651-2657.	0.3	1
29	Computational Exploration of Potential Polo-Like Kinase 1 Inhibitors as New Chemotherapeutic Agents. <i>Journal of Pharmaceutical Research International</i> , 0, , 18-30.	1.0	1
30	Fabrication of Sensitive Membrane Electrodes and their Application in Electrochemical Quantification of Ibandronate in Dosage Form. <i>Electroanalysis</i> , 2021, 33, 249-255.	2.9	0
31	Structure prediction of SPAK C-terminal domain and analysis of its binding to RFXV/I motifs by homology modelling, docking, and molecular dynamics simulation studies. <i>Current Computer-Aided Drug Design</i> , 2020, 16, 666-675.	1.2	0
32	Evaluation of <i>Haloxylon Persicum</i> Leaves Ethanolic Extract for Phytochemical, Antioxidant, Anticancer, and Antimicrobial Properties. <i>Current Topics in Nutraceutical Research</i> , 2021, 20, 424-430.	0.1	0