Faisal A Almalki

List of Publications by Year
in descending order

43 papers	938 citations	516710 16 h-index	526287 27 g-index
43 all docs	43 docs citations	43 times ranked	835 citing authors

#	Article	IF	Citations
1	In silico evaluation of molecular interactions between macrocyclic inhibitors with the HCV NS3 protease. Docking and identification of antiviral pharmacophore site. Journal of Biomolecular Structure and Dynamics, 2023, 41, 2260-2273.	3.5	12
2	How to face COVID-19: proposed treatments based on remdesivir and hydroxychloroquine in the presence of zinc sulfate. Docking/DFT/POM structural analysis. Journal of Biomolecular Structure and Dynamics, 2022, 40, 9429-9442.	3.5	20
3	In vitro potential antiviral SARS-CoV-19- activity of natural product thymohydroquinone and dithymoquinone from Nigella sativa. Bioorganic Chemistry, 2022, 120, 105587.	4.1	34
4	Pyrrolizine/indolizine-cinnamaldehyde Schiff bases: Design, synthesis, biological evaluation, ADME, and molecular docking study. European Journal of Medicinal Chemistry Reports, 2022, 4, 100036.	1.4	2
5	Synthesis, structural confirmation, antibacterial properties and bio-informatics computational analyses of new pyrrole based on 8-hydroxyquinoline. Journal of Molecular Structure, 2022, 1259, 132683.	3.6	37
6	Triazoles and Their Derivatives: Chemistry, Synthesis, and Therapeutic Applications. Frontiers in Molecular Biosciences, 2022, 9, 864286.	3.5	67
7	A Comprehensive Overview of Globally Approved JAK Inhibitors. Pharmaceutics, 2022, 14, 1001.	4.5	83
8	Synthesis, antimicrobial, molecular docking and molecular dynamics studies of lauroyl thymidine analogs against SARS-CoV-2: POM study and identification of the pharmacophore sites. Bioorganic Chemistry, 2022, 125, 105850.	4.1	13
9	Synthesis, antimicrobial, SAR, PASS, molecular docking, molecular dynamics and pharmacokinetics studies of 5â€²-O-uridine derivatives bearing acyl moieties: POM study and identification of the pharmacophore sites. Nucleosides, Nucleotides and Nucleic Acids, 2022, 41, 1036-1083.	1.1	11
10	Crystallographic study, biological assessment and POM/Docking studies of pyrazoles-sulfonamide hybrids (PSH): Identification of a combined Antibacterial/Antiviral pharmacophore sites leading to in-silico screening the anti-Covid-19 activity. Journal of Molecular Structure, 2022, 1267, 133605.	3.6	26
11	Synthesis, biological activity and POM/DFT/docking analyses of annulated pyrano[2,3-d]pyrimidine derivatives: Identification of antibacterial and antitumor pharmacophore sites. Bioorganic Chemistry, 2021, 106, 104480.	4.1	62
12	Synthesis and antimicrobial activity evaluation of some new 7-substituted quinolin-8-ol derivatives: POM analyses, docking, and identification of antibacterial pharmacophore sites. Chemical Data Collections, 2021, 31, 100593.	2.3	9
13	Petra/Osiris/Molinspiration and Molecular Docking Analyses of 3-Hydroxy-Indolin-2-one Derivatives as Potential Antiviral Agents. Current Computer-Aided Drug Design, 2021, 17, 123-133.	1.2	26
14	Medicinal Applications of Cannabinoids Extracted from Cannabis sativa (L.): A New Route in the Fight Against COVID-19?. Current Pharmaceutical Design, 2021, 27, 1564-1578.	1.9	11
15	In Silico Approach Using Free Software to Optimize the Antiproliferative Activity and Predict the Potential Mechanism of Action of Pyrrolizine-Based Schiff Bases. Molecules, 2021, 26, 4002.	3.8	9
16	Icotinib, Almonertinib, and Olmutinib: A 2D Similarity/Docking-Based Study to Predict the Potential Binding Modes and Interactions into EGFR. Molecules, 2021, 26, 6423.	3.8	3
17	Pyrrolizine/Indolizine-NSAID Hybrids: Design, Synthesis, Biological Evaluation, and Molecular Docking Studies. Molecules, 2021, 26, 6582.	3.8	6
18	Synthesis, characterization, X-Ray crystal study and bioctivities of pyrazole derivatives: Identification of antitumor, antifungal and antibacterial pharmacophore sites. Journal of Molecular Structure, 2020, 1205, 127625.	3.6	43

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19	Identification of novel selective Mtbâ€DHFR inhibitors as antitubercular agents through structureâ€based computational techniques. Archiv Der Pharmazie, 2020, 353, e1900287.	4.1	7
20	Mining of potential dipeptidyl peptidase-IV inhibitors as anti-diabetic agents using integrated in silico approaches. Journal of Biomolecular Structure and Dynamics, 2020, 38, 5349-5361.	3.5	3
21	Immunoinformatics-guided design of an epitope-based vaccine against severe acute respiratory syndrome coronavirus 2 spike glycoprotein. Computers in Biology and Medicine, 2020, 124, 103967.	7.0	62
22	Association between graduates' factors and success rate on the Saudi Pharmacist Licensure Examination: A single-Institution cross-sectional study. Saudi Pharmaceutical Journal, 2020, 28, 1830-1833.	2.7	7
23	New Heterocyclic Compounds Based on Pyridazinones Scaffold as Efficient Inhibitor of Corrosion of Mild Steel in Acidic Solution 1ÂM HCl. Journal of Bio- and Tribo-Corrosion, 2020, 6, 1.	2.6	15
24	Synthesis, X-ray crystallographic study and molecular docking of new Î±-sulfamidophosphonates: POM analyses of their cytotoxic activity. Journal of Molecular Structure, 2020, 1210, 127990.	3.6	34
25	Mechanistic investigations on Pinnick oxidation: a density functional theory study. Royal Society Open Science, 2020, 7, 191568.	2.4	7
26	Methyleneâ€bearing sulfurâ€containing cyanopyrimidine derivatives for treatment of cancer: Partâ€II. Archiv Der Pharmazie, 2020, 353, e1900333.	4.1	13
27	Effect of different remineralizing agents on the initial carious lesions â€“ A comparative study. Saudi Dental Journal, 2020, 32, 390-395.	1.6	14
28	Probing inclusion complexes of 2-hydroxypropyl-Î²-cyclodextrin with mono-amino mono-carboxylic acids: physicochemical specification, characterization and molecular modeling. Heliyon, 2020, 6, e03360.	3.2	5
29	DFT calculations and POM analyses of cytotoxicity of some flavonoids from aerial parts of Cupressus sempervirens: Docking and identification of pharmacophore sites. Bioorganic Chemistry, 2020, 100, 103850.	4.1	16
30	Psoralen Derivatives: Recent Advances of Synthetic Strategy and Pharmacological Properties. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2020, 19, 222-239.	1.1	15
31	Total synthesis of polymorphatin A, a macrocyclic bisbibenzyl with boat configured arenes. Tetrahedron, 2020, 76, 131521.	1.9	1
32	Computational assessments of diastereoselective [4+2] cycloaddition and 1,3-borotopic shift of a dearomatized tertiary boronic ester intermediate: reactivities explained through transition-state distortion energies. RSC Advances, 2019, 9, 23148-23155.	3.6	2
33	QbD approached comparison of reaction mechanism in microwave synthesized gold nanoparticles and their superior catalytic role against hazardous nirtoâ€dye. Applied Organometallic Chemistry, 2019, 33, e5071.	3.5	21
34	Synthesis, DFT and POM analyses of cytotoxicity activity of Î±-amidophosphonates derivatives: Identification of potential antiviral O,O-pharmacophore site. Journal of Molecular Structure, 2019, 1197, 196-203.	3.6	59
35	Synthesis of new heterocyclic systems oxazino derivatives of 8-Hydroxyquinoline: Drug design and POM analyses of substituent effects on their potential antibacterial properties. Chemical Data Collections, 2019, 24, 100306.	2.3	22
36	Synthesis, antibacterial properties and bioinformatics computational analyses of novel 8-hydroxyquinoline derivatives. Heliyon, 2019, 5, e02689.	3.2	35

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37	Arylpropionic acid-derived NSAIDs: New insights on derivatization, anticancer activity and potential mechanism of action. Bioorganic Chemistry, 2019, 92, 103224.	4.1	24
38	Carprofen: a theoretical mechanistic study to investigate the impact of hydrophobic interactions of alkyl groups on modulation of COX-1/2 binding selectivity. SN Applied Sciences, 2019, 1, 1.	2.9	14
39	QbD Applications for the Development of Nanopharmaceutical Products. , 2019, , 229-253.		26
40	New organic extractant based on pyridazinone scaffold compounds: Liquid-liquid extraction study and DFT calculations. Journal of Molecular Structure, 2019, 1191, 24-31.	3.6	16
41	A comprehensive review on synthesis, characterization, and applications of polydimethylsiloxane and copolymers. International Journal of Plastics Technology, 2019, 23, 261-282.	3.1	21
42	Antibacterial activity of synthetic pyrido[2,3-d]pyrimidines armed with nitrile groups: POM analysis and identification of pharmacophore sites of nitriles as important pro-drugs. New Journal of Chemistry, 2018, 42, 15610-15617.	2.8	14
43	A Coreyâ€“Seebach Macrocyclisation Strategy for the Synthesis of Riccardin C and an Unnatural Macrocyclic Bis(bibenzyl) Analogue. European Journal of Organic Chemistry, 2016, 2016, 5738-5746.	2.4	11