Ruqaiya Khalil

List of Publications by Year
in descending order

27	397	687220 13	794469 19
papers	citations	h-index	g-index

27	27	27	555
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Catalytic asymmetric synthesis of indole derivatives as novel Î±-glucosidase inhibitors in vitro. Bioorganic Chemistry, 2018, 79, 350-354.	2.0	44
2	Î±-Glucosidase inhibitory effect of rhinacanthins-rich extract from Rhinacanthus nasutus leaf and synergistic effect in combination with acarbose. Journal of Functional Foods, 2017, 36, 325-331.	1.6	43
3	Synthesis of pyrimidine-2,4,6-trione derivatives: Anti-oxidant, anti-cancer, Î±-glucosidase, Î²-glucuronidase inhibition and their molecular docking studies. Bioorganic Chemistry, 2016, 68, 72-79.	2.0	42
4	Synthesis, and In Vitro and In Silico Î±-Glucosidase Inhibitory Studies of 5-Chloro-2-Aryl Benzo[d]thiazoles. Bioorganic Chemistry, 2018, 78, 269-279.	2.0	28
5	Synthesis of thiobarbituric acid derivatives: In vitro Î± -glucosidase inhibition and molecular docking studies. Bioorganic Chemistry, 2017, 75, 99-105.	2.0	25
6	Anti-hyperglycemic and anti-hyperlipidemic effects of rhinacanthins-rich extract from Rhinacanthus nasutus leaves in nicotinamide-streptozotocin induced diabetic rats. Biomedicine and Pharmacotherapy, 2019, 113, 108702.	2.5	25
7	Probing sulphamethazine and sulphamethoxazole based Schiff bases as urease inhibitors; synthesis, characterization, molecular docking and ADME evaluation. Bioorganic Chemistry, 2020, 105, 104336.	2.0	22
8	Superoxide scavenging and antiglycation activity of rhinacanthins-rich extract obtained from the leaves of Rhinacanthus nasutus. Pharmacognosy Magazine, 2017, 13, 652.	0.3	19
9	Biomolecular interactions of amphotericin B nanomicelles with serum albumins: A combined biophysical and molecular docking approach. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 205, 442-456.	2.0	17
10	Biology-oriented drug synthesis (BIODS), in vitro urease inhibitory activity, and in silico studies on ibuprofen derivatives. Molecular Diversity, 2021, 25, 143-157.	2.1	17
11	2-Mercapto Benzothiazole Derivatives: As Potential Leads for the Diabetic Management. Medicinal Chemistry, 2020, 16, 826-840.	0.7	17
12	Bioactivity, Safety, and Efficacy of Amphotericin B Nanomicellar Aerosols Using Sodium Deoxycholate Sulfate as the Lipid Carrier. AAPS PharmSciTech, 2018, 19, 2077-2086.	1.5	16
13	Benzylidine indane-1,3-diones: As novel urease inhibitors; synthesis, in vitro, and in silico studies. Bioorganic Chemistry, 2018, 81, 658-671.	2.0	14
14	Pharmacologically Safe Nanomicelles of Amphotericin B With Lipids: Nuclear Magnetic Resonance and Molecular Docking Approach. Journal of Pharmaceutical Sciences, 2017, 106, 3574-3582.	1.6	12
15	Exploring Novel N-Myristoyltransferase Inhibitors: A Molecular Dynamics Simulation Approach. ACS Omega, 2019, 4, 13658-13670.	1.6	11
16	Potential of sodium deoxycholate sulfate as a carrier for polymyxin B: Physicochemical properties, bioactivity and in vitro safety. Journal of Drug Delivery Science and Technology, 2020, 58, 101779.	1.4	10
17	Characterization of cryptic allosteric site at IL-4RÎ±: New paradigm towards IL-4/IL-4R inhibition. International Journal of Biological Macromolecules, 2019, 123, 239-245.	3.6	7
18	Effect of sodium deoxycholate sulfate on outer membrane permeability and neutralization of bacterial lipopolysaccharides by polymyxin B formulations. International Journal of Pharmaceutics, 2020, 581, 119265.	2.6	7

#	Article	IF	Citations
19	Bio-oriented synthesis of new sulphadiazine derivatives for urease inhibition and their pharmacokinetic analysis. Scientific Reports, 2021, 11, 18973.	1.6	7
20	Computational Overview of Mycobacterial Thymidine Monophosphate Kinase. Current Pharmaceutical Design, 2020, 26, 1676-1681.	0.9	4
21	Molecular Dynamics Simulations Reveal the Proton:Peptide Coupling Mechanism in the Bacterial Proton-Coupled Oligopeptide Transporter YbgH. ACS Omega, 2019, 4, 2040-2046.	1.6	3
22	Virtual Screening, Synthesis and Biological Evaluation of Streptococcus mutans Mediated Biofilm Inhibitors. Molecules, 2022, 27, 1455.	1.7	3
23	Probing the mechanism of peptide binding to REV response element RNA of HIV-1; MD simulations and free energy calculations. Journal of Biomolecular Structure and Dynamics, 2022, 40, 4399-4408.	2.0	2
24	Structure-Based Virtual Screening to Identify Negative Allosteric Modulators of NMDA. Medicinal Chemistry, 2022, 18, .	0.7	2
25	Site-directed Fragnomics and MD Simulations Approaches to Identify Interleukin-2 Inhibitors. Medicinal Chemistry, 2021, 17, 407-417.	0.7	0
26	Formulation and optimization of dimenhydrinate emulgels for topical delivery using response surface methodology. Pakistan Journal of Pharmaceutical Sciences, 2021, 34, 245-255.	0.2	0
27	Structure-Based Discovery of Potent Staphylococcus aureus Thymidylate Kinase Inhibitors by Virtual Screening. Medicinal Chemistry, 2023, 19, 75-90.	0.7	0