

Obaid Afzal

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56

papers

888

citations

12

h-index

29

g-index

70

ext. papers

1,150

ext. citations

3.7

avg, IF

4.26

L-index

#	Paper	IF	Citations
56	Drug Delivery Challenges and Current Progress in Nanocarrier-Based Ocular Therapeutic System.. <i>Gels</i> , 2022 , 8,	4.2	9
55	Nuclear factor-kappa B (NF- κ B) inhibition as a therapeutic target for plant nutraceuticals in mitigating inflammatory lung diseases.. <i>Chemico-Biological Interactions</i> , 2022 , 354, 109842	5	5
54	Preferential solvation study of (Z)-N-benzyl-2-{5-(4-hydroxybenzylidene)-2,4-dioxothiazolidin-3-yl}acetamide (3) in {NMP + Water } co-solvent mixture and GastroPlus software based in vitro simulation. <i>Journal of Molecular Liquids</i> , 2022 , 348, 118181	6	1
53	Preferential Solvation Study of the Synthesized Aldose Reductase Inhibitor (SE415) in the {PEG 400 (1) + Water (2)} Cosolvent Mixture and GastroPlus-Based Prediction.. <i>ACS Omega</i> , 2022 , 7, 1197-1210	3.9	2
52	Thymoquinone Induced Leishmanicidal Effect via Programmed Cell Death in .. <i>ACS Omega</i> , 2022 , 7, 10718-10728	3.9	1
51	Gut Microbiota Disruption in COVID-19 or Post-COVID Illness Association with severity biomarkers: A Possible Role of Pre / Pro-biotics in manipulating microflora.. <i>Chemico-Biological Interactions</i> , 2022 , 358, 109898	5	6
50	Water/transcutol/lecithin/MB12 green cationic nanoemulsion to treat oxytetracycline contaminated aqueous bulk solution. <i>Journal of Molecular Liquids</i> , 2022 , 357, 119154	6	1
49	EGF-functionalized lipid-polymer hybrid nanoparticles of 5-fluorouracil and sulforaphane with enhanced bioavailability and anticancer activity against colon carcinoma. <i>Biotechnology and Applied Biochemistry</i> , 2021 ,	2.8	2
48	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> , 2021 , 17, 666-675	1.4	
47	Mechanisms Involved in Microglial-Interceded Alzheimer's Disease and Nanocarrier-Based Treatment Approaches. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	2
46	A review on epidermal growth factor receptor's role in breast and non-small cell lung cancer. <i>Chemico-Biological Interactions</i> , 2021 , 351, 109735	5	3
45	Inhibition of Chikungunya Virus Infection by 4-Hydroxy-1-Methyl-3-(3-morpholinopropanoyl)quinoline-2(1)-one (QVIR) Targeting nsP2 and E2 Proteins. <i>ACS Omega</i> , 2021 , 6, 9791-9803	3.9	2
44	Analgesic and Anticancer Activity of Benzoxazole Clubbed 2-Pyrrolidinones as Novel Inhibitors of Monoacylglycerol Lipase. <i>Molecules</i> , 2021 , 26,	4.8	2
43	BENZIMIDAZOLE MOLECULE HYBRID WITH OXADIAZOLE RING AS ANTIPROLIFERATIVE AGENTS: IN-SILICO ANALYSIS, SYNTHESIS AND BIOLOGICAL EVALUATION. <i>Journal of the Chilean Chemical Society</i> , 2021 , 66, 5164-5182	2.5	2
42	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	6	13
41	Application of green nanoemulsion to treat contaminated water (bulk aqueous solution) with azithromycin. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 61696-61706	5.1	4
40	Systematic Development and Validation of a RP-HPLC Method for Estimation of Abiraterone Acetate and its Degradation Products. <i>Journal of Chromatographic Science</i> , 2021 , 59, 79-87	1.4	0

39	Neuroprotective role of chrysin-loaded poly(lactic-co-glycolic acid) nanoparticle against kindling-induced epilepsy through Nrf2/ARE/HO-1 pathway. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021 , 35, e22634	3.4	10
38	Diosmin-loaded solid nanoparticles as nano-antioxidant therapy for management of hepatocellular carcinoma: QbD-based optimization, in vitro and in vivo evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 61, 102213	4.5	3
37	Implications of phospholipid-based nanomixed micelles of olmesartan medoxomil with enhanced lymphatic drug targeting ability and systemic bioavailability. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 62, 102273	4.5	2
36	Crotamiton-loaded tea tree oil containing phospholipid-based microemulsion hydrogel for scabies treatment: , evaluation, and dermatokinetic studies. <i>Drug Delivery</i> , 2021 , 28, 1972-1981	7	1
35	Development and validation of a new UPLC-MS/MS method for quantification of ganoderic acid-A loaded nanolipidic carrier in rat plasma and application to pharmacokinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021 , 1163, 122501	3.2	1
34	Development and Validation of Chemometrics-Assisted Green UPLC-MS/MS Bioanalytical Method for Simultaneous Estimation of Capecitabine and Lapatinib in Rat Plasma. <i>Journal of Chromatographic Science</i> , 2021 ,	1.4	2
33	Eco-friendly stability-indicating RP-HPTLC method for sildenafil analysis, characterization and biological evaluation of its oxidized stress degradation product. <i>Scientific Reports</i> , 2021 , 11, 15358	4.9	0
32	Nano lipidic carriers for codelivery of sorafenib and ganoderic acid for enhanced synergistic antitumor efficacy against hepatocellular carcinoma. <i>Saudi Pharmaceutical Journal</i> , 2021 , 29, 843-856	4.4	4
31	Fabrication of Membrane Sensitive Electrodes for the Validated Electrochemical Quantification of Anti-Osteoporotic Drug Residues in Pharmaceutical Industrial Wastewater. <i>Molecules</i> , 2021 , 26,	4.8	1
30	Systematic development of lectin conjugated microspheres for nose-to-brain delivery of rivastigmine for the treatment of Alzheimer's disease. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 141, 111829	7.5	5
29	Biocompatible solvent selection based on thermodynamic and computational solubility models, in-silico GastroPlus prediction, and cellular studies of ketoconazole for subcutaneous delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 65, 102699	4.5	2
28	Carbon nanotubes as an emerging nanocarrier for the delivery of doxorubicin for improved chemotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 208, 112044	6	20
27	Pyrrolidin-2-one linked benzofused heterocycles as novel small molecule monoacylglycerol lipase inhibitors and antinociceptive agents. <i>Chemical Biology and Drug Design</i> , 2020 , 96, 1418-1432	2.9	4
26	Cardioprotective Effect of Tangeretin by Inhibiting PTEN/AKT/mTOR Axis in Experimental Sepsis-Induced Myocardial Dysfunction. <i>Molecules</i> , 2020 , 25,	4.8	2
25	Cationic Solid Lipid Nanoparticles of Resveratrol for Hepatocellular Carcinoma Treatment: Systematic Optimization, in vitro Characterization and Preclinical Investigation. <i>International Journal of Nanomedicine</i> , 2020 , 15, 9283-9299	7.3	12
24	Computational screening of natural and natural-like compounds to identify novel ligands for sigma-2 receptor. <i>SAR and QSAR in Environmental Research</i> , 2020 , 31, 837-856	3.5	2
23	Systematic development of a bioanalytical UPLC-MS/MS method for estimation of risperidone and its active metabolite in long-acting microsphere formulation in rat plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1160, 122433	3.2	2
22	Cationic self-nanoemulsifying formulations of tamoxifen with improved biopharmaceutical attributes and anticancer activity: Systematic development and evaluation. <i>Journal of Molecular Liquids</i> , 2020 , 320, 114534	6	1

21	Edaravone and benidipine protect myocardial damage by regulating mitochondrial stress, apoptosis signalling and cardiac biomarkers against doxorubicin-induced cardiotoxicity. <i>Clinical and Experimental Hypertension</i> , 2020 , 42, 381-392	2.2	9
20	Development of Thiazole-5-carboxylate Derivatives as Selective Inhibitors of Monoacylglycerol Lipase as Target in Cancer. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019 , 19, 410-423	3.2	3
19	2-Benzamido-4-methylthiazole-5-carboxylic Acid Derivatives as Potential Xanthine Oxidase Inhibitors and Free Radical Scavengers. <i>Archiv Der Pharmazie</i> , 2017 , 350, 1600313	4.3	11
18	Development of 2-(Substituted Benzylamino)-4-Methyl-1, 3-Thiazole-5-Carboxylic Acid Derivatives as Xanthine Oxidase Inhibitors and Free Radical Scavengers. <i>Chemical Biology and Drug Design</i> , 2016 , 87, 508-16	2.9	23
17	Hit to lead optimization of a series of N-[4-(1,3-benzothiazol-2-yl)phenyl]acetamides as monoacylglycerol lipase inhibitors with potential anticancer activity. <i>European Journal of Medicinal Chemistry</i> , 2016 , 121, 318-330	6.8	15
16	A review on anticancer potential of bioactive heterocycle quinoline. <i>European Journal of Medicinal Chemistry</i> , 2015 , 97, 871-910	6.8	431
15	In-vitro antimicrobial screening and molecular docking studies of synthesized 2-chloro-N-(4-phenylthiazol-2-yl)acetamide derivatives. <i>Drug Development and Therapeutics</i> , 2015 , 6, 79		4
14	Synthesis and antitubercular screening of [(2-chloroquinolin-3-yl)methyl] thiocarbamide derivatives. <i>Chemical Biology and Drug Design</i> , 2014 , 84, 522-30	2.9	
13	Design and synthesis of pyrimidine molecules endowed with thiazolidin-4-one as new anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2014 , 83, 630-45	6.8	31
12	Docking based virtual screening and molecular dynamics study to identify potential monoacylglycerol lipase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 3986-96	2.9	19
11	3D-QSAR study of benzotriazol-1-yl carboxamide scaffold as monoacylglycerol lipase inhibitors. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2014 , 6, 260-6	1.1	1
10	Antimicrobial screening and one-pot synthesis of 4-(substituted-anilinomethyl)-3-(2-naphthyl)-1-phenyl-1H-pyrazole derivatives. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2014 , 6, 253-9	1.1	5
9	Design, Synthesis and Evaluation of Novel 2-piperidinyl Quinoline Chalcones/ Amines as Potential Antidepressant Agents. <i>Letters in Drug Design and Discovery</i> , 2013 , 10, 75-85	0.8	6
8	Synthesis and pharmacological evaluation of pyrazolo[4,3-c]cinnoline derivatives as potential anti-inflammatory and antibacterial agents. <i>European Journal of Medicinal Chemistry</i> , 2012 , 57, 176-84	6.8	38
7	Anti-diabetic potential of ursolic acid stearyl glucoside: a new triterpenic glycosidic ester from <i>Lantana camara</i> . <i>Phytotherapy</i> , 2012 , 83, 142-6	3.2	54
6	Anti-inflammatory and analgesic potential of a novel steroidal derivative from <i>Bryophyllum pinnatum</i> . <i>Phytotherapy</i> , 2012 , 83, 853-8	3.2	44
5	N?-{[2-(Piperidin-1-yl)quinolin-3-yl]methylene}pyridine-4-carbohydrazide. <i>MolBank</i> , 2012 , 2012, M748	0.5	1
4	1-(8-Chloro-3-methyl-1H-pyrazolo[4,3-c]cinnolin-1-yl)-2-(2-chlorophenyl)ethanone. <i>MolBank</i> , 2011 , 2011, M744	0.5	

3	Antidepressant potential of nitrogen-containing heterocyclic moieties: An updated review. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2011 , 3, 194-212	1.1	47
2	ContPro: A web tool for calculating amino acid contact distances in protein from 3D -structures at different distance threshold. <i>Bioinformatics</i> , 2010 , 5, 55-7	1.1	10
1	Ultrasonic-Mediated Green Synthesis of Novel S-Arylated-Pyridopyrimidines and Antimicrobial Evaluation against Escherichia coli and Staphylococcus aureus. <i>Polycyclic Aromatic Compounds</i> , 1-8	1.3	1