

Mashooq Ahmad Bhat

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

1,514
citations

361296

20
h-index

377752

34
g-index

89
all docs

89
docs citations

89
times ranked

1829
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization, molecular modeling against EGFR target and ADME/T analysis of novel purine derivatives of sulfonamides. <i>Journal of Molecular Structure</i> , 2022, 1257, 132600.	1.8	21
2	Facile synthesis and anticancer activity of novel dihydropyrimidinone derivatives. <i>Polish Journal of Chemical Technology</i> , 2022, 24, 23-28.	0.3	5
3	Determination of anticancer potential of a novel pharmacologically active thiosemicarbazone derivative against colorectal cancer cell lines. <i>Saudi Pharmaceutical Journal</i> , 2022, 30, 815-824.	1.2	6
4	Synthesis, molecular modelling and antibacterial activity of 4-aryl-thiosemicarbazides. <i>Polish Journal of Chemical Technology</i> , 2022, 24, 39-46.	0.3	0
5	Sulindac acetohydrazide derivative attenuates against cisplatin induced organ damage by modulation of antioxidant and inflammatory signaling pathways. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
6	Preferential solvation of 4-(4-ethoxyphenyl)-5-(3,4,5-trimethoxybenzoyl)-3,4-dihydropyrimidin-2(1 <i>H</i>)-one in {PEG 400 (1) + water (2)} mixtures. <i>Physics and Chemistry of Liquids</i> , 2021, 59, 423-430.	0.4	6
7	Synthesis, thermogravimetric, and spectroscopic characterizations of three palladium metal(II) ofloxacin drug and amino acids mixed ligand complexes as advanced antimicrobial materials. <i>Journal of Molecular Structure</i> , 2021, 1225, 129102.	1.8	12
8	Application of Nanosized Zeolite X Modified with Glutamic Acid as a Novel Composite for the Efficient Removal of Co(II) ions from Aqueous Media. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 2105-2115.	1.9	2
9	Molecular docking, pharmacokinetic studies, and in vivo pharmacological study of indole derivative 2-(5-methoxy-2-methyl-1 <i>H</i> -indole-3-yl)- <i>N</i> -(<i>E</i>)-(3-nitrophenyl) methylidene] acetohydrazide as a promising chemoprotective agent against cisplatin induced organ damage. <i>Scientific Reports</i> , 2021, 11, 6245.	1.6	17
10	<i>N</i> ¹ -1, 3-Benzenedicarbonyl-Bis-(Amino Acid) and Dipeptide Candidates: Synthesis, Cytotoxic, Antimicrobial and Molecular Docking Investigation. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 1315-1332.	2.0	11
11	A potential anticancer dihydropyrimidine derivative and its protein binding mechanism by multispectroscopic, molecular docking and molecular dynamic simulation along with its in-silico toxicity and metabolic profile. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 158, 105686.	1.9	47
12	Enhanced Efficacy of Thiosemicarbazone Derivative-Encapsulated Fibrin Liposomes against Candidiasis in Murine Model. <i>Pharmaceutics</i> , 2021, 13, 333.	2.0	3
13	Potential cytotoxicity of silver nanoparticles: Stimulation of autophagy and mitochondrial dysfunction in cardiac cells. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 2762-2771.	1.8	10
14	ChCl: Gly (DESS) Promote Environmentally Benign Synthesis of Xanthene Derivatives and Their Antitubercular Activity. <i>Molecules</i> , 2021, 26, 3667.	1.7	12
15	Pomegranate peel induced biogenic synthesis of silver nanoparticles and their multifaceted potential against intracellular pathogen and cancer. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4191-4200.	1.8	31
16	Synthesis of Novel Sulfamethoxazole 4-Thiazolidinone Hybrids and Their Biological Evaluation. <i>Molecules</i> , 2020, 25, 3570.	1.7	13
17	Synthesis of Novel Diclofenac Hydrazones: Molecular Docking, Anti-Inflammatory, Analgesic, and Ulcerogenic Activity. <i>Journal of Chemistry</i> , 2020, 2020, 1-12.	0.9	6
18	Fabrication of microfluidic device for Aflatoxin M1 detection in milk samples with specific aptamers. <i>Scientific Reports</i> , 2020, 10, 4627.	1.6	37

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19	Biginelli Synthesis of Novel Dihydropyrimidinone Derivatives Containing Phthalimide Moiety. Journal of Chemistry, 2020, 2020, 1-5.	0.9	5
20	Novel sulindac derivatives: synthesis, characterisation, evaluation of antioxidant, analgesic, anti-inflammatory, ulcerogenic and COX-2 inhibition activity. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 921-934.	2.5	15
21	Biological Evaluation and Molecular Docking with In Silico Physicochemical, Pharmacokinetic and Toxicity Prediction of Pyrazolo[1,5-a]pyrimidines. Molecules, 2020, 25, 1431.	1.7	20
22	Synthesis, Spectroscopic, and Antimicrobial Study of Binary and Ternary Ruthenium(III) Complexes of Ofloxacin Drug and Amino Acids as Secondary Ligands. Crystals, 2020, 10, 225.	1.0	4
23	[Et3NH][HSO4]-mediated efficient synthesis of novel xanthene derivatives and their biological evaluation. Journal of Saudi Chemical Society, 2020, 24, 425-433.	2.4	7
24	Synthesis, Characterization, and Anti-diabetic Activity of Some Novel Vanadium-Folate-Amino Acid Materials. Biomolecules, 2020, 10, 781.	1.8	8
25	<p>Synthesis and antihepatotoxic activity of dihydropyrimidinone derivatives linked with 1,4-benzodioxane</p>. Drug Design, Development and Therapy, 2019, Volume 13, 2393-2404.	2.0	12
26	Synthesis and Characterization of Novel Biginelli Dihydropyrimidinone Derivatives Containing Imidazole Moiety. Journal of Chemistry, 2019, 2019, 1-7.	0.9	5
27	Evaluation of Biophysical Interaction between Newly Synthesized Pyrazoline Pyridazine Derivative and Bovine Serum Albumin by Spectroscopic and Molecular Docking Studies. Journal of Spectroscopy, 2019, 2019, 1-12.	0.6	41
28	Molecular docking and experimental investigation of new indole derivative cyclooxygenase inhibitor to probe its binding mechanism with bovine serum albumin. Bioorganic Chemistry, 2019, 89, 103010.	2.0	45
29	<p>Synthesis of a vanadyl (IV) folate complex for the treatment of diabetes: spectroscopic, structural, and biological characterization</p>. Drug Design, Development and Therapy, 2019, Volume 13, 1409-1420.	2.0	7
30	Synthesis and Biological Evaluations of a Novel Oxidovanadium(IV) Adenosine Monophosphate Complex as Anti-Diabetic Agent. Crystals, 2019, 9, 208.	1.0	4
31	Design and Synthesis of Novel Thiosemicarbazones as Potent Anti-breast Cancer Agents. Letters in Drug Design and Discovery, 2019, 16, 446-452.	0.4	4
32	Enaminone-Derived Pyrazoles with Antimicrobial Activity. Journal of Chemistry, 2019, 2019, 1-10.	0.9	7
33	Synthesis, characterization and antidiabetic effects of vanadyl(II) adenosine monophosphate amino acid mixed-ligand complexes. Future Medicinal Chemistry, 2019, 11, 193-210.	1.1	4
34	Potent Activity of a Novel Vanadyl (IV)-Vitamin D₃ Complex Against Streptozotocin-Induced Diabetes in Rats: Synthesis, Characterization and Biological Assessments. Journal of Biobased Materials and Bioenergy, 2019, 13, 820-829.	0.1	2
35	A Novel Oxidovanadium (IV)-Orotate Complex as an Alternative Antidiabetic Agent: Synthesis, Characterization, and Biological Assessments. BioMed Research International, 2018, 2018, 1-11.	0.9	8
36	Synthesis and <i>in vivo</i> anti-ulcer evaluation of some novel piperidine linked dihydropyrimidinone derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 978-988.	2.5	20

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37	Indole Derivatives as Cyclooxygenase Inhibitors: Synthesis, Biological Evaluation and Docking Studies. <i>Molecules</i> , 2018, 23, 1250.	1.7	30
38	A One-Pot Biginelli Synthesis and Characterization of Novel Dihydropyrimidinone Derivatives Containing Piperazine/Morpholine Moiety. <i>Molecules</i> , 2018, 23, 1559.	1.7	17

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55	Targeting HER-2 over expressed breast cancer cells with 2-cyclohexyl-N-[(Z)-(substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Chemistry Letters, 2015, 25, 83-87.	1.0	13
56	Synthesis and antitumor activity of 4-cyclohexyl/aryl-5-(pyridin-4-yl)-2,4-dihydro-3H-1,2,4-triazole-3-thiones. Medicinal Chemistry Research, 2015, 24, 1558-1567.	1.1	15
57	New and Efficient Synthesis of N-(4-Substituted phenyl)-5-(pyridin-4-yl)-1,3,4-oxadiazol-2-amines. Asian Journal of Chemistry, 2014, 26, 8483-8487.	0.1	2
58	Microwave-Assisted Synthesis and Characterization of Certain Oximes, Hydrazones, and Olefins Derived from α -Keto Sulfoxes. Journal of Chemistry, 2014, 2014, 1-6.	0.9	5
59	Synthesis of New [1,2,4]Triazolo[3,4- <i>b</i>][1,3,4]thiadiazines and Study of Their Anti-Candidal and Cytotoxic Activities. Journal of Chemistry, 2014, 2014, 1-7.	0.9	6
60	Solubility of (2 <i>Z</i>)- <i>N</i> -Cyclohexyl-2-(3-hydroxybenzylidene) Hydrazine Carbothioamide in Different Pure Solvents at (298.15 to 338.15) K. Journal of Chemical & Engineering Data, 2014, 59, 2126-2130.	1.0	11
61	Solubility and dissolution thermodynamics of N-(4-chlorophenyl)-2-(pyridin-4-ylcarbonyl)hydrazinecarbothioamide in PG+water co-solvent mixtures at (298.15 to 338.15)K. Thermochemica Acta, 2014, 593, 37-42.	1.2	9
62	Cyclodesulfurization of Substituted Thiosemicarbazides into 1,3,4-Oxadiazoles via Hydrazonoyl Chlorides. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 1328-1336.	0.8	1
63	Solubility of <i>N</i> -(4-Chlorophenyl)-2-(pyridin-4-ylcarbonyl)hydrazinecarbothioamide (Isoniazid) Tj ETQq1 1 0.784314 rgBT /Overlock Engineering Data, 2014, 59, 1727-1732.	1.0	23
64	Synthesis and anti-Candidal activity of N-(4-aryl/cyclohexyl)-2-(pyridine-4-yl carbonyl) hydrazinecarbothioamide. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1299-1302.	1.0	19
65	Solubility of <i>N</i> -(4-Chlorophenyl)-2-(pyridin-4-ylcarbonyl)hydrazinecarbothioamide (Isoniazid) Tj ETQq1 1 0.784314 rgBT /Overlock 2014, 59, 2660-2664.	1.0	15
66	Solubility and dissolution thermodynamics of (2 <i>Z</i>)- <i>N</i> -cyclohexyl-2-(3-hydroxybenzylidene) hydrazine carbothioamide in 2-(2-ethoxyethoxy)ethanol+water mixtures at (298.15 to 338.15) K. Journal of Molecular Liquids, 2014, 197, 381-385.	2.3	13
67	Solubility of N-(4-chlorophenyl)-2-(pyridin-4-ylcarbonyl)hydrazinecarbothioamide in PEG 400 + water co-solvent mixtures at 298.15 K to 338.15 K. Thermochemica Acta, 2014, 589, 235-240.	1.2	11
68	Synthesis and anti-mycobacterial activity of new 4-thiazolidinone and 1,3,4-oxadiazole derivatives of isoniazid. Acta Poloniae Pharmaceutica, 2014, 71, 763-770.	0.3	17
69	Synthesis, characterization, and in vitro anti-Mycobacterium tuberculosis activity of terpene Schiff bases. Medicinal Chemistry Research, 2013, 22, 4522-4528.	1.1	24
70	Antimicrobial activity of Schiff bases of coumarin-incorporated 1,3,4-oxadiazole derivatives: an in vitro evaluation. Medicinal Chemistry Research, 2013, 22, 4455-4458.	1.1	20
71	(<i>E</i>)-2-(2,3-Dimethylanilino)- <i>N</i> -(thiophen-2-ylmethylidene)benzohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2524-o2525.	0.2	2
72	<i>N</i> -(1 <i>E</i> ,2 <i>E</i>)-3,7-Dimethylocta-2,6-dien-1-ylidene]pyridine-4-carbohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1144-o1145.	0.2	2

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73	(E)-2-(2,3-Dimethylanilino)-N-[2-methyl-5-(prop-1-en-2-yl)cyclohex-2-enylidene]benzohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1135-o1135.	0.2	4
74	(E)-N-(4-Isopropylbenzylidene)isonicotinohydrazide monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1002-o1002.	0.2	4
75	(Z)-7-[2-(4-Bromophenyl)hydrazin-1-ylidene]-6-methyl-3-(pyridin-4-yl)-7H-1,2,4-triazolo[3,4-b][1,3,4]thiadiazine. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1512-o1513.	0.2	3
76	Unexpected Configuration in Stereoselectively Synthesis of Some Novel (1Z)-1-(morpholin-1-yl)-N2-Arylamidrazones. Letters in Organic Chemistry, 2012, 9, 487-492.	0.2	10
77	Steroidal pyrazolines evaluated as aromatase and quinone reductase-2 inhibitors for chemoprevention of cancer. International Journal of Biological Macromolecules, 2012, 50, 1127-1132.	3.6	38
78	Synthesis of 2-(substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (phenyl)-3-[5-(2-oxo-2H-chromen-3-yl)-1,3,4-oxadiazol-2-yl]-1,3,4-oxadiazol-2-yl]-1,3,4-oxadiazol-2-yl]-1,3,4-oxadiazol-2-yl]-1,3,4-oxadiazol-2-yl]-1,3,4-oxadiazol-2-yl] activity. Acta Poloniae Pharmaceutica, 2011, 68, 295-9.	0.3	1
79	Synthesis, characterization and <i>in vivo</i> anticonvulsant and neurotoxicity screening of Schiff bases of phthalimide. Acta Poloniae Pharmaceutica, 2011, 68, 375-80.	0.3	16
80	Coumarin incorporated triazoles: a new class of anticonvulsants. Acta Poloniae Pharmaceutica, 2011, 68, 889-95.	0.3	6
81	Synthesis of triazolothiazolidinone derivatives of coumarin with antimicrobial activity. Acta Poloniae Pharmaceutica, 2009, 66, 625-32.	0.3	6
82	N-[(6-Substituted-1,3-benzothiazole-2-yl)amino]carbonothioyl]-2/4-substituted benzamides: Synthesis and pharmacological evaluation. European Journal of Medicinal Chemistry, 2008, 43, 1114-1122.	2.6	96
83	Synthesis and <i>In Vivo</i> Anticonvulsant Screening of Coumarin Incorporated Schiff Bases of 1,3,4-Oxadiazoles. Journal of the Chinese Chemical Society, 2008, 55, 1326-1331.	0.8	9
84	Synthesis of novel 3-(4-acetyl-5H/methyl-5-substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (phenyl-4,5-dihydro-1,3,4-oxadiazol-2-yl)-1,3,4-oxadiazol-2-yl]-1,3,4-oxadiazol-2-yl]-1,3,4-oxadiazol-2-yl]-1,3,4-oxadiazol-2-yl]-1,3,4-oxadiazol-2-yl] Poloniae Pharmaceutica, 2008, 65, 235-9.	0.3	45
85	Synthesis of benzothiazole semicarbazones as novel anticonvulsants: The role of hydrophobic domain. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 4178-4182.	1.0	126
86	Synthesis and anticonvulsant activity of sulfonamide derivatives-hydrophobic domain. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 255-259.	1.0	122
87	Synthesis of novel thioureido derivatives of sulfonamides and thiosemicarbazido derivatives of coumarin as potential anticonvulsant and analgesic agents. Indian Journal of Pharmaceutical Sciences, 2006, 68, 120.	1.0	36