

Ali M Ali

List of Publications by Year in descending order

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69
papers

1,301
citations

331670

21
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377865

34
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69
all docs

69
docs citations

69
times ranked

980
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapidly, highly yielded and green synthesis of dihydrotetrazolo[1,5- <i>a</i>]pyrimidine derivatives in aqueous media using recoverable Pd (II) thiazole catalyst accelerated by ultrasonic: Computational studies. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6320.	3.5	25
2	Utility of pyrrole-2-thioacetohydrazide in synthesis of new heterocyclic compounds with promising antimicrobial activities and molecular docking studies. <i>Journal of Heterocyclic Chemistry</i> , 2022, 59, 449-465.	2.6	5
3	Synthesis and Toxicological Effect of Some New Pyrrole Derivatives as Prospective Insecticidal Agents against the Cotton Leafworm, <i>Spodoptera littoralis</i> (Boisduval). <i>ACS Omega</i> , 2022, 7, 3990-4000.	3.5	24
4	Microwave-Assisted Synthesis, Biological Activity Evaluation, Molecular Docking, and ADMET Studies of Some Novel Pyrrolo [2,3- <i>b</i>] Pyrrole Derivatives. <i>Molecules</i> , 2022, 27, 2061.	3.8	22
5	New mononuclear Fe(III), Co(II), Ni(II), Cu(II), and Zn(II) complexes incorporating 4- <i>tert</i> -butyl-2-ethyl-1H-imidazole-5-thione: theoretical, anti-inflammatory, and molecular docking investigation. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	28
6	Efficient and Recoverable Bio-Organic Catalyst Cysteine for Synthesis, Docking Study, and Antifungal Activity of New Bio-Active 3,4-Dihydropyrimidin-2(1 <i>H</i>)-ones/thiones Under Microwave Irradiation. <i>ACS Omega</i> , 2022, 7, 22839-22849.	3.5	14
7	Synthesis, spectroscopic, DFT calculations, antimicrobial, cytotoxicity, and DNA binding studies of novel Cu (II), Ni (II), Zn (II), and VO (II) Schiff base complexes based on ibuprofen. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	7
8	Optoelectronic characteristics of as-deposited, annealed and I ₂ - Treated thin films of newly synthesized organic dye based on pyrrolo[2,3- <i>b</i>]pyrrole. <i>Current Research in Green and Sustainable Chemistry</i> , 2021, 4, 100090.	5.6	18
9	Boosting the catalytic performance of zinc linked amino acid complex as an eco-friendly for synthesis of novel pyrimidines in aqueous medium. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6197.	3.5	21
10	Boosting the catalytic performance of manganese (III)-porphyrin complex MnTSP for facile one-pot green synthesis of 1,4-dihydropyridine derivatives under mild conditions. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6238.	3.5	14
11	Synthesis and characterization of Fe(III), Pd(II) and Cu(II)-thiazole complexes; DFT, pharmacophore modeling, in-vitro assay and DNA binding studies. <i>Journal of Molecular Liquids</i> , 2021, 326, 115277.	4.9	86
12	Synthesis and structural elucidation for new pyrano thiazole complexes: Biological screening and effects on DNA through in-vitro and in-silico approaches. <i>Journal of Molecular Liquids</i> , 2021, 332, 115844.	4.9	31
13	Efficient and recoverable novel pyranothiazol Pd (II), Cu (II) and Fe(III) catalysts in simple synthesis of polyfunctionalized pyrroles: Under mild conditions using ultrasonic irradiation. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6370.	3.5	21
14	Development of New Thiazole Complexes as Powerful Catalysts for Synthesis of Pyrazole-4-Carbonitrile Derivatives under Ultrasonic Irradiation Condition Supported by DFT Studies. <i>ACS Omega</i> , 2021, 6, 21071-21086.	3.5	41
15	Novel polyesters based on indazole moiety: Synthesis, characterization and applicability as efficient inhibitors for acidic X-65-steel corrosion. <i>Reactive and Functional Polymers</i> , 2021, 166, 105001.	4.1	6
16	Unveiling the exceptional synergism-induced design of Co-Mg-Al layered triple hydroxides (LTHs) for boosting catalytic activity toward the green synthesis of indol-3-yl derivatives under mild conditions. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 227-244.	9.4	22
17	Optical characterization and effects of iodine vapor & gaseous HCl adsorption investigation of novel synthesized organic dye based on thieno[2,3- <i>b</i>]thiophene. <i>Optik</i> , 2021, 243, 167385.	2.9	14
18	Green Bio-organic and Recoverable Catalyst Taurine (2-aminoethanesulfonic acid) for Synthesis of Bio-active Compounds 3,4-Dihydropyrimidin Derivatives in Aqueous Medium.. <i>ChemistrySelect</i> , 2020, 5, 12098-12102.	1.5	17

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19	Green Method for the Synthetic Ugi Reaction by Twin Screw Extrusion without a Solvent and Catalyst. <i>ACS Omega</i> , 2020, 5, 6194-6198.	3.5	26
20	Iron (III)-porphyrin Complex FeTSPP as an efficient catalyst for synthesis of tetrazole derivatives via [2+3] cycloaddition reaction in aqueous medium. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4989.	3.5	22
21	Green synthesis of TiO ₂ nanoparticles as an efficient heterogeneous catalyst with high reusability for synthesis of 1,2-dihydroquinoline derivatives. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5005.	3.5	24
22	Multicomponent Reaction for Synthesis of Novel 2-Tosyloxyphenylpyridines. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 1420-1425.	2.6	6
23	Synthesis and Reactions of New Thiazoles and Pyrimidines Containing Sulfonate Moiety. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 964-970.	2.6	10
24	Carbocation Catalyzed Bromination of Alkyl Arenes, a Chemoselective ³ vs. ² C-H functionalization.. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4197-4204.	4.3	36
25	Synthesis and Antimicrobial Screening of Fused Heterocyclic Pyridines. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 871-878.	2.6	11
26	Synthesis of Novel Chromene, Pyridine, Pyrazole, Pyrimidine, and Imidazole Derivatives via One-pot Multicomponent Reaction. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 3342-3349.	2.6	16
27	4-Hydroxy-1-phenylquinolin-2(1H)-one in One-pot Synthesis of Pyrimidoquinolines and Related Compounds under Microwave Irradiation and Conventional Conditions. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 383-388.	2.6	14
28	Synthesis and <i>in vitro</i> Antibacterial Activity of Some Novel Fused Pyridopyrimidine Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1304-1309.	2.6	12
29	4-Toluenesulfonamide as a Building Block for Synthesis of Novel Triazepines, Pyrimidines, and Azoles. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1544-1553.	2.6	17
30	Divinyl Sulfone Cross-Linked β -Cyclodextrin Polymer as New and Effective Corrosion Inhibitor for Zn Anode in 3.5M KOH. <i>Transactions of the Indian Institute of Metals</i> , 2016, 69, 1783-1792.	1.5	10
31	A robust synthesis and characterization of superparamagnetic CoFe ₂ O ₄ nanoparticles as an efficient and reusable catalyst for green synthesis of some heterocyclic rings. <i>Applied Organometallic Chemistry</i> , 2016, 30, 1022-1029.	3.5	69
32	Cobalt(III)-porphyrin complex (CoTCPP) as an efficient and recyclable homogeneous catalyst for the synthesis of tryptanthrin in aqueous media. <i>Tetrahedron Letters</i> , 2016, 57, 435-437.	1.4	26
33	Epichlorohydrin cross-linked β -cyclodextrin: an environmental method for the synthesis of 2-arylbenzothiazoles derivatives in water. <i>Journal of Sulfur Chemistry</i> , 2016, 37, 70-79.	2.0	9
34	Carbocation Catalysis: Oxa-Diels-Alder Reactions of Unactivated Aldehydes and Simple Dienes. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6610-6614.	2.4	28
35	Divinyl Sulfone Cross-Linked Cyclodextrin-Based Polymeric Materials: Synthesis and Applications as Sorbents and Encapsulating Agents. <i>Molecules</i> , 2015, 20, 3565-3581.	3.8	40
36	CuFe ₂ O ₄ nanoparticles: an efficient heterogeneous magnetically separable catalyst for synthesis of some novel propynyl-1H-imidazoles derivatives. <i>Tetrahedron</i> , 2015, 71, 2579-2584.	1.9	102

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37	Bismuth triflate: A highly efficient catalyst for the synthesis of bio-active coumarin compounds via one-pot multi-component reaction. <i>Chinese Journal of Catalysis</i> , 2015, 36, 1124-1130.	14.0	38
38	Synthesis and characterization of highly stable superparamagnetic CoFe ₂ O ₄ nanoparticles as a catalyst for novel synthesis of thiazolo[4,5-b]quinolin-9-one derivatives in aqueous medium. <i>Journal of Molecular Catalysis A</i> , 2015, 404-405, 148-155.	4.8	61
39	Synthesis of Some Novel Imidazopyrazole and Pyrazolopyrimidine Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 1476-1481.	2.6	12
40	(2 <i>E</i>)-2-(1,3-Benzothiazol-2-yl)-3-(dimethylamino)prop-2-enitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o52-o53.	0.2	0
41	<i>N</i> -(2-Hydroxyphenyl)-4-methylbenzenesulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o54-o54.	0.2	0
42	Synthesis of pyranopyrazoles using magnetic Fe ₃ O ₄ nanoparticles as an efficient and reusable catalyst. <i>Tetrahedron</i> , 2014, 70, 2971-2975.	1.9	108
43	Synthesis of Pyrimidine, Dihydropyrimidinone, and Dihydroimidazole Derivatives under Free Solvent Conditions and Their Antibacterial Evaluation. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 1202-1209.	2.6	21
44	Eco-friendly synthesis of guanidinyltetrazole compounds and 5-substituted 1H-tetrazoles in water under microwave irradiation. <i>Tetrahedron</i> , 2014, 70, 270-275.	1.9	44
45	Synthesis of Novel Modified Guanidines: Reaction of Dicyandiamide with Amino Acids, Amides, and Amines in Aqueous Medium. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 1322-1326.	2.6	10
46	Rapidly and Highly Yielded Synthesis of Pyrimidine, Dihydropyrimidinone, and Triazino[2,1- <i>b</i>]quinazolin-6-ones Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 1425-1430.	2.6	17
47	<i>N</i> -(<i>E</i> -Benzylidene)-2-(6-methoxynaphthalen-2-yl)propanohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1614-o1614.	0.2	1
48	2-(4-Chlorophenyl)-4,5-diphenyl-1-(prop-2-en-1-yl)-1H-imidazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o875-o876.	0.2	6
49	9-(3-Bromo-5-chloro-2-hydroxyphenyl)-10-(2-hydroxyethyl)-1,2,3,4,5,6,7,8,9,10-decahydroacridine-1,8-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o85-o86.	0.2	5
50	Ethyl 4-(4-chloroanilino)-1-(4-chlorophenyl)-2-methyl-5-oxo-2,5-dihydro-1H-pyrrole-2-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1761-o1762.	0.2	1
51	1-[(<i>Z</i>)-[(2,3-Dihydroxypropyl)amino]methylidene]naphthalen-2(1H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o136-o137.	0.2	0
52	(4 <i>E</i>)-4-[(2-Hydroxyanilino)methylidene]-1-phenylpyrazolidine-3,5-dione dimethyl sulfoxide hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1408-o1409.	0.2	0
53	2-(5-Methoxy-2-methyl-1 <i>H</i> -indol-3-yl)- <i>N</i> -(<i>E</i>)-[(1 <i>E</i> ,2 <i>E</i>)-3-phenylprop-2-en-1-ylidene]acetohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1493-o1493.	0.2	2
54	Amino[(1 <i>H</i> -benzimidazol-2-yl)amino]methaniminium 4-methylbenzenesulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1543-o1544.	0.2	0

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55	Ethyl 4-anilino-2-methyl-5-oxo-1-phenyl-2,5-dihydro-1H-pyrrole-2-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1757-o1758.	0.2	1
56	2-Ethoxy-4-(4-methylphenyl)-6-phenylpyridine-3-carbonitrile. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2495-o2496.	0.2	1
57	2-Anilino-5,7-dimethylpyrazolo[1,5- <i>a</i>]pyrimidine-3-carbonitrile. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2782-o2783.	0.2	0
58	5-Amino-3-anilino-1H-pyrazole-4-carbonitrile. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2784-o2784.	0.2	0
59	(Z)-3-(2-Hydroxyethyl)-2-(phenylimino)-1,3-thiazolidin-4-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2371-o2372.	0.2	0
60	Synthesis of Some Novel Fused Azole Derivatives. Synthetic Communications, 2012, 42, 2748-2762.	2.1	17
61	Synthesis and biological activity of dihydroimidazole and 3,4-dihydrobenzo[4,5]imidazo[1,2- <i>a</i>][1,3,5]triazins. European Journal of Medicinal Chemistry, 2012, 47, 138-142.	5.5	50
62	N-(4,6-Dimethylpyrimidin-2-yl)-1H-benzimidazol-2-amine. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o719-o719.	0.2	1
63	2-(1,3-Benzothiazol-2-yl)guanidine. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o786-o786.	0.2	4
64	4-(4-Chlorobenzyl)-5-methyl-2-phenyl-1H-pyrazol-3(2H)-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1153-o1153.	0.2	0
65	2-(1,3-Benzothiazol-2-yl)guanidin-2-ium acetate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2920-o2920.	0.2	1
66	2-(1,3-Benzothiazol-2-yl)guanidinium chloride. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3132-o3132.	0.2	2
67	2-(1,3-Benzoxazol-2-yl)guanidinium chloride. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3133-o3133.	0.2	3
68	2-Amino-4-phenyl-4H,10H-1,3,5-triazino[1,2- <i>a</i>]benzimidazol-3-ium chloride. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1154-o1154.	0.2	1
69	N-(4,6-Dimethylpyrimidin-2-yl)-1,3-benzothiazol-2-amine. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3131-o3131.	0.2	0