

# Ali M Ali

## List of Publications by Year in descending order

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69  
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citations

331670

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g-index

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docs citations

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times ranked

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citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Synthesis of pyranopyrazoles using magnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles as an efficient and reusable catalyst. <i>Tetrahedron</i> , 2014, 70, 2971-2975.  | 1.9  | 108       |
| 2  | CuFe <sub>2</sub> O <sub>4</sub> 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       |
| 3  | 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        |
| 4  | A robust synthesis and characterization of superparamagnetic CoFe <sub>2</sub> O <sub>4</sub> 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        |
| 5  | Synthesis and characterization of highly stable superparamagnetic CoFe <sub>2</sub> O <sub>4</sub> 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        |
| 6  | Synthesis and biological activity of dihydroimidazole and 3,4-dihydrobenzo[4,5]imidazo[1,2-a][1,3,5]triazins. <i>European Journal of Medicinal Chemistry</i> , 2012, 47, 138-142.  | 5.5  | 50        |
| 7  | 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        |
| 8  | 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        |
| 9  | 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        |
| 10 | 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        |
| 11 | Carbocation Catalyzed Bromination of Alkyl Arenes, a Chemoselective $\text{sp}^3$ vs. $\text{sp}^2$ C-H functionalization.. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4197-4204.  | 4.3  | 36        |
| 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 | 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        |
| 14 | New mononuclear Fe(III), Co(II), Ni(II), Cu(II), and Zn(II) complexes incorporating 4- $\text{C}_6\text{H}_4$ - $\text{C}_6\text{H}_4$ - $\text{C}_6\text{H}_4$ theoretical, anti-inflammatory, and molecular docking investigation. <i>Applied Organometallic Chemistry</i> , 2022, 36, . | 3.5  | 28        |
| 15 | 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        |
| 16 | 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        |
| 17 | Rapidly, highly yielded and green synthesis of dihydrotetrazolo[1,5-a]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        |
| 18 | Green synthesis of TiO <sub>2</sub> 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        |

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|----|---|-----|-----------|
| 19 | Synthesis and Toxicological Effect of Some New Pyrrole Derivatives as Prospective Insecticidal Agents against the Cotton Leafworm, <i>Spodoptera littoralis</i> (Boisduval). ACS Omega, 2022, 7, 3990-4000.   | 3.5 | 24        |
| 20 | Iron (III) Porphyrin Complex FeTSPP as an efficient catalyst for synthesis of tetrazole derivatives via [2+3] cycloaddition reaction in aqueous medium. Applied Organometallic Chemistry, 2019, 33, e4989.  | 3.5 | 22        |
| 21 | 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. Journal of Colloid and Interface Science, 2021, 599, 227-244. | 9.4 | 22        |
| 22 | Microwave-Assisted Synthesis, Biological Activity Evaluation, Molecular Docking, and ADMET Studies of Some Novel Pyrrolo [2,3-b] Pyrrole Derivatives. Molecules, 2022, 27, 2061.  | 3.8 | 22        |
| 23 | Synthesis of Pyrimidine, Dihydropyrimidinone, and Dihydroimidazole Derivatives under Free Solvent Conditions and Their Antibacterial Evaluation. Journal of Heterocyclic Chemistry, 2014, 51, 1202-1209.  | 2.6 | 21        |
| 24 | Boosting the catalytic performance of zinc linked amino acid complex as an eco-friendly for synthesis of novel pyrimidines in aqueous medium. Applied Organometallic Chemistry, 2021, 35, e6197.  | 3.5 | 21        |
| 25 | Efficient and recoverable novel pyranthiazol Pd (II), Cu (II) and Fe(III) catalysts in simple synthesis of polyfunctionalized pyrroles: Under mild conditions using ultrasonic irradiation. Applied Organometallic Chemistry, 2021, 35, e6370.                            | 3.5 | 21        |
| 26 | Optoelectronic characteristics of as-deposited, annealed and I <sub>2</sub> Treated thin films of newly synthesized organic dye based on pyrrolo[2,3-b]pyrrole. Current Research in Green and Sustainable Chemistry, 2021, 4, 100090.                                     | 5.6 | 18        |
| 27 | Synthesis of Some Novel Fused Azole Derivatives. Synthetic Communications, 2012, 42, 2748-2762.   | 2.1 | 17        |
| 28 | Rapidly and Highly Yielded Synthesis of Pyrimidine, Dihydropyrimidinone, and Triazino[2,1-b]quinazolin-6-ones Derivatives. Journal of Heterocyclic Chemistry, 2013, 50, 1425-1430.  | 2.6 | 17        |
| 29 | 4-Toluenesulfonamide as a Building Block for Synthesis of Novel Triazepines, Pyrimidines, and Azoles. Journal of Heterocyclic Chemistry, 2016, 53, 1544-1553.   | 2.6 | 17        |
| 30 | Green Bio-Organic and Recoverable Catalyst Taurine (2-Aminoethanesulfonic acid) for Synthesis of Bio-Active Compounds 3,4-Dihydropyrimidin Derivatives in Aqueous Medium.. ChemistrySelect, 2020, 5, 12098-12102.   | 1.5 | 17        |
| 31 | Synthesis of Novel Chromene, Pyridine, Pyrazole, Pyrimidine, and Imidazole Derivatives via One-Pot Multicomponent Reaction. Journal of Heterocyclic Chemistry, 2017, 54, 3342-3349.   | 2.6 | 16        |
| 32 | 4-Hydroxy-1-phenylquinolin-2-one in One-Pot Synthesis of Pyrimidoquinolines and Related Compounds under Microwave Irradiation and Conventional Conditions. Journal of Heterocyclic Chemistry, 2016, 53, 383-388.  | 2.6 | 14        |
| 33 | Boosting the catalytic performance of manganese (III) porphyrin complex MnTSPP for facile one-pot green synthesis of 1,4-dihydropyridine derivatives under mild conditions. Applied Organometallic Chemistry, 2021, 35, e6238.  | 3.5 | 14        |
| 34 | Optical characterization and effects of iodine vapor & gaseous HCl adsorption investigation of novel synthesized organic dye based on thieno[2,3-b]thiophene. Optik, 2021, 243, 167385.   | 2.9 | 14        |
| 35 | Efficient and Recoverable Bio-Organic Catalyst Cysteine for Synthesis, Docking Study, and Antifungal Activity of New Bio-Active 3,4-Dihydropyrimidin-2(1H)-ones/thiones Under Microwave Irradiation. ACS Omega, 2022, 7, 22839-22849.                                     | 3.5 | 14        |
| 36 | Synthesis of Some Novel Imidazopyrazole and Pyrazolopyrimidine Derivatives. Journal of Heterocyclic Chemistry, 2014, 51, 1476-1481.   | 2.6 | 12        |

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|----|--|-----|-----------|
| 37 | Synthesis and <i>in vitro</i> Antibacterial Activity of Some Novel Fused Pyridopyrimidine Derivatives. Journal of Heterocyclic Chemistry, 2016, 53, 1304-1309.   | 2.6 | 12        |
| 38 | Synthesis and Antimicrobial Screening of Fused Heterocyclic Pyridines. Journal of Heterocyclic Chemistry, 2017, 54, 871-878.   | 2.6 | 11        |
| 39 | Synthesis of Novel Modified Guanidines: Reaction of Dicyandiamide with Amino Acids, Amides, and Amines in Aqueous Medium. Journal of Heterocyclic Chemistry, 2014, 51, 1322-1326.  | 2.6 | 10        |
| 40 | Divinyl Sulfone Cross-Linked $\beta$ -Cyclodextrin Polymer as New and Effective Corrosion Inhibitor for Zn Anode in 3.5M KOH. Transactions of the Indian Institute of Metals, 2016, 69, 1783-1792.                                       | 1.5 | 10        |
| 41 | Synthesis and Reactions of New Thiazoles and Pyrimidines Containing Sulfonate Moiety. Journal of Heterocyclic Chemistry, 2018, 55, 964-970.  | 2.6 | 10        |
| 42 | Epichlorohydrin cross-linked $\beta$ -cyclodextrin: an environmental method for the synthesis of 2-arylbenzothiazoles derivatives in water. Journal of Sulfur Chemistry, 2016, 37, 70-79.  | 2.0 | 9         |
| 43 | 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. Applied Organometallic Chemistry, 2022, 36, . | 3.5 | 7         |
| 44 | 2-(4-Chlorophenyl)-4,5-diphenyl-1-(prop-2-en-1-yl)-1H-imidazole. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o875-o876.  | 0.2 | 6         |
| 45 | Multicomponent Reaction for Synthesis of Novel 2- <i>o</i> -tosyloxyphenylpyridines. Journal of Heterocyclic Chemistry, 2019, 56, 1420-1425.   | 2.6 | 6         |
| 46 | Novel polyesters based on indazole moiety: Synthesis, characterization and applicability as efficient inhibitors for acidic X-65-steel corrosion. Reactive and Functional Polymers, 2021, 166, 105001.                                   | 4.1 | 6         |
| 47 | 9-(3-Bromo-5-chloro-2-hydroxyphenyl)-10-(2-hydroxyethyl)-1,2,3,4,5,6,7,8,9,10-decahydroacridine-1,8-dione. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o85-o86.  | 0.2 | 5         |
| 48 | Utility of pyrrole-2-thioacetohydrazide in synthesis of new heterocyclic compounds with promising antimicrobial activities and molecular docking studies. Journal of Heterocyclic Chemistry, 2022, 59, 449-465.                          | 2.6 | 5         |
| 49 | 2-(1,3-Benzothiazol-2-yl)guanidine. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o786-o786.   | 0.2 | 4         |
| 50 | 2-(1,3-Benzoxazol-2-yl)guanidinium chloride. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3133-o3133.  | 0.2 | 3         |
| 51 | 2-(1,3-Benzothiazol-2-yl)guanidinium chloride. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3132-o3132.  | 0.2 | 2         |
| 52 | 2-(5-Methoxy-2-methyl-1 <i>H</i> -indol-3-yl)- <i>N</i> -[(1 <i>E</i> ,2 <i>E</i> )-3-phenylprop-2-en-1-ylidene]acetohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1493-o1493.                       | 0.2 | 2         |
| 53 | <i>N</i> -(4,6-Dimethylpyrimidin-2-yl)-1 <i>H</i> -benzimidazol-2-amine. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o719-o719.  | 0.2 | 1         |
| 54 | 2-(1,3-Benzothiazol-2-yl)guanidin-2-ium acetate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2920-o2920.  | 0.2 | 1         |

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|----|--|-----|-----------|
| 55 | 2-Amino-4-phenyl-4H,10H-1,3,5-triazino[1,2-a]benzimidazol-3-ium chloride. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1154-o1154.                             | 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 | N <sup>+</sup> -(E)-Benzylidene]-2-(6-methoxynaphthalen-2-yl)propanohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1614-o1614.                        | 0.2 | 1         |
| 58 | Ethyl 4-(4-chloroanilino)-1-(4-chlorophenyl)-2-methyl-5-oxo-2,5-dihydro-1H-pyrrole-2-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1761-o1762.     | 0.2 | 1         |
| 59 | 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         |
| 60 | 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         |
| 61 | 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         |
| 62 | 2-Anilino-5,7-dimethylpyrazolo[1,5-a]pyrimidine-3-carbonitrile. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2782-o2783.                                       | 0.2 | 0         |
| 63 | 5-Amino-3-anilino-1H-pyrazole-4-carbonitrile. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2784-o2784.   | 0.2 | 0         |
| 64 | (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         |
| 65 | (2E)-2-(1,3-Benzothiazol-2-yl)-3-(dimethylamino)prop-2-enenitrile. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o52-o53.  | 0.2 | 0         |
| 66 | N-(2-Hydroxyphenyl)-4-methylbenzenesulfonamide. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o54-o54.   | 0.2 | 0         |
| 67 | 1-[(Z)-[(2,3-Dihydroxypropyl)amino]methylidene]naphthalen-2(1H)-one. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o136-o137.                                    | 0.2 | 0         |
| 68 | (4E)-4-[(2-Hydroxyanilino)methylidene]-1-phenylpyrazolidine-3,5-dione dimethyl sulfoxide hemisolvate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1408-o1409. | 0.2 | 0         |
| 69 | Amino[(1H-benzimidazol-2-yl)amino]methaniminium 4-methylbenzenesulfonate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1543-o1544.                             | 0.2 | 0         |