

Monther A Khanfar

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.

50
papers

415
citations

12
h-index

19
g-index

63
ext. papers

500
ext. citations

2.4
avg, IF

2.97
L-index

#	Paper	IF	Citations
50	Synthesis and Properties of N1-(indan-5-yl)amidrazones Incorporating Piperazines and Related Congeners. <i>Letters in Organic Chemistry</i> , 2021 , 18, 41-48	0.6	
49	Understanding the Formation of 5-(Diethylammoniothio)-1,3-dimethylbarbituric Acid: Crystal Structure and DFT Studies. <i>Journal of Chemical Crystallography</i> , 2021 , 51, 215-224	0.5	
48	Sequencing GroebkeBlackburnBienaym[and Aza-Michael Addition Reactions: A Modular Strategy for Accessing a Diverse Collection of Constrained Benzoxazepine and Imidazopyrazine Systems. <i>Synthesis</i> , 2021 , 53, 1911-1922	2.9	2
47	Crystal structure of 1-(1,3-dimethyl-4-nitro-1H-pyrazol-5-yl)-3,5-diphenyl-1H-pyrazole and molecular docking studies of 1-(1,3-dimethyl-4-nitro-1H-pyrazol-5-yl)-3,5-diphenyl-1H-pyrazole and 5-methyl-1-(1,3-dimethyl-4-nitro-1H-pyrazol-5-yl)-3-phenyl-1H-pyrazole towards tyrosine kinases. <i>Journal of Molecular Structure</i> , 2021 , 1237, 130345	3.4	1
46	Stereoselective Late-Stage Transformations of Indolo[2,3-]quinolizines Skeleta to Nature-Inspired Scaffolds. <i>Journal of Organic Chemistry</i> , 2021 , 86, 12872-12885	4.2	3
45	Design and Synthesis of Aminoacetylenic Indole and Carbazole Hybrid Compounds. <i>ChemistrySelect</i> , 2020 , 5, 6834-6839	1.8	1
44	Synthesis, Characterization and Biological Evaluation of Metal Adamantyl 2-Pyridylhydrazone Complexes. <i>Molecules</i> , 2020 , 25,	4.8	3
43	Utilization of 1-phenylimidazo[1,5-a]quinoline as partner in 1,4-dipolar cycloaddition reactions. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020 , 75, 259-267	1	1
42	Crystal structure of 3-(1-benzyl-2-ethyl-4-nitro-1H-imidazol-5-ylthio)-propanoic acid, C ₁₅ H ₁₇ N ₃ O ₄ S. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2020 , 235, 751-753	0.2	
41	Divergent Strategy for Diastereocontrolled Synthesis of Small- and Medium-Ring Architectures. <i>Journal of Organic Chemistry</i> , 2020 , 85, 10695-10708	4.2	4
40	Facile Synthesis of Novel Aminopyrrolobenzimidazole System via Regioselective Amination. <i>Journal of Heterocyclic Chemistry</i> , 2019 , 56, 1530-1541	1.9	1
39	The crystal structure of 3-(1H-benzo[d]imidazol-2-yl)-7-chloro-1-cyclopropyl-6-fluoro-1,4-dihydroquinolin [dimethylsulfoxide (1/1), C ₂₁ H ₁₉ ClFN ₃ O ₂ S. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019 , 234, 645-647	0.2	
38	Sequencing [4 + 1]-Cycloaddition and Aza-Michael Addition Reactions: A Diastereoselective Cascade for the Rapid Access of Pyrido[2,5-]thiazolo[2,3-]imidazo[1,5-]quinolone Scaffolds as Potential Antibacterial and Anticancer Motifs. <i>Journal of Organic Chemistry</i> , 2019 , 84, 14476-14486	4.2	12
37	One-Pot Synthesis of Diverse Collections of Benzoxazepine and Indolopyrazine Fused to Heterocyclic Systems. <i>Journal of Organic Chemistry</i> , 2019 , 84, 934-948	4.2	13
36	Synthesis, Characterization, and Crystal Structure of a Triazine Anion Pentafluoroosmium(VI) Complex. <i>Crystals</i> , 2018 , 8, 63	2.3	
35	Multidirectional desymmetrization of pluripotent building block en route to diastereoselective synthesis of complex nature-inspired scaffolds. <i>Nature Communications</i> , 2018 , 9, 4989	17.4	17
34	Synthesis, Characterization, Crystal Structure, and DFT Study of a New Square Planar Cu(II) Complex Containing Bulky Adamantane Ligand. <i>Molecules</i> , 2018 , 23,	4.8	7

33	Two new cyclopropane monoterpene epimers from <i>Varthemia iphionoides</i> of Jordanian origin. <i>Phytochemistry Letters</i> , 2018 , 26, 60-63	1.9	2
32	Synthesis and antibacterial activity of N1-(carbazol-3-yl)amidrazones incorporating piperazines and related congeners. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016 , 71, 857-867	1	2
31	Three new seco-ursadiene triterpenoids from <i>Salvia syriaca</i> . <i>Natural Product Research</i> , 2015 , 29, 102-8	2.3	13
30	Diaryldichalcogenide radical cations. <i>Chemical Science</i> , 2015 , 6, 497-504	9.4	33
29	Fluorinated benzene cations. <i>Journal of Fluorine Chemistry</i> , 2015 , 179, 193-197	2.1	6
28	Molecular Structure and Density Functional Theory Calculations of 3-(3-Nitrothien-2-yl)indole: Structural and Vibrational Analysis. <i>Journal of Chemical Crystallography</i> , 2014 , 44, 330-336	0.5	1
27	Evidences for Chelating Complexes of Lithium with Phenylphosphinic and Phenylphosphonic Acids: A Spectroscopic and DFT Study. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014 , 189, 558-575	1	2
26	Design and Synthesis of New Hybrid Triazine-Indole Derivatives as Potential Antimicrobial Agents against Hospital Resistant Strains. <i>Heterocycles</i> , 2013 , 87, 2385	0.8	6
25	Halogenated Benzene Cation Radicals. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 3131-3136	3.2	21
24	Halogenated benzene cation radicals. <i>Chemistry - A European Journal</i> , 2012 , 18, 6644-54	4.8	43
23	2-(4-Methyl-phen-yl)quinoline-4-carb-oxy-lic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2892		1
22	Ruthenium(II) complexes with tetradentate pyridylthioazoimine [N,S,N,N] ligands: Synthesis, crystal structure and spectroscopy. <i>Polyhedron</i> , 2011 , 30, 2075-2082	2.7	14
21	trans-Dichlorido(2,2-dimethyl-propane-1,3-diamine)-bis-(triphenyl-phosphane)ruthenium(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m731-2		1
20	A Convenient Synthesis of 1-Alkyl-7-chloro-6-fluoro-3-nitro-4-quinolones. <i>Letters in Organic Chemistry</i> , 2009 , 6, 511-514	0.6	3
19	Heterocycles [h]-fused to 4-oxoquinoline-3-carboxylic acid. Part VII: synthesis of some 6-oxoimidazo[4,5-h]quinoline-7-carboxylic acids and esters. <i>Monatshefte Für Chemie</i> , 2009 , 140, 221-228	1.4	13
18	Metal-assisted Oxidative Cyclization of Arylamidrazones II [1]. Novel Synthesis of 1,4-Diaryl[1,2,4]triazino[6,5-h]quinolines. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2008 , 63, 1107-1111	1	0
17	4-(4-Chloro-phen-yl)-1-(2-hydr-oxy-2,2-di-phenyl-acet-yl)thio-semicarbazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o2305		0
16	Catalytic deoxygenation of terminal-diols under acidic aqueous conditions by the ruthenium complexes [(β-arene)Ru(X)(N?N)](OTf) _n , X=H ₂ O, H, β-arene=p-Me-iPr-C ₆ H ₄ , C ₆ Me ₆ , N?N=bipy, phen, 6,6'-diamino-bipy, 2,9-diamino-phen, n=1, 2). <i>Journal of Molecular Catalysis A</i> , 2007 , 277, 233-251		43

15	(E)-N ² -[(Furan-2-yl)methylene]-2-hydroxy-2,2-diphenylacetohydrazide monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o4078-o4079		
14	Synthesis of Some Ethyl 3-(Aryldiazenyl)-7-oxo-dihydropyrido[2,3-f]quinoxaline-8-carboxylates. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007 , 62, 1045-1051	1	2
13	Heterocycles [h]Fused onto 4-Oxoquinolines. Part I. Synthesis of 6-Oxo-6,9-dihydro[1,2,5]oxadiazolo[3,4-h]quinoline-7-carboxylic Acid N-Oxide. <i>Heterocycles</i> , 2006 , 68, 1163	0.8	11
12	An Efficient One-Pot Synthesis of Pyrazolopyrimidines, Intermediates for Potential Phosphodiesterase Inhibitors. <i>Monatshefte Für Chemie</i> , 2005 , 136, 619-624	1.4	6
11	High Throughput Synthesis of Pyrazolopyrimidines via Copper-catalysed Cyclization and X-Ray Study. <i>Heterocycles</i> , 2005 , 65, 1821	0.8	4
10	A new eudesmane type sesquiterpene from <i>Inula viscosa</i> . <i>Natural Product Research</i> , 2003 , 17, 99-102	2.3	19
9	The chemical constituents of <i>Capparis spinosa</i> of Jordanian origin. <i>Natural Product Research</i> , 2003 , 17, 9-14	2.3	28
8	Synthesis and properties of isoviagra. A 2-methyl-2H-pyrazolo[4,3-d]pyrimidin-7-one isomer of viagra. <i>Journal of Heterocyclic Chemistry</i> , 2002 , 39, 1055-1059	1.9	5
7	Aqueous Polyketone Latices Prepared with Water-Insoluble Palladium(II) Catalysts. <i>Macromolecules</i> , 2002 , 35, 3342-3347	5.5	36
6	Preparation, properties, and reactions of metal-containing heterocycles. <i>Journal of Organometallic Chemistry</i> , 2001 , 630, 244-252	2.3	11
5	Trifunctional Phosphane Ligands and Their Application in the Synthesis of Novel Cage-Structured Platinacyclophanes and Trinuclear Chain-Like Platinacycles by Self-Assembly. <i>European Journal of Inorganic Chemistry</i> , 2001 , 2001, 2411-2419	2.3	9
4	Preparation, Properties, and Reactions of Metal-Containing Heterocycles, 102[1] a Three-Dimensional Triplatinacyclophane with an Eleven-Membered Bridge. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2001 , 169, 35-38	1	
3	X-Ray Structure Analysis of iso-Sildenafil (iso- Viagra) [1]. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1999 , 54, 1323-1326	1	6
2	Synthesis and Properties of Biagra . A 5-(2,3-Dihydro-7-benzofuryl) Analog of Viagra. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1999 , 54, 1469-1473	1	2
1	X-Ray Structure Analysis of Substituted 5-(2,3-Dihydro-7-benzofuryl)-1-methylpyrazolo[4,3-d]pyrimidin-7-one (Biagra). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1999 , 54, 1602-1605	1	2