

# Monther A Khanfar

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Catalytic deoxygenation of terminal-diols under acidic aqueous conditions by the ruthenium complexes $[(\eta^6\text{-arene})\text{Ru}(\text{X})(\text{N}\hat{\ominus}\text{N})](\text{OTf})_n$ , $\text{X}=\text{H}_2\text{O}$ , $\text{H}$ , $\eta^6\text{-arene}=\text{p-Me-iPr-C}_6\text{H}_4$ , $\text{C}_6\text{Me}_6$ , $\text{N}\hat{\ominus}\text{N}=\text{bipy}$ , $\text{phen}$ ,	4.8	47
2	Halogenated Benzene Cation Radicals. <i>Chemistry - A European Journal</i> , 2012, 18, 6644-6654.	3.3	47
3	Diaryldichalcogenide radical cations. <i>Chemical Science</i> , 2015, 6, 497-504.	7.4	40
4	Aqueous Polyketone Latices Prepared with Water-Insoluble Palladium(II) Catalysts. <i>Macromolecules</i> , 2002, 35, 3342-3347.	4.8	38
5	The Chemical Constituents of Capparis Spinosa of Jordanian Origin. <i>Natural Product Research</i> , 2003, 17, 9-14.	1.8	36
6	Multidirectional desymmetrization of pluripotent building block en route to diastereoselective synthesis of complex nature-inspired scaffolds. <i>Nature Communications</i> , 2018, 9, 4989.	12.8	32
7	One-Pot Synthesis of Diverse Collections of Benzoxazepine and Indolopyrazine Fused to Heterocyclic Systems. <i>Journal of Organic Chemistry</i> , 2019, 84, 934-948.	3.2	25
8	Halogenated Benzene Cation Radicals. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3131-3136.	2.4	24
9	Sequencing $[4 + 1]$ -Cycloaddition and Aza-Michael Addition Reactions: A Diastereoselective Cascade for the Rapid Access of Pyrido $[2\hat{\alpha}^2,1\hat{\alpha}^2:2,3]$ /Thiazolo $[2\hat{\alpha}^2,3\hat{\alpha}^2:2,3]$ imidazo $[1,5\text{-}i]$ quinolone Scaffolds as Potential Antibacterial and Anticancer Motifs. <i>Journal of Organic Chemistry</i> , 2019, 84, 14476-14486.	3.2	23
10	A New Eudesmane Type Sesquiterpene from Inula Viscosa. <i>Natural Product Research</i> , 2003, 17, 99-102.	1.8	19
11	Ruthenium(II) complexes with tetradentate pyridylthioazimine $[\text{N},\text{S},\text{N},\text{N}]$ ligands: Synthesis, crystal structure and spectroscopy. <i>Polyhedron</i> , 2011, 30, 2075-2082.	2.2	15
12	Three new seco-ursadiene triterpenoids from <i>Salvia syriaca</i> . <i>Natural Product Research</i> , 2015, 29, 102-108.	1.8	15
13	Stereoselective Late-Stage Transformations of Indolo $[2,3\text{-}i]$ quinolizines Skeleta to Nature-Inspired Scaffolds. <i>Journal of Organic Chemistry</i> , 2021, 86, 12872-12885.	3.2	15
14	Heterocycles $[\text{h}]$ -fused to 4-oxoquinoline-3-carboxylic acid. Part VII: synthesis of some 6-oxoimidazo $[4,5\text{-}h]$ quinoline-7-carboxylic acids and esters. <i>Monatshefte für Chemie</i> , 2009, 140, 221-228.	1.8	13
15	Synthesis, Characterization, Crystal Structure, and DFT Study of a New Square Planar Cu(II) Complex Containing Bulky Adamantane Ligand. <i>Molecules</i> , 2018, 23, 701.	3.8	13
16	Stereodivergent Complexity-to-Diversity Strategy en Route to the Synthesis of Nature-Inspired Skeleta. <i>Journal of Organic Chemistry</i> , 2022, 87, 1377-1397.	3.2	12
17	Preparation, properties, and reactions of metal-containing heterocycles. <i>Journal of Organometallic Chemistry</i> , 2001, 630, 244-252.	1.8	11
18	Heterocycles $[\text{h}]$ Fused onto 4-Oxoquinolines. Part I. Synthesis of 6-Oxo-6,9-dihydro $[1,2,5]$ oxadiazolo $[3,4\text{-}h]$ quinoline-7-carboxylic Acid N-Oxide. <i>Heterocycles</i> , 2006, 68, 1163.	0.7	11

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19	Divergent Strategy for Diastereocontrolled Synthesis of Small- and Medium-Ring Architectures. <i>Journal of Organic Chemistry</i> , 2020, 85, 10695-10708.	3.2	11
20	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.	2.0	9
21	Design and Synthesis of New Hybrid Triazine-Indole Derivatives as Potential Antimicrobial Agents against Hospital Resistant Strains. <i>Heterocycles</i> , 2013, 87, 2385.	0.7	9
22	An Efficient One-Pot Synthesis of Pyrazolopyrimidines, Intermediates for Potential Phosphodiesterase Inhibitors. <i>Monatshefte für Chemie</i> , 2005, 136, 619-624.	1.8	8
23	Fluorinated benzene cations. <i>Journal of Fluorine Chemistry</i> , 2015, 179, 193-197.	1.7	8
24	Synthesis, Characterization and Biological Evaluation of Metal Adamantyl 2-Pyridylhydrazone Complexes. <i>Molecules</i> , 2020, 25, 2530.	3.8	8
25	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.	0.7	7
26	Synthesis and antibacterial activity of <i>N</i> -1-(carbazol-3-yl)amidrazones incorporating piperazines and related congeners. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016, 71, 857-867.	0.7	7
27	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.	2.6	6
28	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.	0.7	5
29	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.	1.6	5
30	Two new cyclopropane monoterpene epimers from <i>Varthemia iphionoides</i> of Jordanian origin. <i>Phytochemistry Letters</i> , 2018, 26, 60-63.	1.2	5
31	Sequencing Groebke-Blackburn-Bienaymé 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.	2.3	5
32	High Throughput Synthesis of Pyrazolopyrimidines via Copper-catalysed Cyclization and X-Ray Study. <i>Heterocycles</i> , 2005, 65, 1821.	0.7	5
33	A Convenient Synthesis of 1-Alkyl-7-chloro-6-fluoro-3-nitro-4-quinolones. <i>Letters in Organic Chemistry</i> , 2009, 6, 511-514.	0.5	4
34	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.	0.7	3
35	New Trends in 1,4-Dipolar Cycloaddition Reactions. Thermodynamic Control Synthesis of Model 2'-(isoquinolin-1-yl)-spiro[oxindole-3,3'-pyrrolines]. <i>Current Organic Chemistry</i> , 2022, 26, 542-549.	1.6	3
36	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.	0.7	2

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37	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.	0.7	2
38	2-(4-Methylphenyl)quinoline-4-carboxylic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2892-o2892.	0.2	2
39	Design and Synthesis of Aminoacetylenic Indole and Carbazole Hybrid Compounds. <i>ChemistrySelect</i> , 2020, 5, 6834-6839.	1.5	2
40	Synthesis, Characterization, and Antimicrobial Evaluation of New Furan-2-Carboxamide Derivatives. <i>Letters in Organic Chemistry</i> , 2021, 18, .	0.5	2
41	Nitroimidazoles Part 10. Synthesis, crystal structure, molecular docking, and anticancer evaluation of 4-nitroimidazole derivatives combined with piperazine moiety. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2023, 78, 93-103.	1.4	2
42	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.	0.7	1
43	trans-Dichlorido(2,2-dimethylpropane-1,3-diamine)bis(triphenylphosphane)ruthenium(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m731-m732.	0.2	1
44	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.	1.1	1
45	Facile Synthesis of Novel Aminopyrrolobenzimidazole System via Regioselective Amination. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 1530-1541.	2.6	1
46	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.	3.6	1
47	Synthesis, Crystal Structure, Spectroscopic and Computational Studies of 2-[1-[2-(1,3-Dimethyl-4-nitro-1H-pyrazol-5-yl)hydrazono]ethyl]pyridine. <i>Heterocycles</i> , 2019, 98, 224.	0.7	1
48	4-(4-Chlorophenyl)-1-(2-hydroxy-2,2-diphenylacetyl)thiosemicarbazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o2305-o2305.	0.2	1
49	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.	1.6	0
50	Synthesis and Properties of iso Viagra (X). A 2-Methyl-2H-pyrazolo[4,3-d]pyrimidin-7-one Isomer of Viagra. <i>ChemInform</i> , 2003, 34, no.	0.0	0
51	An Efficient One-Pot Synthesis of Pyrazolopyrimidines, Intermediates for Potential Phosphodiesterase Inhibitors. <i>ChemInform</i> , 2005, 36, no.	0.0	0
52	High Throughput Synthesis of Pyrazolopyrimidines via Copper-Catalyzed Cyclization and X-Ray Study. <i>ChemInform</i> , 2005, 36, no.	0.0	0
53	(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.	0.2	0
54	Synthesis, Characterization, and Crystal Structure of a Triazine Anion Pentafluoroosmium(VI) Complex. <i>Crystals</i> , 2018, 8, 63.	2.2	0

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55	The crystal structure of 3-(1 <i>H</i> -benzo[ <i>d</i> ]imidazol-2-yl)-7-chloro-1-cyclopropyl-6-fluoro-1,4-dihydroquinolin-2-ylidene dimethylsulfoxide (1/1), C <sub>21</sub> H <sub>19</sub> ClFN <sub>3</sub> O <sub>2</sub> S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2019, 234, 645-647.	0.3	0
56	Understanding the Formation of 5-(Diethylammoniothio)-1,3-dimethylbarbituric Acid: Crystal Structure and DFT Studies. Journal of Chemical Crystallography, 2021, 51, 215-224.	1.1	0
57	Synthesis and Properties of N1-(indan-5-yl)amidrazones Incorporating Piperazines and Related Congeners. Letters in Organic Chemistry, 2021, 18, 41-48.	0.5	0
58	Crystal structure of 3-(1-benzyl-2-ethyl-4-nitro-1 <i>H</i> -imidazol-5-ylthio)-propanoic acid, C <sub>15</sub> H <sub>17</sub> N <sub>3</sub> O <sub>4</sub> S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 751-753.	0.3	0
59	The crystal structure of 1-(N1-benzyl-2-methyl-4-nitro-imidazol-5-yl)-4-(prop-2-yn-1-yl) piperazine, C <sub>18</sub> H <sub>21</sub> N <sub>5</sub> O <sub>2</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2022, .	0.3	0