

# Mohamed R Shaaban

## List of Publications by Year in descending order

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52  
papers

1,381  
citations

304368

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1134  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, Antimicrobial and Anticancer Evaluations of Novel Thiazoles Incorporated Diphenyl Sulfone Moiety. Polycyclic Aromatic Compounds, 2022, 42, 2521-2537.	1.4	14
2	Microwaves assisted synthesis of antitumor agents of novel azoles, azines, and azoloazines pendant to phenyl sulfone moiety and molecular docking for VEGFR-2 kinase. Journal of Molecular Structure, 2022, 1249, 131657.	1.8	15
3	Fluorinated azole anticancer drugs: Synthesis, elaborated structure elucidation and docking studies. Arabian Journal of Chemistry, 2022, 15, 103782.	2.3	12
4	Design, synthesis, cytotoxicity, and molecular docking studies of novel thiazolyl-hydrazone derivatives as histone lysine acetyltransferase inhibitors and apoptosis inducers. Archiv Der Pharmazie, 2022, 355, e2200076.	2.1	11
5	Novel sulfonyl thiazolyl-hydrazone derivatives as EGFR inhibitors: Design, synthesis, biological evaluation and molecular docking studies. Bioorganic Chemistry, 2022, 121, 105684.	2.0	27
6	Synthesis of Thiazolyl-N-phenylmorpholine Derivatives and their Biological Activities. Medicinal Chemistry, 2021, 17, 790-805.	0.7	13
7	Recent Advances in the Functionalization of Azulene Through Pd-Catalyzed Cross-Coupling Reactions. ChemistrySelect, 2021, 6, 13664-13723.	0.7	8
8	Synthesis and DNA binding of novel bioactive thiazole derivatives pendent to N-phenylmorpholine moiety. Bioorganic Chemistry, 2020, 102, 104103.	2.0	20
9	Novel 2-indolinone thiazole hybrids as sunitinib analogues: Design, synthesis, and potent VEGFR-2 inhibition with potential anti-renal cancer activity. European Journal of Medicinal Chemistry, 2020, 208, 112752.	2.6	50
10	New Palladium(II)-Complex Based on Nitrogen Rich Ligand Efficient Precatalyst for C-C Cross-Coupling in Water Under Microwaves Irradiation. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 5133-5147.	1.9	6
11	Synthesis and Antimicrobial Evaluation of Novel Pyrazolopyrimidines Incorporated with Mono- and Diphenylsulfonyl Groups. Molecules, 2019, 24, 4009.	1.7	24
12	Pyrimidyl formamidine palladium(II) complex as a nanocatalyst for aqueous Suzuki-Miyaura coupling. Heliyon, 2019, 5, e01367.	1.4	13
13	Microwave-assisted and thermal synthesis of nanosized thiazolyl-phenothiazine derivatives and their biological activities. Research on Chemical Intermediates, 2019, 45, 127-154.	1.3	31
14	Novel Nano-sized Indoline Derivatives as Antitumor Agents. Journal of Heterocyclic Chemistry, 2019, 56, 391-399.	1.4	41
15	Recent Advances in Synthesis and Uses of Heterocycles-based Palladium(II) Complexes as Robust, Stable, and Low-cost Catalysts for Suzuki-Miyaura Crosscouplings. Current Organic Chemistry, 2019, 23, 1601-1662.	0.9	9
16	Microwave promoted Heck and Suzuki coupling reactions of new 3-(5-bromobenzofuranyl)pyrazole in aqueous media. Arkivoc, 2018, 2018, 348-358.	0.3	7
17	Indomethacin Analogs: Synthesis, Anti-inflammatory and Analgesic Activities of Indoline Derivatives. Mini-Reviews in Medicinal Chemistry, 2018, 18, 1409-1421.	1.1	18
18	Microwave assisted regioselective synthesis of novel pyrazoles and pyrazolopyridazines via fluorine containing building blocks. Journal of Molecular Structure, 2017, 1142, 122-129.	1.8	14

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19	Novel pyridine-based Pd(II)-complex for efficient Suzuki coupling of aryl halides under microwaves irradiation in water. <i>Chemistry Central Journal</i> , 2017, 11, 88.	2.6	3
20	Synthesis of novel N-heteroarylphenyl trifluoroacetamide derivatives under thermal and microwave conditions. <i>Arabian Journal of Chemistry</i> , 2017, 10, S2796-S2805.	2.3	2
21	Catalytic activity of some oxime-based Pd(II)-complexes in Suzuki coupling of aryl and heteroaryl bromides in water. <i>Arabian Journal of Chemistry</i> , 2017, 10, 473-479.	2.3	16
22	Microwave assisted regioselective synthesis and 2D-NMR studies of novel azoles and azoloazines utilizing fluorine-containing building blocks. <i>Journal of Molecular Structure</i> , 2016, 1121, 167-179.	1.8	25
23	Synthetic routes to benzosuberone-based fused- and spiro-heterocyclic ring systems. <i>RSC Advances</i> , 2016, 6, 17955-17979.	1.7	13
24	Regioselective synthesis and ab initio calculations of fused heterocycles thermally and under microwave irradiation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 148, 175-183.	2.0	6
25	Synthesis of heterocycles and fused heterocycles catalyzed by nanomaterials. <i>RSC Advances</i> , 2015, 5, 75659-75710.	1.7	40
26	Bis( $\alpha$ -bromo ketones): Versatile Precursors for Novel Bis(triazolo[3,4-b][1,3,4]thiadiazines) and Bis(thiazoles). <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1421-1428.	1.4	13
27	Microwave assisted synthesis of bis and tris( $\alpha$ -bromoacetophenones): versatile precursors for novel bis(imidazo[1,2-a]pyridines), bis(imidazo[1,2-a]pyrimidines) and their tris-analogs. <i>Chemistry Central Journal</i> , 2013, 7, 105.	2.6	5
28	Synthesis of Furo-, Pyrrolo-, and Thieno-Fused Heterocycles by Multi-Component Reactions (Part I) <i>ETQq0 0 0 rgBT/Overlock 10 Tf 50 3</i>	0.7	28
29	Microwave-Assisted Synthesis of Bis(enaminoketones): Versatile Precursors for Novel Bis(pyrazoles) via Regioselective 1,3-Dipolar Cycloaddition with Nitrileimines. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 1120-1125.	1.4	18
30	Recent advances in the therapeutic applications of pyrazolines. <i>Expert Opinion on Therapeutic Patents</i> , 2012, 22, 253-291.	2.4	109
31	Bis( $\alpha$ -bromo ketones): Versatile Precursors for Novel Bis(triazolo[3,4-b][1,3,4]thiadiazines) and Bis(triazino[3,4-b][1,3,4]thiadiazines). <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 640-645.	1.4	42
32	Single step synthesis of new fused pyrimidine derivatives and their evaluation as potent Aurora-A kinase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3690-3695.	2.6	68
33	Construction of fused heterocycles by metal-mediated [2+2+2] cyclotrimerization of alkynes and/or nitriles. <i>Tetrahedron</i> , 2011, 67, 6095-6130.	1.0	129
34	A Convenient Synthesis of Pyrazole-Substituted Heterocycles. <i>Journal of Chemical Research</i> , 2010, 34, 8-11.	0.6	16
35	Mizoroki-Heck cross-couplings of 2-acetyl-5-bromobenzofuran and aryl halides under microwave irradiation. <i>Arkivoc</i> , 2010, 2010, 208-225.	0.3	14
36	Electroorganic synthesis of gem-2,2-difluoro-3-aryl-2H-1,4-benzothiazine derivatives. <i>Electrochimica Acta</i> , 2009, 54, 2635-2639.	2.6	16

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37	Synthesis and Antimicrobial Evaluation of New Thiophene and 1,3,4-Thiadiazole Derivatives. <i>Heterocycles</i> , 2009, 78, 151.	0.4	35
38	An Efficient Single Step Synthesis of Pyridazine, Pyrazolo[5,1-c]-1,2,4-triazine, 1,2,4-Triazolo[5,1-c]-1,2,4-triazine and 1,2,4-Triazino[4,3-a]benzimidazole Derivatives. <i>Heterocycles</i> , 2009, 78, 699.	0.4	26
39	Application of (2Z)-3-dimethylamino-2-(1H-indole-3-carbonyl) acrylonitrile in the synthesis of novel 3-heteroarylindoles: condensed meridianine analogs. <i>Arkivoc</i> , 2009, 2009, 281-291.	0.3	15
40	Synthesis of novel pyrazolo[3,4-d]pyridazine, pyrido[1,2-a]benzimidazole, pyrimido[1,2-a]benzimidazole and triazolo[4,3-a]pyrimidine derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 1739-1744.	1.4	27
41	Microwave-assisted synthesis of fused heterocycles incorporating trifluoromethyl moiety. <i>Journal of Fluorine Chemistry</i> , 2008, 129, 1156-1161.	0.9	39
42	Synthesis and analgesic/anti-inflammatory evaluation of fused heterocyclic ring systems incorporating phenylsulfonyl moiety. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 6344-6352.	1.4	96
43	Synthesis and Antimicrobial Evaluation of Novel Pyrazolo[1,5-a]pyrimidine, Pyrimido[1,2-a]benzimidazole, Triazolo[4,3-a]pyrimidine and Pyrido[1,2-a]benzimidazole Derivatives Incorporated Phenylsulfonyl Moiety. <i>Heterocycles</i> , 2008, 75, 3005.	0.4	25
44	Regioselective synthesis of some novel pyrazoles, isoxazoles, pyrazolo[3,4-d]pyridazines and isoxazolo[3,4-d]pyridazines pendant to benzimidazole. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 177-181.	1.4	36
45	Synthesis and Antimicrobial Evaluation of Novel Pyrazolo[1,5-a]pyrimidine, Triazolo[1,5-a]pyrimidine and Pyrimido[1,2-a]benzimidazole Derivatives. <i>Heterocycles</i> , 2007, 71, 1765.	0.4	47
46	Electrolytic partial fluorination of organic compounds. Part 56: Highly regioselective anodic mono- and difluorination of s-triazolo[3,4-b][1,3,4]thiadiazine derivatives. <i>Tetrahedron Letters</i> , 2002, 43, 273-276.	0.7	33
47	Electrolytic Partial Fluorination of Organic Compounds. 59. Highly Regioselective Anodic Monofluorination of 2H-1,4-Pyrido[3,2-b]-1,4-oxazin-3(4H)-one Derivatives. <i>Heterocycles</i> , 2002, 57, 623.	0.4	12
48	Electrolytic Partial Fluorination of Organic Compounds. 47.1 Highly Regioselective Anodic Monofluorination of 2-Thiadiazolyl, 2-Oxadiazolyl, and 2-Triazolyl Sulfides. <i>Journal of Organic Chemistry</i> , 2001, 66, 5633-5636.	1.7	19
49	Highly Regioselective Anodic Monofluorination of 2H-1,4-Benzoxazin-3(4H)-one Derivatives. <i>Synlett</i> , 2001, 2001, 1644-1646.	1.0	17
50	Electrolytic Partial Fluorination of Organic Compounds. 42.1 Marked Solvent Effects on Regioselective Anodic Monofluorination of 4-Oxo-2-pyrimidyl Sulfides. <i>Journal of Organic Chemistry</i> , 2000, 65, 8685-8689.	1.7	50
51	Microwave-Assisted Synthesis of 2-Aryl and 2,5-Diarylthiophene Derivatives via Suzuki-Miyaura Cross-Coupling Using Novel Palladium Complex as a Catalyst. <i>Polycyclic Aromatic Compounds</i> , 0, , 1-15.	1.4	2
52	Recent Advances in the Functionalization of Azulene Through Rh <sup>+</sup> , Ir <sup>+</sup> , Ru <sup>+</sup> , Au <sup>+</sup> , Fe <sup>+</sup> , Ni <sup>+</sup> , and Cu <sup>+</sup> catalyzed Reactions. <i>Applied Organometallic Chemistry</i> , 0, , .	1.7	3