

Mohamed Rabie

List of Publications by Year in descending order

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40
papers

868
citations

471371

17
h-index

501076

28
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41
all docs

41
docs citations

41
times ranked

820
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in the therapeutic applications of pyrazolines. <i>Expert Opinion on Therapeutic Patents</i> , 2012, 22, 253-291.	2.4	109
2	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
3	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
4	Novel 2-indolinone thiazole hybrids as sunitinib analogues: Design, synthesis, and potent VEGFR-2 inhibition with potential anti-renal cancer activity. <i>European Journal of Medicinal Chemistry</i> , 2020, 208, 112752.	2.6	50
5	Bis(±α-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
6	Novel Nano-sized Indoline Derivatives as Antitumor Agents. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 391-399.	1.4	41
7	Synthesis of heterocycles and fused heterocycles catalyzed by nanomaterials. <i>RSC Advances</i> , 2015, 5, 75659-75710.	1.7	40
8	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
9	Microwave-assisted and thermal synthesis of nanosized thiazolyl-phenothiazine derivatives and their biological activities. <i>Research on Chemical Intermediates</i> , 2019, 45, 127-154.	1.3	31
10	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
11	Novel sulfonyl thiazolyl-hydrazone derivatives as EGFR inhibitors: Design, synthesis, biological evaluation and molecular docking studies. <i>Bioorganic Chemistry</i> , 2022, 121, 105684.	2.0	27
12	Synthesis and Antimicrobial Evaluation of Novel Pyrazolopyrimidines Incorporated with Mono- and Diphenylsulfonyl Groups. <i>Molecules</i> , 2019, 24, 4009.	1.7	24
13	Kinetic and mechanistic investigations on the oxidation of N ^h -heteroaryl unsymmetrical formamidines by permanganate in aqueous alkaline medium. <i>Transition Metal Chemistry</i> , 2014, 39, 379-386.	0.7	21
14	Synthesis and DNA binding of novel bioactive thiazole derivatives pendent to N-phenylmorpholine moiety. <i>Bioorganic Chemistry</i> , 2020, 102, 104103.	2.0	20
15	An overview on synthetic strategies for the construction of star-shaped molecules. <i>RSC Advances</i> , 2019, 9, 16606-16682.	1.7	19
16	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
17	Indomethacin Analogs: Synthesis, Anti-inflammatory and Analgesic Activities of Indoline Derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 1409-1421.	1.1	18
18	New formamidine ligands and their mixed ligand palladium(II) oxalate complexes: Synthesis, characterization, DFT calculations and in vitro cytotoxicity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 152, 358-369.	2.0	15

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19	Synthesis, Antimicrobial and Anticancer Evaluations of Novel Thiazoles Incorporated Diphenyl Sulfone Moiety. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 2521-2537.	1.4	14
20	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
21	Bis(<i>o</i> -bromo ketones): Versatile Precursors for Novel Bis(triazolo[3,4- <i>b</i>][1,3,4]thiadiazines) and Bis(thiazoles). <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1421-1428.	1.4	13
22	Synthetic routes to benzosuberone-based fused- and spiro-heterocyclic ring systems. <i>RSC Advances</i> , 2016, 6, 17955-17979.	1.7	13
23	Pyrimidyl formamidine palladium(II) complex as a nanocatalyst for aqueous Suzuki-Miyaura coupling. <i>Heliyon</i> , 2019, 5, e01367.	1.4	13
24	Synthesis of Thiazolyl-N-phenylmorpholine Derivatives and their Biological Activities. <i>Medicinal Chemistry</i> , 2021, 17, 790-805.	0.7	13
25	Design, synthesis, cytotoxicity, and molecular docking studies of novel thiazolylhydrazone derivatives as histone lysine acetyltransferase inhibitors and apoptosis inducers. <i>Archiv Der Pharmazie</i> , 2022, 355, e2200076.	2.1	11
26	Cytotoxicity, Docking Study of New Fluorinated Fused Pyrimidine Scaffold: Thermal and Microwave Irradiation Synthesis. <i>Medicinal Chemistry</i> , 2021, 17, 501-518.	0.7	10
27	Recent Advances in Synthesis and Uses of Heterocycles-based Palladium(II) Complexes as Robust, Stable, and Low-cost Catalysts for Suzuki- Miyaura Crosscouplings. <i>Current Organic Chemistry</i> , 2019, 23, 1601-1662.	0.9	9
28	Recent Advances in the Functionalization of Azulene Through Pd-Catalyzed Cross-Coupling Reactions. <i>ChemistrySelect</i> , 2021, 6, 13664-13723.	0.7	8
29	Microwave promoted Heck and Suzuki coupling reactions of new 3-(5-bromobenzofuranyl)pyrazole in aqueous media. <i>Arkivoc</i> , 2018, 2018, 348-358.	0.3	7
30	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
31	New Palladium(II)-Complex Based on Nitrogen Rich Ligand Efficient Precatalyst for C-C Cross-Coupling in Water Under Microwaves Irradiation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 5133-5147.	1.9	6
32	Microwave assisted synthesis of bis and tris(<i>o</i> -bromoacetophenones): versatile precursors for novel bis(imidazo[1,2- <i>a</i>]pyridines), bis(imidazo[1,2- <i>a</i>]pyrimidines) and their tris-analogs. <i>Chemistry Central Journal</i> , 2013, 7, 105.	2.6	5
33	Synthesis, Spectral Characteristics and DFT Studies of the New Dye 2,7-diacetyl-9-((dimethylamino)methylene)-9H-fluorene (DMMF) in Different Solvents. <i>Journal of Fluorescence</i> , 2015, 25, 1303-1314.	1.3	5
34	Recent Advances in Synthesis and Reactions of β -Amino- α,β -Enones (Enaminones). <i>Current Organic Synthesis</i> , 2021, 18, 639-684.	0.7	5
35	Studies with 1,3-diketones: A convenient synthesis of some tetrahydro-4H-benzopyran and tetrahydroquinoline derivatives. <i>Heteroatom Chemistry</i> , 1996, 7, 35-38.	0.4	3
36	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

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37	Assessing the nucleophilic character of 2-amino-4-arylthiazoles through coupling with 4,6-dinitrobenzofuroxan: Experimental and theoretical approaches based on structure-reactivity relationships. <i>Journal of Saudi Chemical Society</i> , 2020, 24, 754-764.	2.4	3
38	Recent Advances in the Functionalization of Azulene Through Rh ⁺ , Ir ⁺ , Ru ⁺ , Au ⁺ , Fe ⁺ , Ni ⁺ , and Cu ⁺ -catalyzed Reactions. <i>Applied Organometallic Chemistry</i> , 0, , .	1.7	3
39	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
40	An exhaustive compilation on the synthesis of heterocycles pendant on the fatty acid alkyl chains. <i>Current Organic Synthesis</i> , 2022, 19, .	0.7	0