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List of Publications by Year
in descending order

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52 papers	1,381 citations	304368 22 h-index	360668 35 g-index
72 all docs	72 docs citations	72 times ranked	1134 citing authors

#	Article	IF	Citations
1	Construction of fused heterocycles by metal-mediated [2+2+2] cyclotrimerization of alkynes and/or nitriles. Tetrahedron, 2011, 67, 6095-6130.	1.0	129
2	Recent advances in the therapeutic applications of pyrazolines. Expert Opinion on Therapeutic Patents, 2012, 22, 253-291.	2.4	109
3	Synthesis and analgesic/anti-inflammatory evaluation of fused heterocyclic ring systems incorporating phenylsulfonyl moiety. Bioorganic and Medicinal Chemistry, 2008, 16, 6344-6352.	1.4	96
4	Single step synthesis of new fused pyrimidine derivatives and their evaluation as potent Aurora-A kinase inhibitors. European Journal of Medicinal Chemistry, 2011, 46, 3690-3695.	2.6	68
5	Electrolytic Partial Fluorination of Organic Compounds. 42.1Marked Solvent Effects on Regioselective Anodic Monofluorination of 4-Oxo-2-pyrimidyl Sulfides. Journal of Organic Chemistry, 2000, 65, 8685-8689.	1.7	50
6	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
7	Synthesis and Antimicrobial Evaluation of Novel Pyrazolo[1,5-a]pyrimidine, Triazolo[1,5-a]pyrimidine and Pyrimido[1,2-a]benzimidazole Derivatives. Heterocycles, 2007, 71, 1765.	0.4	47
8	Bis(Î±â€bromo ketones): Versatile Precursors for Novel Bis(sâ€triazolo[3,4â€b][1,3,4]thiadiazines) and Bis(asâ€triazino[3,4â€b][1,3,4]thiadiazines). Journal of Heterocyclic Chemistry, 2012, 49, 640-645.	1.4	42
9	Novel Nanoâ€sized bisâ€indoline Derivatives as Antitumor Agents. Journal of Heterocyclic Chemistry, 2019, 56, 391-399.	1.4	41
10	Synthesis of heterocycles and fused heterocycles catalyzed by nanomaterials. RSC Advances, 2015, 5, 75659-75710.	1.7	40
11	Microwave-assisted synthesis of fused heterocycles incorporating trifluoromethyl moiety. Journal of Fluorine Chemistry, 2008, 129, 1156-1161.	0.9	39
12	Regioselective synthesis of some novel pyrazoles, isoxazoles, pyrazolo[3,4â€d]pyridazines and isoxazolo[3,4â€d]pyridazines pendant to benzimidazole. Journal of Heterocyclic Chemistry, 2007, 44, 177-181.	1.4	36
13	Synthesis and Antimicrobial Evaluation of New Thiophene and 1,3,4-Thiadiazole Derivatives. Heterocycles, 2009, 78, 151.	0.4	35
14	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. Tetrahedron Letters, 2002, 43, 273-276.	0.7	33
15	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
16	Synthesis of Furo-, Pyrrolo-, and Thieno-Fused Heterocycles by Multi-Component Reactions (Part) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	0.7	28
17	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. Journal of Heterocyclic Chemistry, 2008, 45, 1739-1744.	1.4	27
18	Novel sulfonyl thiazolyl-hydrazone derivatives as EGFR inhibitors: Design, synthesis, biological evaluation and molecular docking studies. Bioorganic Chemistry, 2022, 121, 105684.	2.0	27

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19	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. Heterocycles, 2009, 78, 699.	0.4	26
20	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. Heterocycles, 2008, 75, 3005.	0.4	25
21	Microwave assisted regioselective synthesis and 2D-NMR studies of novel azoles and azoloazines utilizing fluorine-containing building blocks. Journal of Molecular Structure, 2016, 1121, 167-179.	1.8	25
22	Synthesis and Antimicrobial Evaluation of Novel Pyrazolopyrimidines Incorporated with Mono- and Diphenylsulfonyl Groups. Molecules, 2019, 24, 4009.	1.7	24
23	Synthesis and DNA binding of novel bioactive thiazole derivatives pendent to N-phenylmorpholine moiety. Bioorganic Chemistry, 2020, 102, 104103.	2.0	20
24	Electrolytic Partial Fluorination of Organic Compounds. 47.1Highly Regioselective Anodic Monofluorination of 2-Thiadiazolyl, 2-Oxadiazolyl, and 2-Triazolyl Sulfides. Journal of Organic Chemistry, 2001, 66, 5633-5636.	1.7	19
25	Microwaveâ€Assisted Synthesis of Bis(enaminoketones): Versatile Precursors for Novel Bis(pyrazoles) viaRegioselective1,3â€Dipolar Cycloaddition with Nitrileimines. Journal of Heterocyclic Chemistry, 2012, 49, 1120-1125.	1.4	18
26	Indomethacin Analogs: Synthesis, Anti-inflammatory and Analgesic Activities of Indoline Derivatives. Mini-Reviews in Medicinal Chemistry, 2018, 18, 1409-1421.	1.1	18
27	Highly Regioselective Anodic Monofluorination of 2H-1,4-Benzoxazin-3(4H)-one Derivatives. Synlett, 2001, 2001, 1644-1646.	1.0	17
28	Electroorganic synthesis of gem-2,2-difluoro-3-aryl-2H-1,4-benzothiazine derivatives. Electrochimica Acta, 2009, 54, 2635-2639.	2.6	16
29	A Convenient Synthesis of Pyrazole-Substituted Heterocycles. Journal of Chemical Research, 2010, 34, 8-11.	0.6	16
30	Catalytic activity of some oxime-based Pd(II)-complexes in Suzuki coupling of aryl and heteroaryl bromides in water. Arabian Journal of Chemistry, 2017, 10, 473-479.	2.3	16
31	Application of (2Z)-3-dimethylamino-2-(1H-indole-3-carbonyl) acrylonitrile in the synthesis of novel 3-heteroarylindoles: condensed meridianine analogs. Arkivoc, 2009, 2009, 281-291.	0.3	15
32	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
33	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
34	Synthesis, Antimicrobial and Anticancer Evaluations of Novel Thiazoles Incorporated Diphenyl Sulfone Moiety. Polycyclic Aromatic Compounds, 2022, 42, 2521-2537.	1.4	14
35	Mizoroki-Heck cross-couplings of 2-acetyl-5-bromobenzofuran and aryl halides under microwave irradiation. Arkivoc, 2010, 2010, 208-225.	0.3	14
36	Bis(Î±â€bromo ketones): Versatile Precursors for Novel Bis(sâ€triazolo[3,4â€b][1,3,4]thiadiazines) and Bis(thiazoles). Journal of Heterocyclic Chemistry, 2015, 52, 1421-1428.	1.4	13

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37	Synthetic routes to benzosuberone-based fused- and spiro-heterocyclic ring systems. RSC Advances, 2016, 6, 17955-17979.	1.7	13
38	Pyrimidyl formamidine palladium(II) complex as a nanocatalyst for aqueous Suzuki-Miyaura coupling. Heliyon, 2019, 5, e01367.	1.4	13
39	Synthesis of Thiazolyl-N-phenylmorpholine Derivatives and their Biological Activities. Medicinal Chemistry, 2021, 17, 790-805.	0.7	13
40	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. Heterocycles, 2002, 57, 623.	0.4	12
41	Fluorinated azole anticancer drugs: Synthesis, elaborated structure elucidation and docking studies. Arabian Journal of Chemistry, 2022, 15, 103782.	2.3	12
42	Design, synthesis, cytotoxicity, and molecular docking studies of novel thiazolylâ€“hydrazone derivatives as histone lysine acetylâ€transferase inhibitors and apoptosis inducers. Archiv Der Pharmazie, 2022, 355, e2200076.	2.1	11
43	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
44	Recent Advances in the Functionalization of Azulene Through Pdâ€Catalyzed Crossâ€Coupling Reactions. ChemistrySelect, 2021, 6, 13664-13723.	0.7	8
45	Microwave promoted Heck and Suzuki coupling reactions of new 3-(5-bromobenzofuranyl)pyrazole in aqueous media. Arkivoc, 2018, 2018, 348-358.	0.3	7
46	Regioselective synthesis and ab initio calculations of fused heterocycles thermally and under microwave irradiation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 148, 175-183.	2.0	6
47	New Palladium(II)-Complex Based on Nitrogen Rich Ligand Efficient Precatalyst for Câ€“C Cross-Coupling in Water Under Microwaves Irradiation. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 5133-5147.	1.9	6
48	Microwave assisted synthesis of bis and tris(Ï‰-bromoacetophenones): versatile precursors for novel bis(imidazo[1,2-a]pyridines), bis(imidazo[1,2-a]pyrimidines) and their tris-analogs. Chemistry Central Journal, 2013, 7, 105.	2.6	5
49	Novel pyridine-based Pd(II)-complex for efficient Suzuki coupling of aryl halides under microwaves irradiation in water. Chemistry Central Journal, 2017, 11, 88.	2.6	3
50	Recent Advances in the Functionalization of Azulene Through Rhâ€, Irâ€, Ruâ€, Auâ€, Feâ€, Niâ€, and Cuâ€catalyzed Reactions. Applied Organometallic Chemistry, 0, , .	1.7	3
51	Synthesis of novel N-heteroarylphenyl trifluoroacetamide derivatives under thermal and microwave conditions. Arabian Journal of Chemistry, 2017, 10, S2796-S2805.	2.3	2
52	Microwave-Assisted Synthesis of 2-Aryl and 2,5-Diarylthiophene Derivatives via Suzuki-Miyaura Cross-Coupling Using Novel Palladium Complex as a Catalyst. Polycyclic Aromatic Compounds, 0, , 1-15.	1.4	2