

Abolfazl Olyaei

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	One-Pot Solvent- and Catalyst-Free Synthesis of Some New Heteroarylaminonaphthoquinones from Lawsone. <i>Letters in Organic Chemistry</i> , 2022, 19, 333-339.	0.5	3
2	A review on lawsone-based benzo[<i>a</i>]phenazin-5-ol: synthetic approaches and reactions. <i>RSC Advances</i> , 2022, 12, 13837-13895.	3.6	10
3	An Efficient One-Pot Pseudo Five-Component Synthesis of Bis-heteroarylaminomethylnaphthoquinone Mannich Bases from Lawsone. <i>ChemistrySelect</i> , 2022, 7, .	1.5	5
4	Solvent and catalyst-free synthesis of some new aminonaphthoquinones from lawsone, ninhydrin and heteroaryl amines. <i>Research on Chemical Intermediates</i> , 2021, 47, 1211-1219.	2.7	8
5	A green one-pot pseudo-five-component sequential protocol for the synthesis of novel 6,6'-bis(arylmethylene)bis(benzo[<i>a</i>]phenazin-5-ol) derivatives. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 704-712.	1.4	8
6	One-pot synthesis of novel (E)-3-(3,8-dihydro-2H-oxazolo[3,2- <i>a</i>]pyridin-2-ylidene)chroman-2-one derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 757-765.	2.6	4
7	Green synthesis of new lawsone enaminones and their <i>Z/E</i> (C=C)-isomerization induced by organic solvent. <i>RSC Advances</i> , 2021, 11, 12990-12994.	3.6	10
8	Recent progress on the synthesis of henna-based dibenzoxanthenes. <i>New Journal of Chemistry</i> , 2021, 45, 13669-13691.	2.8	9
9	4-Aminocoumarin derivatives: synthesis and applications. <i>New Journal of Chemistry</i> , 2021, 45, 5744-5763.	2.8	10
10	An efficient one-pot synthesis of novel 6-hydroxy-14-aryl-8H-dibenzo[<i>a,i</i>]xanthene-8,13(14H)-diones derived from lawsone. <i>Research on Chemical Intermediates</i> , 2021, 47, 2207.	2.7	9
11	Convenient one-pot synthesis of some novel heteroaryl aminoindandione derivatives. <i>Research on Chemical Intermediates</i> , 2021, 47, 2719-2730.	2.7	0
12	Synthesis and characterization of novel photochromic and pH-sensitive colorimetric hydrogel based on azobenzene. <i>Canadian Journal of Chemistry</i> , 2021, 99, 368-381.	1.1	0
13	Rapid and Green One-Pot Synthesis of Novel 2-(4-Hydroxy-2-oxo-2H-chromen-3-yl)-2-(arylamino)-1H-indene-1,3(2H)-diones. <i>Letters in Organic Chemistry</i> , 2021, 18, .	0.5	1
14	Recent advances in the synthesis of bis(pyrazolyl)methanes and their applications. <i>Research on Chemical Intermediates</i> , 2021, 47, 4399-4441.	2.7	11
15	Synthesis and characterization of nitro-functionalized hydroxyl-terminated polybutadiene using N-iodosuccinimide. <i>Polymer Bulletin</i> , 2020, 77, 4993-5004.	3.3	4
16	Recent developments in the synthesis and applications of furopyrazoles. <i>New Journal of Chemistry</i> , 2020, 44, 14791-14813.	2.8	11
17	Mannich bases derived from lawsone and their metal complexes: synthetic strategies and biological properties. <i>RSC Advances</i> , 2020, 10, 30265-30281.	3.6	14
18	Catalyst-free one-pot synthesis of a new class of <i>2</i> -furo[3,2- <i>c</i>]chromene-4(<i>3H</i>)-dione and arylamino-bis(coumarin)methane derivatives on water. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 3029-3036.	2.6	9

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19	Dihydronaphthofurans: synthetic strategies and applications. <i>RSC Advances</i> , 2020, 10, 5794-5826.	3.6	8
20	Synthesis and characterization of novel poly(HAzPMA-co-SA)/RDX/CdS nanocomposite as a polymer bonded explosive. <i>Canadian Journal of Chemistry</i> , 2020, 98, 755-763.	1.1	1
21	Platinum(II) complex with 4-nitro-N-(pyridin-2-ylmethylidene)aniline: synthesis, characterization, crystal structure and antioxidant activity. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020, 76, 1005-1009.	0.5	0
22	Guanidine hydrochloride catalyzed efficient one-pot pseudo five-component synthesis of 4,4'-(arylmethylene)bis(1H-pyrazol-5-ols) in water. <i>Synthetic Communications</i> , 2019, 49, 2717-2724.	2.1	15
23	Recent advances in the synthesis and synthetic applications of Betti base (aminoalkyl naphthol) and bis-Betti base derivatives. <i>RSC Advances</i> , 2019, 9, 18467-18497.	3.6	39
24	On-water one-pot four-component synthesis of novel 1H-furo[2,3-c]pyrazole-4-amine derivatives. <i>Research on Chemical Intermediates</i> , 2019, 45, 4383-4394.	2.7	17
25	Green synthetic approach toward new chromeno[4,3-b]quinoline and chromeno[4,3-b]pyridine derivatives. <i>Chemistry of Heterocyclic Compounds</i> , 2019, 55, 1104-1110.	1.2	16
26	Catalyst-free synthesis of novel 4H-indeno[1,2-b]furan-4-ones and furo[2,3-d]pyrimidines in water. <i>Synthetic Communications</i> , 2018, 48, 155-160.	2.1	17
27	Organocatalytic approach toward the green one-pot synthesis of novel benzo[f]chromenes and 12H-benzo[5,6]chromeno[2,3-b]pyridines. <i>Research on Chemical Intermediates</i> , 2018, 44, 943-956.	2.7	22
28	One-pot Synthesis of Novel 3-(Aryl(heteroaryl amino)methyl)chromene Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2971-2976.	2.6	7
29	Green Synthesis and Z/E-Isomerization of Novel Coumarin Enamines Induced by Organic Solvents. <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 934-939.	1.2	17
30	Catalyst-Free One-Pot Synthesis of Novel Heteroarylamine Substituted Furo[3,2-c]coumarins. <i>Synlett</i> , 2018, 29, 1589-1592.	1.8	10
31	An Efficient Synthesis, Evaluation of Parameters and Characterization of Nitro-Hydroxyl-Terminated Polybutadiene (Nitro-HTPB). <i>Propellants, Explosives, Pyrotechnics</i> , 2018, 43, 574-582.	1.6	10
32	An Efficient Synthesis of New Azide-Nitro-Hydroxyl-Terminated Polybutadiene by Na ₃ and (NH ₄) ₂ Ce(NO ₃) ₆ . <i>Propellants, Explosives, Pyrotechnics</i> , 2018, 43, 1065-1069.	1.6	2
33	An efficient and one-pot green synthesis of novel 6-oxo-7-aryl-6,7-dihydrochromeno pyrano[2,3-b]pyridine derivatives. <i>Tetrahedron Letters</i> , 2018, 59, 3567-3570.	1.4	17
34	Simple and Efficient Synthesis of Novel bis-Betti Bases via a One-Pot Pseudo-Five-Component Reaction. <i>Letters in Organic Chemistry</i> , 2017, 14, 103-108.	0.5	11
35	Water-Based Synthesis of Novel 6, 7-Dihydrobenzofuran (5 H) Ones. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1746-1750.	2.6	19
36	One-pot access to new tetrahydrobenzo[xanthen-11-ones and naphthopyranopyrimidines using 2,3-dihydroxynaphthalene. <i>Synthetic Communications</i> , 2016, 46, 1699-1707.	2.1	10

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37	Guanidine Hydrochloride: A Highly Efficient Organocatalyst for the Synthesis of 12-Aryl-8,9,10,12-tetrahydrobenzo[a]xanthene-11-ones Under Solvent-Free Conditions. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 981-988.		16
38	A novel approach toward the synthesis of some new tridentate Schiff bases from anil-like compounds. <i>Journal of the Serbian Chemical Society</i> , 2016, 81, 1111-1119.	0.8	6
39	Structure and Photoluminescence Properties of a New Nanostructure Tin(IV) Complex: A Precursor for Preparation of Pure Phase Nanosized SnO ₂ . <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 1137-1150.	3.7	6
40	Green and Catalyst-free One-pot Synthesis Of 2,3-dihydroquinazolin-4(1h)-ones in Water. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 899-902.	1.2	12
41	One-Pot Green Synthesis of Novel Polysubstituted 1,2-Dihydronaphtho[2,1-b]furans. <i>Synthetic Communications</i> , 2015, 45, 1311-1320.	2.1	10
42	Rapid and Efficient One-Pot Green Synthesis of 12-Aryl-8,9,10,12-tetrahydrobenzo[a]xanthene-11-ones Using Zr-MCM-41 Catalyst. <i>Synthetic Communications</i> , 2015, 45, 94-104.	2.1	18
43	A one-pot stereoselective synthesis of novel polyfunctionalized imidazolidines. <i>Tetrahedron Letters</i> , 2013, 54, 5730-5733.	1.4	10
44	Guanidine Hydrochloride Catalyzed, Rapid and Efficient One-Pot Synthesis of Naphthoxazinones Under Solvent-Free Conditions. <i>Chemistry of Heterocyclic Compounds</i> , 2013, 49, 1374-1377.	1.2	10
45	Novel approach to bis(indolyl)methanes using nickel nanoparticles as a reusable catalyst under solvent-free conditions. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 463-468.	0.8	9
46	A one-pot, pseudo four-component synthesis of novel benzopyrano[2,3-b]pyridines under solvent-free conditions. <i>Tetrahedron Letters</i> , 2013, 54, 1963-1966.	1.4	19
47	One-Pot Pseudo Five-Component Green Synthesis of Novel Bis-Betti Bases by the Mannich-Type Reaction. <i>Letters in Organic Chemistry</i> , 2013, 10, 311-316.	0.5	8
48	Synthesis of Novel Anil-Like Compounds from Heteroaryl Amines, Naphthols, and Triethylorthoformate Under Solvent-Free Conditions. <i>Synthetic Communications</i> , 2012, 42, 1650-1660.	2.1	6
49	An Efficient Green MCR Protocol for the Synthesis of New Betti Bases via Mannich-Type Reaction. <i>Letters in Organic Chemistry</i> , 2012, 9, 451-456.	0.5	13
50	Convenient and Efficient Method for the Synthesis of N-Heteroaryl Aminonaphthols under Solvent-Free Conditions. <i>Chinese Journal of Chemistry</i> , 2010, 28, 825-832.	4.9	18
51	A simple, solvent and catalyst-free green synthesis of novel N-[(1H-indol-3-yl)arylmethyl]heteroaryl amines. <i>Tetrahedron Letters</i> , 2010, 51, 6086-6089.	1.4	21
52	Synthesis of New Multibenzo Oxygen-Sulfur Donor Macrocycles Containing Lactams at Room Temperature. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 808-815.	1.6	3
53	One-Pot, Three-Component Coupling Reaction: Catalyst-Free Green Synthesis of Novel N-Heteroaryl β -Naphthylglycines. <i>Synthetic Communications</i> , 2010, 40, 3609-3617.	2.1	14
54	Simple and Efficient Procedure for the Synthesis of Symmetrical Bis-Schiff Bases of 5,5'-Methylenebis(2-aminothiazole) Under Solvent-Free Conditions. <i>Synthetic Communications</i> , 2010, 40, 2531-2538.	2.1	14

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55	Synthesis of novel naphth[1,2- <i>b</i>][1,4]oxazepine-3,4-dione heterocycles. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 914-918.	2.6	11
56	Solvent- and Catalyst-Free Synthesis of New Unsymmetrical Multidentate Thio-bis-aminophenol Ligands by Mannich Condensation. <i>Synthetic Communications</i> , 2009, 39, 2347-2359.	2.1	8
57	A convenient synthesis of novel symmetrical bis-Schiff bases of 2, 2'-thio-bis[4-methyl(2-aminophenoxy)phenyl ether] in solution and under solvent-free conditions. <i>Journal of Chemical Research</i> , 2009, 2009, 656-658.	1.3	5
58	Synthesis of novel symmetrical bis-schiff bases of 5,5'-methylenebis(2-aminothiazole). <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 1473-1475.	2.6	5
59	One-Pot, Three-Component Uncatalyzed Quantitative Synthesis of New Aminonaphthols (Betti Bases) in Water. <i>Synthetic Communications</i> , 2008, 38, 4125-4138.	2.1	43
60	Four-Component Cyclocondensation of Aminodiazines, Glyoxal, Formaldehyde, and Methanol to Imidazolidines. <i>Synthetic Communications</i> , 2007, 37, 247-256.	2.1	2
61	Evidences of some unusual behaviours of 2-aminothiazol and 2-aminobenzothiazol in reactions with formaldehyde and glyoxal. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 323-327.	2.6	13
62	Synthesis of New Unsymmetrical 4,5-Dihydroxy-2-imidazolidinones. Dynamic NMR Spectroscopic Study of the Prototropic Tautomerism in 1-(2-Benzimidazolyl)-3-phenyl-4,5-dihydroxy-2-imidazolidinone. <i>Molecules</i> , 2006, 11, 768-775.	3.8	4
63	Novel Reaction of N,N'-Bisaryl-methanediamines with Formaldehyde. Synthesis of Some New 1,3,5-Triaryl-1,3,5-hexahydrotriazines. <i>Molecules</i> , 2006, 11, 556-563.	3.8	9
64	One-Pot stereoselective synthesis of <i>trans</i> -4,5-dialkoxy-1,3-bis(2-pyrimidinyl)imidazolidines through a three-component reaction. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 791-794.	2.6	5