

Mohammad Hosein Sayahi

List of Publications by Year in descending order

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papers

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Algal magnetic nickel oxide nanocatalyst in accelerated synthesis of pyridopyrimidine derivatives. <i>Scientific Reports</i> , 2021, 11, 6296.	3.3	67
2	Sulfonic acid-functionalized poly(4-styrenesulfonic acid) mesoporous graphene oxide hybrid for one-pot preparation of coumarin-based pyrido[2,3-d]pyrimidine-dione derivatives. <i>Research on Chemical Intermediates</i> , 2020, 46, 491-507.	2.7	30
3	Novel marine-based gold nanocatalyst in solvent-free synthesis of polyhydroquinoline derivatives: Green and sustainable protocol. <i>Applied Organometallic Chemistry</i> , 2020, 34, e6000.	3.5	30
4	Copper (II)-supported polyethylenimine-functionalized magnetic graphene oxide as a catalyst for the green synthesis of 2-arylquinazolin-4(3H)-ones. <i>Research on Chemical Intermediates</i> , 2018, 44, 5241-5253.	2.7	22
5	Caffeine-H ₃ PO ₄ : a novel acidic catalyst for various one-pot multicomponent reactions. <i>Research on Chemical Intermediates</i> , 2017, 43, 6521-6536.	2.7	21
6	CuBr-catalysed one-pot multicomponent synthesis of 3-substituted 2-thioxo-2,3-dihydroquinazolin-4(1 <i>H</i>)-one derivatives. <i>Applied Organometallic Chemistry</i> , 2019, 33, 54635.	3.5	20
7	One-pot multi-component process for the synthesis of 4-azaphenanthrene-3,10-dione, 1,8-dioxo-octahydroxanthene and tetrahydrobenzo[<i>b</i>]pyran derivatives catalyzed by the deep eutectic solvent choline chloride-oxalic acid. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020, 75, 269-279.	0.7	14
8	SBA-15-SO ₃ H-assisted preparation of 4-aza-phenanthrene-3,10-dione derivatives via a one-pot, four-component reaction. <i>Research on Chemical Intermediates</i> , 2018, 44, 739-747.	2.7	10
9	An efficient method for the synthesis of new derivatives of 2,4,6-triarylpyridines as cytotoxic agents. <i>Research on Chemical Intermediates</i> , 2020, 46, 1153-1163.	2.7	10
10	Electrochemical synthesis of three-dimensional flower-like Ni/Co-BTC bimetallic organic framework as heterogeneous catalyst for solvent-free and green synthesis of substituted chromeno[4,3- <i>b</i>]quinolones. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 620-629.	1.4	9
11	Reaction between Furan or Thiophene-2-carbonyl Chloride, Isocyanides, and Dialkyl Acetylenedicarboxylates: Multicomponent Synthesis of 2,2-Bifurans and 2-(Thiophen-2-yl)furans. <i>Helvetica Chimica Acta</i> , 2015, 98, 1231-1239.	1.6	8
12	Metal-free, air-promoted, radical-mediated arylation of benzoquinone with phenylhydrazines. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2018, 73, 703-706.	0.7	6
13	Pd@Py ₂ PZ@MSN as a Novel and Efficient Catalyst for C-C Bond Formation Reactions. <i>Frontiers in Chemistry</i> , 2022, 10, 838294.	3.6	6
14	Sulfonic Acid Functionalized Magnetic Starch as an Efficient Catalyst for the Synthesis of Chromeno[4,3- <i>b</i>]quinoline-6,8(9 <i>H</i>)-dione Derivatives. <i>Starch/Staerke</i> , 2021, 73, 2000257.	2.1	5
15	Efficient synthesis of chromeno[4,3- <i>b</i>]pyrano[3,4- <i>e</i>]pyridine-6,8-dione derivatives via multicomponent one-pot reaction under mild reaction conditions in water. <i>Research on Chemical Intermediates</i> , 2021, 47, 4101-4112.	2.7	5
16	Bi Metal-Organic Framework (Ce/Ni-BTC) as Heterogeneous Catalyst for the Green Synthesis of Substituted Chromeno[4,3- <i>b</i>]quinolone under Solvent Free Condition. <i>Current Organic Synthesis</i> , 2021, 18, 475-482.	1.3	5
17	A Novel Copper-Catalyzed Preparation of Pyrido[1,2- <i>a</i>]pyrimidine Derivatives. <i>Synlett</i> , 2016, 27, 1359-1362.	1.8	4
18	Efficient copper-catalyzed synthesis of 2-arylbenzimidazole derivatives by reaction of 1-fluoro-2-nitrobenzene with benzamidine hydrochlorides. <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 351-354.	1.2	4

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19	Catalyst-free three-component synthesis of 2-amino-4,6-diarylpyridine-3-carbonitriles under solvent-free conditions. <i>Chemistry of Heterocyclic Compounds</i> , 2019, 55, 725-728.	1.2	4
20	Synthesis of quinazolin-4(3H)-ones via the reaction of isatoic anhydride with benzyl azides in the presence of potassium tert-butoxide in DMSO. <i>Chemistry of Heterocyclic Compounds</i> , 2019, 55, 964-967.	1.2	4
21	Cu(OAc) ₂ Catalyzed Synthesis of Novel Chromeno [4,3- <i>b</i>]Pyrano[3,4- <i>e</i>]Pyridine-6,8-Dione Derivatives via a One-Pot Multicomponent Reaction in Water under Mild Reaction Conditions. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 3391-3400.	2.6	4
22	One-pot Preparation of Novel 1,4-Dihydropyridines in the Presence of SBA-15-SO ₃ H. <i>Organic Preparations and Procedures International</i> , 2020, 52, 468-473.	1.3	3
23	A Convenient Method for the Synthesis of Chromeno[4,3- <i>b</i>]pyridines Via Three-component Reaction. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2018, 21, 344-348.	1.1	2
24	Synthesis of 2,4,5-Triaryl-1H-Imidazoles under Kornblum Oxidative Condition. <i>Letters in Organic Chemistry</i> , 2018, 15, 530-533.	0.5	0