

Seyed Sajad Sajadikhah

List of Publications by Year in descending order

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40
papers

645
citations

471509

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h-index

580821

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g-index

41
all docs

41
docs citations

41
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401
citing authors

#	ARTICLE	IF	CITATIONS
1	One-pot five-component synthesis of highly functionalized piperidines using oxalic acid dihydrate as a homogenous catalyst. <i>Chinese Chemical Letters</i> , 2012, 23, 569-572.	9.0	50
2	One-pot multicomponent synthesis of highly substituted piperidines using p-toluenesulfonic acid monohydrate as catalyst. <i>Monatshefte für Chemie</i> , 2012, 143, 939-945.	1.8	48
3	Al(H ₂ PO ₄) ₃ as an efficient and reusable catalyst for the multi-component synthesis of highly functionalized piperidines and dihydro-2-oxypyrroles. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 863-871.	2.2	44
4	An efficient synthesis of α -amino phosphonates using silica sulfuric acid as a heterogeneous catalyst. <i>Heteroatom Chemistry</i> , 2009, 20, 316-318.	0.7	37
5	Synthesis of Highly Functionalized Piperidines via One-Pot, Five-Component Reactions in the Presence of Acetic Acid Solvent. <i>Synthetic Communications</i> , 2013, 43, 635-644.	2.1	37
6	A novel dicationic ionic liquid as a highly effectual and dual-functional catalyst for the synthesis of 3-methyl-4-arylmethylene-isoxazole-5(4H)-ones. <i>Research on Chemical Intermediates</i> , 2018, 44, 6253-6266.	2.7	35
7	Trityl chloride as an efficient organic catalyst for one-pot, five-component and diastereoselective synthesis of highly substituted piperidines. <i>Research on Chemical Intermediates</i> , 2014, 40, 723-736.	2.7	31
8	Al(H ₂ PO ₄) ₃ as an Efficient and Reusable Catalyst for One-pot Three-component Synthesis of α -Amino Phosphonates under Solvent-free Conditions. <i>Chinese Journal of Chemistry</i> , 2010, 28, 285-288.	4.9	28
9	Coupling of amines, dialkyl acetylenedicarboxylates and formaldehyde promoted by [n-Bu ₄ N][HSO ₄]: an efficient synthesis of highly functionalized dihydro-2-oxopyrroles and bis-dihydro-2-oxopyrroles. <i>Research on Chemical Intermediates</i> , 2014, 40, 737-748.	2.7	27
10	Nano-2-(dimethylamino)-N-(silica-n-propyl)-N,N-dimethylethanaminium chloride as a novel basic catalyst for the efficient synthesis of pyrido[2,3-d:6,5-d']dipyrimidines. <i>New Journal of Chemistry</i> , 2019, 43, 2247-2257.	2.8	27
11	ZrCl ₄ as an efficient catalyst for one-pot four-component synthesis of polysubstituted dihydropyrrol-2-ones. <i>Research on Chemical Intermediates</i> , 2016, 42, 2805-2814.	2.7	24
12	One-Pot Three-Component Synthesis of Highly Substituted Piperidines Using 1-Methyl-2-Oxopyrrolidinium Hydrogen Sulfate. <i>Journal of Chemical Research</i> , 2012, 36, 463-467.	1.3	23
13	A One-pot Multi-component Synthesis of N-aryl-3-aminodihydropyrrol-2-one-4-carboxylates Catalysed by Oxalic Acid Dihydrate. <i>Journal of Chemical Research</i> , 2013, 37, 40-42.	1.3	22
14	Fe(NO ₃) ₃ ·9H ₂ O as Efficient Catalyst for One-pot Synthesis of Highly Functionalized Piperidines. <i>Journal of the Chinese Chemical Society</i> , 2013, 60, 355-358.	1.4	21
15	One-Pot, Three-Component Synthesis of α -Amino Phosphonates Using NaHSO ₄ -SiO ₂ as an Efficient and Reusable Catalyst. <i>Synthetic Communications</i> , 2012, 42, 136-143.	2.1	20
16	A simple and green approach for the synthesis of polyfunctionalized mono- and bis-dihydro-2-oxopyrroles catalyzed by trityl chloride. <i>RSC Advances</i> , 2014, 4, 43454-43459.	3.6	19
17	Green and facile synthesis of dihydropyrrol-2-ones and highly substituted piperidines using ethylenediammonium diformate (EDDF) as a reusable catalyst. <i>Research on Chemical Intermediates</i> , 2016, 42, 7005-7016.	2.7	18
18	An efficient and simple synthesis of α -amino phosphonates as "drug like" molecules catalyzed by silica-supported perchloric acid (HClO ₄ ·SiO ₂). <i>Arabian Journal of Chemistry</i> , 2011, 4, 481-485.	4.9	16

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19	Al(H ₂ PO ₄) ₃ as an efficient and recyclable catalyst for the one-pot synthesis of naphthopyranopyrimidines. <i>RSC Advances</i> , 2015, 5, 28038-28043.	3.6	15
20	Facile One-pot Synthesis of Substituted Dihydropyrrol-2-ones via Four-component Domino Reaction of Amines, Dialkyl Acetylenedicarboxylates and Formaldehyde. <i>Journal of the Chinese Chemical Society</i> , 2013, 60, 1003-1006.	1.4	14
21	A green and efficient one-pot three-component synthesis of dihydropyrano[3,2-c]chromenes using NaCl in hydroalcoholic media. <i>Research on Chemical Intermediates</i> , 2015, 41, 8665-8672.	2.7	14
22	Recent approaches to the synthesis of thieno[2,3-b]pyridines (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2019, 55, 1171-1173.	1.2	11
23	Ionic liquid-catalyzed synthesis of triazoloquinazolinones, chromeno[4,3-d]benzothiazolopyrimidines and benzoimidazopyrimidine derivatives. <i>Research on Chemical Intermediates</i> , 2020, 46, 3263-3275.	2.7	11
24	Triphenylarsine as an Efficient Catalyst in Diastereospecific Synthesis of N-Vinyl Heterocyclic Compounds. <i>Synthetic Communications</i> , 2011, 41, 569-578.	2.1	9
25	An Efficient One-pot Access to Substituted Dihydropyrrol-2-one Derivatives Using Sucrose as Natural, Biodegradable and Inexpensive Catalyst. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 217-220.	1.4	8
26	Efficient and extremely facile one-pot four-component synthesis of mono and bis-N-aryl/alkyl-3-aminodihydropyrrol-2-one-4-carboxylates catalyzed by p-TsOH·H ₂ O. <i>Research on Chemical Intermediates</i> , 2015, 41, 2503-2511.	2.7	6
27	Recent methods of 4-quinolone synthesis (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 587-589.	1.2	4
28	Synthesis of pyrrolo[2,3-d]pyrimidines (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2019, 55, 1168-1170.	1.2	4
29	Recent developments in the synthesis of piperazines (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2021, 57, 905-907.	1.2	4
30	Synthesis of 1H-pyrrol-2(5H)-ones (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 122-124.	1.2	3
31	1,4-Dithiane-2,5-diol in the synthesis of thiophenes (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 581-583.	1.2	3
32	Multi-component synthesis of piperidines and dihydropyrrol-2-one derivatives catalyzed by a dual-functional ionic liquid. <i>Journal of Chemical Research</i> , 2020, 44, 20-24.	1.3	3
33	Synthesis and characterization of a novel organic-inorganic hybrid salt and its application as a highly effectual Brønsted-Lewis acidic catalyst for the production of N, N-alkylidene bisamides. <i>Applied Organometallic Chemistry</i> , 2021, 35, .	3.5	3
34	Synthesis of 2H-thiochromene derivatives (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2021, 57, 1073-1075.	1.2	3
35	Recent applications of isothiocyanates in thiophene synthesis (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 1020-1022.	1.2	1
36	Green Synthesis of Benzoimidazopyrimidine, Benzimidazoloquinazolinone, Triazolopyrimidine and Triazoloquinazolinone Derivatives Catalyzed by Oxalic Acid Dihydrate. <i>Letters in Organic Chemistry</i> , 2022, 19, 214-221.	0.5	1

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37	Highly effective synthesis of 1-thioamidoalkyl-2-naphthols and tetrahydropyridines using a nanostructured silica-based catalyst under mild conditions. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2020, 23, .	1.1	1
38	An efficient one-pot synthesis of C-alkylated phenols and benzofuran derivatives with phosphanylidene substituents. <i>Research on Chemical Intermediates</i> , 2015, 41, 2609-2617.	2.7	0
39	Synthetic methods for spirofuran-2(5H)-ones (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2019, 55, 1165-1167.	1.2	0
40	Methods for the synthesis of quinoxalin-2-ones (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2020, 56, 515-517.	1.2	0