

Jia-Rong Li

List of Publications by Year in descending order

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34
papers

620
citations

687363

13
h-index

610901

24
g-index

36
all docs

36
docs citations

36
times ranked

751
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct C-H sulfenylation of quinoxalinones with thiols under visible-light-induced photocatalyst-free conditions. <i>Green Chemistry</i> , 2019, 21, 6241-6245.	9.0	94
2	A New and Facile Synthesis of Quinazoline-2,4(1 <i>H</i>)-diones. <i>Organic Letters</i> , 2009, 11, 1193-1196.	4.6	85
3	Microwave-assisted synthesis of 2,3-dihydropyrido[2,3- <i>d</i>]pyrimidin-4(1 <i>H</i>)-ones catalyzed by DBU in aqueous medium. <i>Green Chemistry</i> , 2012, 14, 945.	9.0	39
4	Investigation of the Reaction of α -Aminonitriles with Ketones: A New Modification of FriedlÄnder Reaction and Structures of Its Products. <i>Synlett</i> , 2008, 2008, 233-236.	1.8	36
5	Copper-catalyzed tandem N-arylation/condensation: synthesis of quinazolin-4(3 <i>H</i>)-ones from 2-halobenzonitriles and amides. <i>RSC Advances</i> , 2014, 4, 44811-44814.	3.6	31
6	Facile and One-Pot Synthesis of 1,2-Dihydroquinazolin-4(3 <i>H</i>)-ones via Tandem Intramolecular Pinner/Dimroth Rearrangement. <i>Synthetic Communications</i> , 2010, 40, 632-641.	2.1	29
7	Hygroscopicity and Compositional Evolution of Atmospheric Aerosols Containing Water-Soluble Carboxylic Acid Salts and Ammonium Sulfate: Influence of Ammonium Depletion. <i>Environmental Science & Technology</i> , 2019, 53, 6225-6234.	10.0	29
8	Aluminum Complexes Containing the O-Al-O-C Framework as Efficient Initiators for Ring-Opening Polymerization of ϵ -Caprolactone. <i>Organometallics</i> , 2015, 34, 105-108.	2.3	28
9	The Divergent Transformations of Aromatic α -Aminonitrile with Carbonyl Compound. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 533-542.	2.6	26
10	Synthesis of 1,2-dihydro-4 <i>H</i> -3,1-benzoxazine derivatives via ZnCl ₂ catalyzed cyclocondensation reaction. <i>Tetrahedron</i> , 2006, 62, 7999-8005.	1.9	23
11	Synthesis and Characterization of a Thermally and Hydrolytically Stable Energetic Material based on N-Nitrourea. <i>Propellants, Explosives, Pyrotechnics</i> , 2014, 39, 662-669.	1.6	21
12	Direct amination of azoles using CuCl ₂ complexes of amines under mild conditions. <i>RSC Advances</i> , 2013, 3, 9622.	3.6	18
13	Simultaneous Synthesis of Pyrazolopyridines and Pyrazolopyrimidinones Under Microwave Irradiation. <i>Synthetic Communications</i> , 2009, 39, 4010-4018.	2.1	14
14	A Divergent Synthesis of 1,8-Naphthyridines and Hydropyridopyrimidinones by the Reactions of α -Aminonitriles with Ketones. <i>Chinese Journal of Chemistry</i> , 2013, 31, 443-448.	4.9	14
15	Cationic Palladium(II) Complexes for Catalytic Wacker-type Oxidation of Styrenes to Ketones Using O ₂ as the Sole Oxidant. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5604-5608.	2.0	14
16	Synthesis and Structural Characterization of Compounds Containing the O-Al-O-Al Motif. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 2618-2622.	1.2	12
17	Solubility of 3,7,9,11-Tetraoxo-2,4,6,8,10-pentaaza[3.3.3] Propellane (TOPAP) in Different Pure Solvents at Temperatures between 273.15 and 318.15 K. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 3277-3285.	1.9	12
18	α -Heterocyclic Carbene-catalyzed Reactions of α -Aminonitriles with Carbonyl Compounds Approach to 2,3-Dihydroquinazolin-4(1 <i>H</i>)-ones. <i>Chinese Journal of Chemistry</i> , 2014, 32, 865-870.	4.9	11

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19	One-pot NHC-assisted access to 2,3-dihydropyrimido[4,5-d]pyrimidin-4(1H)-ones. RSC Advances, 2014, 4, 35629-35634.	3.6	11
20	Novel synthesis of 2H-3,1-benzoxazine derivatives. Journal of Heterocyclic Chemistry, 2006, 43, 745-748.	2.6	9
21	A convenient four-component one-pot strategy toward the synthesis of pyrazolo[3,4-d]pyrimidines. Beilstein Journal of Organic Chemistry, 2015, 11, 2125-2131.	2.2	9
22	Base-catalyzed one-pot tandem reaction: an effective strategy for the synthesis of pyrazolo[3,4-d]pyrimidinone derivatives. Tetrahedron, 2015, 71, 7658-7662.	1.9	8
23	An innovative synthesis of tertiary hydroxyl thieno[2,3-d]pyrimidinone skeleton: natural-like product from the tandem reaction of o-aminothionitrile and carbonyl compound. Tetrahedron Letters, 2016, 57, 2455-2461.	1.4	8
24	Synthesis of 1,6-bis(trimethylsilylamino)benzene-Substituted Aluminum Hydrides: The Characterization of a Product from Ring-Opening Reaction of Tetrahydrofuran. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1081-1085.	1.2	7
25	Semi-synthesis and insecticidal activity of spinetoram J and its D-forosamine replacement analogues. Beilstein Journal of Organic Chemistry, 2018, 14, 2321-2330.	2.2	7
26	Design, Synthesis, and Biological Activity Studies of Istradefylline Derivatives Based on Adenine as A _{2A} Receptor Antagonists. ACS Omega, 2021, 6, 4386-4394.	3.5	7
27	Modified Preparation and Purification of 3-(2,4,6-Trinitrobenzyl) Amino-1,2,4-Triazole. Propellants, Explosives, Pyrotechnics, 1999, 24, 95-95.	1.6	3
28	A semisynthesis of 3'-O-ethyl-5,6-dihydrospinosyn J based on the spinosyn A aglycone. Beilstein Journal of Organic Chemistry, 2017, 13, 2603-2609.	2.2	3
29	Synthesis and properties of sildenafil isostere. Archiv Der Pharmazie, 2021, 354, e2100145.	4.1	3
30	Design and Synthesis of Hydrolytically Stable N-Nitrourea Explosives. Propellants, Explosives, Pyrotechnics, 2015, 40, 908-913.	1.6	2
31	Investigation on the hydrolytic mechanism of cucurbit[6]uril in alkaline solution. Royal Society Open Science, 2018, 5, 180038.	2.4	2
32	ZnCl ₂ -promoted domino reaction of 2-hydroxybenzonitriles with ketones for synthesis of 1,3-benzoxazin-4-ones. RSC Advances, 2021, 11, 29906-29911.	3.6	2
33	Design and synthesis of five-membered heterocyclic derivatives of istradefylline with comparable pharmacological activity. Chemical Biology and Drug Design, 2022, 100, 534-552.	3.2	2
34	A novel semi-synthesis of spinetoram-J based on the selective hydrolysis of 5,6-dihydro spinosyn A. Natural Product Research, 2019, 33, 2801-2808.	1.8	1