

Jia-Rong Li

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papers

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12
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21
g-index

36
ext. papers

557
ext. citations

3.3
avg, IF

3.34
L-index

#	Paper	IF	Citations
33	A new and facile synthesis of quinazoline-2,4(1H,3H)-diones. <i>Organic Letters</i> , 2009 , 11, 1193-6	6.2	77
32	Direct C-H sulfenylation of quinoxalinones with thiols under visible-light-induced photocatalyst-free conditions. <i>Green Chemistry</i> , 2019 , 21, 6241-6245	10	60
31	Microwave-assisted synthesis of 2,3-dihydropyrido[2,3-d]pyrimidin-4(1H)-ones catalyzed by DBU in aqueous medium. <i>Green Chemistry</i> , 2012 , 14, 945	10	33
30	Investigation of the Reaction of o-Aminonitriles with Ketones: A New Modification of Friedländer Reaction and Structures of Its Products. <i>Synlett</i> , 2008 , 2008, 233-236	2.2	30
29	Copper-catalyzed tandem N-arylation/condensation: synthesis of quinazolin-4(3H)-ones from 2-halobenzonitriles and amides. <i>RSC Advances</i> , 2014 , 4, 44811-44814	3.7	27
28	Aluminum Complexes Containing the C ₂ D ₂ Framework as Efficient Initiators for Ring-Opening Polymerization of ε-Caprolactone. <i>Organometallics</i> , 2015 , 34, 105-108	3.8	25
27	Facile and One-Pot Synthesis of 1,2-Dihydroquinazolin-4(3H)-ones via Tandem Intramolecular Pinner/Dimroth Rearrangement. <i>Synthetic Communications</i> , 2010 , 40, 632-641	1.7	23
26	The Divergent Transformations of Aromatic o-Aminonitrile with Carbonyl Compound. <i>Journal of Heterocyclic Chemistry</i> , 2012 , 49, 533-542	1.9	20
25	Synthesis of 1,2-dihydro-4H-3,1-benzoxazine derivatives via ZnCl ₂ catalyzed cyclocondensation reaction. <i>Tetrahedron</i> , 2006 , 62, 7999-8005	2.4	20
24	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	10.3	18
23	Direct amination of azoles using CuCl ₂ complexes of amines under mild conditions. <i>RSC Advances</i> , 2013 , 3, 9622	3.7	17
22	Synthesis and Characterization of a Thermally and Hydrolytically Stable Energetic Material based on N-Nitrourea. <i>Propellants, Explosives, Pyrotechnics</i> , 2014 , 39, 662-669	1.7	15
21	A Divergent Synthesis of 1,8-Naphthyridines and Hydropyridopyrimidinones by the Reactions of o-Aminonitriles with Ketones. <i>Chinese Journal of Chemistry</i> , 2013 , 31, 443-448	4.9	12
20	Simultaneous Synthesis of Pyrazolopyridines and Pyrazolopyrimidinones Under Microwave Irradiation. <i>Synthetic Communications</i> , 2009 , 39, 4010-4018	1.7	12
19	Synthesis and Structural Characterization of Compounds Containing the Al ₂ O ₃ Motif. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 2618-2622	1.3	10
18	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	2.8	10
17	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	2.3	9

16	One-pot NHC-assisted access to 2,3-dihydropyrimido[4,5-d]pyrimidin-4(1H)-ones. <i>RSC Advances</i> , 2014 , 4, 35629-35634	3-7	8
15	N-Heterocyclic Carbene-catalyzed Reactions of o-Aminonitriles with Carbonyl Compounds Approach to 2,3-Dihydroquinazolin-4(1H)-ones. <i>Chinese Journal of Chemistry</i> , 2014 , 32, 865-870	4-9	7
14	Synthesis of 1, 6-Bis(trimethylsilylamino)benzene-Substituted Aluminum Hydrides: The Characterization of a Product from Ring-Opening Reaction of Tetrahydrofuran. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 1081-1085	1-3	7
13	Novel synthesis of 2H-3,1-benzoxazine derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2006 , 43, 745-748	1-9	7
12	An innovative synthesis of tertiary hydroxyl thieno[2,3-d]pyrimidinone skeleton: natural-like product from the tandem reaction of o-aminothienonitrile and carbonyl compound. <i>Tetrahedron Letters</i> , 2016 , 57, 2455-2461	2	6
11	Base-catalyzed one-pot tandem reaction: an effective strategy for the synthesis of pyrazolo[3,4-d]pyrimidinone derivatives. <i>Tetrahedron</i> , 2015 , 71, 7658-7662	2-4	5
10	A convenient four-component one-pot strategy toward the synthesis of pyrazolo[3,4-d]pyrimidines. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 2125-31	2-5	5
9	Semi-synthesis and insecticidal activity of spinetoram J and its D-forosamine replacement analogues. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 2321-2330	2-5	4
8	A semisynthesis of 3Wethyl-5,6-dihydrospinosyn J based on the spinosyn A aglycone. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 2603-2609	2-5	3
7	Modified Preparation and Purification of 3-(2,4,6-Trinitrobenzyl) Amino-1,2,4-Triazole. <i>Propellants, Explosives, Pyrotechnics</i> , 1999 , 24, 95-95	1-7	3
6	Investigation on the hydrolytic mechanism of cucurbit[6]uril in alkaline solution. <i>Royal Society Open Science</i> , 2018 , 5, 180038	3-3	2
5	Design and Synthesis of Hydrolytically Stable N-Nitrourea Explosives. <i>Propellants, Explosives, Pyrotechnics</i> , 2015 , 40, 908-913	1-7	2
4	A novel semi-synthesis of spinetoram-J based on the selective hydrolysis of 5,6-dihydro spinosyn A. <i>Natural Product Research</i> , 2019 , 33, 2801-2808	2-3	1
3	Design, Synthesis, and Biological Activity Studies of Istradefylline Derivatives Based on Adenine as A Receptor Antagonists. <i>ACS Omega</i> , 2021 , 6, 4386-4394	3-9	1
2	Synthesis and properties of sildenafil isostere. <i>Archiv Der Pharmazie</i> , 2021 , 354, e2100145	4-3	
1	ZnCl-promoted domino reaction of 2-hydroxybenzonitriles with ketones for synthesis of 1,3-benzoxazin-4-ones.. <i>RSC Advances</i> , 2021 , 11, 29906-29911	3-7	