Jia-Rong Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33 papers	479 citations	12 h-index	21 g-index
36 ext. papers	557 ext. citations	3.3 avg, IF	3.34 L-index

#	Paper	IF	Citations
33	Synthesis and properties of sildenafil isostere. *Archiv Der Pharmazie*, **2021**, 354, e2100145	4.3	
32	Design, Synthesis, and Biological Activity Studies of Istradefylline Derivatives Based on Adenine as A Receptor Antagonists. *ACS Omega*, **2021**, 6, 4386-4394	3.9	1
31	ZnCl-promoted domino reaction of 2-hydroxybenzonitriles with ketones for synthesis of 1,3-benzoxazin-4-ones.. *RSC Advances*, **2021**, 11, 29906-29911	3.7	
30	Hygroscopicity and Compositional Evolution of Atmospheric Aerosols Containing Water-Soluble Carboxylic Acid Salts and Ammonium Sulfate: Influence of Ammonium Depletion. *Environmental Science & Technology*, **2019**, 53, 6225-6234	10.3	18
29	Direct C□H sulfenylation of quinoxalinones with thiols under visible-light-induced photocatalyst-free conditions. *Green Chemistry*, **2019**, 21, 6241-6245	10	60
28	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	2.3	1
27	Investigation on the hydrolytic mechanism of cucurbit[6]uril in alkaline solution. *Royal Society Open Science*, **2018**, 5, 180038	3.3	2
26	Semi-synthesis and insecticidal activity of spinetoram J and its D-forosamine replacement analogues. *Beilstein Journal of Organic Chemistry*, **2018**, 14, 2321-2330	2.5	4
25	A semisynthesis of 3′-ethyl-5,6-dihydrospinosyn J based on the spinosyn A aglycone. *Beilstein Journal of Organic Chemistry*, **2017**, 13, 2603-2609	2.5	3
24	Cationic Palladium(II) Complexes for Catalytic Wacker-Type Oxidation of Styrenes to Ketones Using O2 as the Sole Oxidant. *European Journal of Inorganic Chemistry*, **2017**, 2017, 5604-5608	2.3	9
23	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. *Tetrahedron Letters*, **2016**, 57, 2455-2461	2	6
22	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. *Journal of Chemical & Engineering Data*, **2016**, 61, 3277-3285	2.8	10
21	Base-catalyzed one-pot tandem reaction: an effective strategy for the synthesis of pyrazolo[3,4-d]pyrimidinone derivatives. *Tetrahedron*, **2015**, 71, 7658-7662	2.4	5
20	Aluminum Complexes Containing the □□□□□□ Framework as Efficient Initiators for Ring-Opening Polymerization of □-Caprolactone. *Organometallics*, **2015**, 34, 105-108	3.8	25
19	Design and Synthesis of Hydrolytically Stable N-Nitrourea Explosives. *Propellants, Explosives, Pyrotechnics*, **2015**, 40, 908-913	1.7	2
18	A convenient four-component one-pot strategy toward the synthesis of pyrazolo[3,4-d]pyrimidines. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 2125-31	2.5	5
17	Synthesis and Characterization of a Thermally and Hydrolytically Stable Energetic Material based on N-Nitrourea. *Propellants, Explosives, Pyrotechnics*, **2014**, 39, 662-669	1.7	15

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16	N-Heterocyclic Carbene-catalyzed Reactions of o-Aminonitriles with Carbonyl Compounds Approach to 2,3-Dihydroquinazolin-4(1H)-ones. *Chinese Journal of Chemistry*, **2014**, 32, 865-870	4.9	7
15	Copper-catalyzed tandem N-arylation/condensation: synthesis of quinazolin-4(3H)-ones from 2-halobenzonitriles and amides. *RSC Advances*, **2014**, 4, 44811-44814	3.7	27
14	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	1.3	7
13	One-pot NHC-assisted access to 2,3-dihydropyrimido[4,5-d]pyrimidin-4(1H)-ones. *RSC Advances*, **2014**, 4, 35629-35634	3.7	8
12	A Divergent Synthesis of 1,8-Naphthyridines and Hydropyridopyrimidinones by the Reactions of o-Aminonitriles with Ketones. *Chinese Journal of Chemistry*, **2013**, 31, 443-448	4.9	12
11	Direct amination of azoles using CuCl2 complexes of amines under mild conditions. *RSC Advances*, **2013**, 3, 9622	3.7	17
10	Synthesis and Structural Characterization of Compounds Containing the Al(DA)l Motif. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2013**, 639, 2618-2622	1.3	10
9	Microwave-assisted synthesis of 2,3-dihydropyrido[2,3-d]pyrimidin-4(1H)-ones catalyzed by DBU in aqueous medium. *Green Chemistry*, **2012**, 14, 945	10	33
8	The Divergent Transformations of Aromatic o-Aminonitrile with Carbonyl Compound. *Journal of Heterocyclic Chemistry*, **2012**, 49, 533-542	1.9	20
7	Facile and One-Pot Synthesis of 1,2-Dihydroquinazolin-4(3H)-ones via Tandem Intramolecular Pinner/Dimroth Rearrangement. *Synthetic Communications*, **2010**, 40, 632-641	1.7	23
6	Simultaneous Synthesis of Pyrazolopyridines and Pyrazolopyrimidinones Under Microwave Irradiation. *Synthetic Communications*, **2009**, 39, 4010-4018	1.7	12
5	A new and facile synthesis of quinazoline-2,4(1H,3H)-diones. *Organic Letters*, **2009**, 11, 1193-6	6.2	77
4	Investigation of the Reaction of o-Aminonitriles with Ketones: A New Modification of Friedländer Reaction and Structures of Its Products. *Synlett*, **2008**, 2008, 233-236	2.2	30
3	Novel synthesis of 2H-3,1-benzoxazine derivatives. *Journal of Heterocyclic Chemistry*, **2006**, 43, 745-748	1.9	7
2	Synthesis of 1,2-dihydro-4H-3,1-benzoxazine derivatives via ZnCl2 catalyzed cyclocondensation reaction. *Tetrahedron*, **2006**, 62, 7999-8005	2.4	20
1	Modified Preparation and Purification of 3-(2?,4?,6?-Trinitrobenzenyl) Amino-1,2,4-Triazole. *Propellants, Explosives, Pyrotechnics*, **1999**, 24, 95-95	1.7	3