

Ru-Zhang Liu

List of Publications by Year in descending order

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28
papers

1,217
citations

430874

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501196

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33
all docs

33
docs citations

33
times ranked

1014
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconfiguring the band-edge states of photovoltaic perovskites by conjugated organic cations. <i>Science</i> , 2021, 371, 636-640.	12.6	184
2	Metal-Free Transamidation of Secondary Amides via Selective N=C Cleavage under Mild Conditions. <i>Organic Letters</i> , 2017, 19, 1614-1617.	4.6	152
3	N-Acylsaccharins: Stable Electrophilic Amide-Based Acyl Transfer Reagents in Pd-Catalyzed Suzuki-Miyaura Coupling via N=C Cleavage. <i>Organic Letters</i> , 2016, 18, 4194-4197.	4.6	103
4	Practical Electrochemical Anodic Oxidation of Polycyclic Lactams for Late Stage Functionalization. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10555-10558.	13.8	74
5	Palladium-Catalyzed Suzuki-Miyaura Cross-Coupling of N-Mesylamides by N=C Cleavage: Electronic Effect of the Mesyl Group. <i>Organic Letters</i> , 2017, 19, 1434-1437.	4.6	74
6	Stereocontrol in a Combined Allylic Azide Rearrangement and Intramolecular Schmidt Reaction. <i>Journal of the American Chemical Society</i> , 2012, 134, 6528-6531.	13.7	67
7	Sterically-controlled intermolecular Friedel-Crafts acylation with twisted amides via selective N=C cleavage under mild conditions. <i>Chemical Communications</i> , 2016, 52, 6841-6844.	4.1	59
8	Transamidation of N-acyl-glutarimides with amines. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1322-1329.	2.8	57
9	Diastereoselective construction of carbazole-based spirooxindoles via the Levy three-component reaction. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 163-168.	2.8	47
10	A Concomitant Allylic Azide Rearrangement/Intramolecular Azide-Alkyne Cycloaddition Sequence. <i>Organic Letters</i> , 2014, 16, 1844-1847.	4.6	45
11	Two-carbon ring expansion of isatin: a convenient construction of a dibenzo[b,d]azepinone scaffold. <i>Chemical Communications</i> , 2016, 52, 6280-6283.	4.1	42
12	The Most Twisted Acyclic Amides: Structures and Reactivity. <i>Organic Letters</i> , 2018, 20, 7771-7774.	4.6	41
13	Self-Assembled Supramolecular Polyoxometalate Hybrid Architecture as a Multifunctional Oxidation Catalyst. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 38708-38718.	8.0	38
14	A [3 + 2] → [4 + 2] → [3 + 2] cycloaddition sequence of isoquinolinium ylide. <i>Organic Chemistry Frontiers</i> , 2017, 4, 354-357.	4.5	36
15	Domino Reaction of Aromatic Aldehydes and 1,3-Indanediones for Construction of Bicyclo[2.2.2]octanes and Dibenzo[b,g]indeno[1,2-c]fluoreno[1,2-d]oxonines. <i>Journal of Organic Chemistry</i> , 2020, 85, 2168-2179.	3.2	30
16	Diastereoselective Synthesis of Tetrahydrospiro[carbazole-1,3'-indolines] via an InBr ₃ -Catalyzed Domino Diels-Alder Reaction. <i>Journal of Organic Chemistry</i> , 2021, 86, 5616-5629.	3.2	30
17	Convergent Synthesis of Triindanone-Fused Spiro[bicyclo[2.2.2]octane-2,3'-indolines] via Domino Reaction of 1,3-Indanedione and 3-Methyleneoxindoles. <i>Organic Letters</i> , 2020, 22, 8931-8936.	4.6	28
18	Sc(OTf) ₃ -catalyzed synthesis of anhydrides from twisted amides. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1780-1785.	2.8	19

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19	A facile synthesis of tricyclic skeleton of alkaloid 261C by double [3+2] cycloaddition of pyridinium ylide. <i>Tetrahedron Letters</i> , 2015, 56, 6711-6714.	1.4	18
20	Molecular diversity of the domino annulation reaction of 2-aryl-3-nitrochromenes with pivaloylacetonitriles. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5816-5822.	2.8	14
21	Bicyclic cyanothiazolidines as novel dipeptidyl peptidase 4 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 4437-4440.	2.2	10
22	The reaction of ketones with benzaldehyde catalyzed by TiCl ₄ ·2THF. <i>Journal of Molecular Catalysis A</i> , 2005, 225, 239-243.	4.8	8
23	Selectivity in Olefin-Intervened Macrocyclic Ring-Closing Metathesis. <i>ACS Catalysis</i> , 2018, 8, 5574-5580.	11.2	8
24	Selective oligomerization of nitriles having β -hydrogen catalyzed by alkali. <i>Journal of Molecular Catalysis A</i> , 2003, 201, 155-160.	4.8	5
25	Highly selective hydrosilylation of equilibrating allylic azides. <i>Chemical Communications</i> , 2020, 56, 5038-5041.	4.1	5
26	Selective hydroboration of equilibrating allylic azides. <i>Chemical Communications</i> , 2021, 57, 8913-8916.	4.1	5
27	The "unexpected" epimerization on bicyclic thiazolidine β -lactam scaffolds. <i>Tetrahedron</i> , 2008, 64, 4363-4369.	1.9	2
28	Corrigendum to "The "unexpected" epimerization on bicyclic thiazolidine β -lactam scaffolds" [<i>Tetrahedron</i> 64 (2008) 4363-4369]. <i>Tetrahedron</i> , 2008, 64, 5808.	1.9	0