

Kui Lu

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.

62

papers

1,111

citations

19

h-index

30

g-index

66

ext. papers

1,373

ext. citations

4.2

avg, IF

4.55

L-index

#	Paper	IF	Citations
62	Visible-light-induced radical cyclization of N-allylbenzamide with [Bis(difluoroacetoxy)iodo]benzene to difluoromethylated dihydroisoquinolinones. <i>Tetrahedron Letters</i> , 2022 , 153761	2	1
61	Photoinduced Three-Component Difluoroalkylation of Quinoxalinones with Alkenes via Difluoroiodane(III) Reagents.. <i>Organic Letters</i> , 2022 , 24, 3576-3581	6.2	11
60	Visible-light induced radical aryldifluoromethylation of N-arylacrylamides by [bis(difluoroacetoxy)iodo]benzene. <i>Tetrahedron Letters</i> , 2021 , 67, 152864	2	5
59	Copper-catalysed direct difluoromethylselenolation of aryl boronic acids with Se-(difluoromethyl) 4-methylbenzenesulfonoselenoate. <i>Tetrahedron Letters</i> , 2021 , 68, 152897	2	4
58	Metal-free synthesis of unsymmetrical selenides from pyridinium salts and diselenides catalysed by visible light. <i>Tetrahedron Letters</i> , 2021 , 72, 153071	2	1
57	Acid Stable α -Amylase Supplementation in Sourdough Enhanced Lactic Acid Bacterial Performance and the Quality of Bread. <i>Journal of Biobased Materials and Bioenergy</i> , 2021 , 15, 392-398	1.4	
56	Metal-free chalcogenation of cycloketone oxime esters with dichalcogenides. <i>Tetrahedron Letters</i> , 2021 , 75, 153202	2	3
55	Metal-Free Trifluoromethylthiolation of Arylazo Sulfones. <i>Journal of Organic Chemistry</i> , 2021 , 86, 1292-1299	4.9	9
54	Visible-Light-Induced Radical Difluoromethylation of Alkynoates by [bis(Difluoroacetoxy)iodo]benzene to Yield 3-Difluoromethylated Coumarins. <i>Asian Journal of Organic Chemistry</i> , 2021 , 10, 563-566	3	7
53	Visible-light induced direct C-H difluoromethylation of quinoxalin-2(1H)-ones by [bis(difluoroacetoxy)iodo]benzene under catalysis-free conditions. <i>Tetrahedron</i> , 2021 , 91, 132217	2.4	6
52	Visible-Light-Promoted Selenocyanation of Cyclobutanone Oxime Esters Using Potassium Selenocyanate. <i>Journal of Organic Chemistry</i> , 2021 , 86, 11399-11406	4.2	2
51	Metal-Free sp C-SCF Coupling Reactions between Cycloketone Oxime Esters and -trifluoromethyl 4-Methylbenzenesulfonothioate. <i>Organic Letters</i> , 2020 , 22, 863-866	6.2	18
50	Metal-Free Difluoromethylselenolation of Arylamines Under Visible-Light Photocatalysis. <i>Journal of Organic Chemistry</i> , 2020 , 85, 1224-1231	4.2	17
49	Metal-Free Synthesis of Unsymmetrical Aryl Selenides and Tellurides via Visible Light-Driven Activation of Arylazo Sulfones. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 7358-7367	3.2	11
48	Retraction Note: Endoplasmic reticulum stress triggers Xanthoangelol-induced protective autophagy via activation of JNK/c-Jun Axis in hepatocellular carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020 , 39, 164	12.8	1
47	Recent advances in the development of cyclin-dependent kinase 7 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019 , 183, 111641	6.8	15
46	Discovery of Myricetin as a Potent Inhibitor of Human Flap Endonuclease 1, Which Potentially Can Be Used as Sensitizing Agent against HT-29 Human Colon Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 1656-1665	5.7	27

45	Visible-Light-Driven Synthesis of Arylstannanes from Arylazo Sulfones. <i>Organic Letters</i> , 2019 , 21, 5187-5191	16.2	25
44	Ferric chloride-promoted direct trifluoromethylselenolation of nitrogen-containing heterocyclic compounds by Se-(trifluoromethyl) 4-methylbenzenesulfonoselenoate in water. <i>Tetrahedron Letters</i> , 2019 , 60, 1796-1799	2	14
43	Autophagy induction by xanthoangelol exhibits anti-metastatic activities in hepatocellular carcinoma. <i>Cell Biochemistry and Function</i> , 2019 , 37, 128-138	4.2	13
42	Divalent oseltamivir analogues as potent influenza neuraminidase inhibitors. <i>Carbohydrate Research</i> , 2019 , 477, 32-38	2.9	10
41	Total synthesis of wikstrol A and wikstrol B. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 8206-8213	3.9	2
40	Synthesis of α -trifluoromethyl ethanone oximes via the three-component reaction of aryl-substituted ethylenes, tert-butyl nitrite, and the Langlois reagent. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 3766-3770	5.2	9
39	Effect of purple yam flour substitution for wheat flour on in vitro starch digestibility of wheat bread. <i>Food Chemistry</i> , 2019 , 284, 118-124	8.5	25
38	Endoplasmic reticulum stress triggers Xanthoangelol-induced protective autophagy via activation of JNK/c-Jun Axis in hepatocellular carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 8	12.8	28
37	Synthesis & α -glucosidase inhibitory & glucose consumption-promoting activities of flavonoid-coumarin hybrids. <i>Future Medicinal Chemistry</i> , 2018 , 10, 1055-1066	4.1	10
36	Deoxygenation of sulphoxides to sulphides with trichlorophosphane. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 1200-1204	3.9	17
35	Antioxidant properties of flavonoid derivatives and their hepatoprotective effects on CCl ₄ induced acute liver injury in mice.. <i>RSC Advances</i> , 2018 , 8, 15366-15371	3.7	5
34	Silver-mediated radical aryltrifluoromethylthiolation of activated alkenes by S-trifluoromethyl 4-methylbenzenesulfonothioate. <i>Tetrahedron Letters</i> , 2018 , 59, 1719-1722	2	15
33	One-pot synthesis of β -lactams by the Ugi and Michael addition cascade reaction. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 6096-6105	3.9	18
32	Synthesis and cytotoxic studies of novel 5-phenylisatin derivatives and their anti-migration and anti-angiogenic evaluation. <i>European Journal of Medicinal Chemistry</i> , 2018 , 156, 800-814	6.8	18
31	One-pot Synthesis of Pyrazolone Sulfones by Iodine-catalyzed Sulfenylation of Pyrazolones with Aryl Sulfonyl Hydrazides Followed by Oxidation in Water. <i>Current Organic Synthesis</i> , 2018 , 15, 380-387	1.9	
30	Synthesis of N-arylsulfonamides through a Pd-catalyzed reduction coupling reaction of nitroarenes with sodium arylsulfonates. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 8150-8154	3.9	12
29	Copper-catalyzed direct trifluoromethylthiolation of indoles by tert-butyl 2-((trifluoromethyl)sulfonyl)hydrazine-1-carboxylate. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 3088-3092	5.2	18
28	Visible-light photocatalytic trifluoromethylthiolation of aryl diazonium salts: conversion of amino group into trifluoromethylthiol group. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 2636-2640	5.2	26

27	Total synthesis of I3,II8-biapigenin and ridiculoflavone A. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 578-586	5.2	2
26	Transition metal-free direct trifluoromethylthiolation of indoles using trifluoromethanesulfonyl chloride in the presence of triphenylphosphine. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 1254-1260	3.9	43
25	Transition-metal-free trifluoromethylthiolation and difluoromethylthiolation of thiols with trifluoromethanesulfonyl chloride and difluoromethanesulfonyl chloride. <i>Tetrahedron</i> , 2017 , 73, 3112-3117	2.14	24
24	Synthesis of 6-hydroxyaurone analogues and evaluation of their α -glucosidase inhibitory and glucose consumption-promoting activity: Development of highly active 5,6-disubstituted derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 3226-3230	2.9	30
23	Supplementary data for the mechanism for cleavage of three typical glucosidic bonds induced by hydroxyl free radical. <i>Data in Brief</i> , 2017 , 15, 414-418	1.2	
22	The mechanism for cleavage of three typical glucosidic bonds induced by hydroxyl free radical. <i>Carbohydrate Polymers</i> , 2017 , 178, 34-40	10.3	20
21	Transition-Metal-Free Direct Trifluoromethylthiolation and Trifluoromethylsulfoxidation of Electron-Rich Aromatics with CFSONa in the Presence of PCl. <i>Journal of Organic Chemistry</i> , 2017 , 82, 9175-9181	4.2	44
20	Transition-metal-free direct trifluoromethylthiolation of electron-rich aromatics using CF3SO2Na in the presence of PhPCl2. <i>Tetrahedron</i> , 2017 , 73, 7233-7238	2.4	23
19	Synthesis and anti-oxidant activity evaluation of (β)-Anastatins A, B and their analogs. <i>European Journal of Medicinal Chemistry</i> , 2017 , 138, 577-589	6.8	10
18	Synthesis and antioxidant evaluation of desmethylxanthohumol analogs and their dimers. <i>European Journal of Medicinal Chemistry</i> , 2017 , 125, 335-345	6.8	16
17	Transition-metal free direct difluoromethylthiolation of electron-rich aromatics with difluoromethanesulfonyl chloride. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 232-235	5.2	34
16	Tetrabutylammonium Iodide-Promoted Thiolation of Oxindoles Using Sulfonyl Chlorides as Sulfenylation Reagents. <i>Molecules</i> , 2017 , 22,	4.8	8
15	Potassium iodide promoted thiolation of pyrazolones and benzofurans using aryl sulfonyl chlorides as sulfenylation reagents. <i>Tetrahedron Letters</i> , 2016 , 57, 5330-5333	2	36
14	Iodine-catalyzed thiolation of electron-rich aromatics using sulfonyl hydrazides as sulfenylation reagents. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 1131-7	3.9	52
13	Iodine-catalysed regioselective thiolation of flavonoids using sulfonyl hydrazides as sulfenylation reagents. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 7304-12	3.9	27
12	Synthesis of Substituted Pyrroles via Copper-Catalyzed Cyclization of Ethyl Allenoates with Activated Isocyanides. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2121-5	4.5	14
11	1,4-Addition Ugi Reaction Using Cyclic α,β -Unsaturated Ketone as Substrate. <i>Organic Letters</i> , 2016 , 18, 5038-5041	6.2	8
10	Total synthesis of 8-(6?-umbelliferyl)-apigenin and its analogs as anti-diabetic reagents. <i>European Journal of Medicinal Chemistry</i> , 2016 , 122, 674-683	6.8	13

9	Total synthesis of (±)-Anastatins A and B. <i>Tetrahedron Letters</i> , 2015 , 56, 4472-4475	2	11
8	Synthesis of 6- or 8-Bromo Flavonoids by Regioselective Mono-Bromination and Deprotection Protocol from Flavonoid Alkyl Ethers. <i>Bulletin of the Korean Chemical Society</i> , 2015 , 36, 1460-1466	1.2	6
7	Synthesis of 2-aryl and 3-aryl benzo[b]furan thioethers using aryl sulfonyl hydrazides as sulfenylation reagents. <i>Journal of Organic Chemistry</i> , 2015 , 80, 2918-24	4.2	83
6	Synthesis and anti-cancer activity evaluation of novel prenylated and geranylated chalcone natural products and their analogs. <i>European Journal of Medicinal Chemistry</i> , 2015 , 92, 439-48	6.8	58
5	Concise synthesis of prenylated and geranylated chalcone natural products by regiospecific iodination and Suzuki coupling reactions. <i>Tetrahedron Letters</i> , 2014 , 55, 897-899	2	18
4	p-Toluenesulphonic acid-promoted, I ₂ -catalysed sulphenylation of pyrazolones with aryl sulphonyl hydrazides. <i>Chemical Communications</i> , 2014 , 50, 13121-3	5.8	99
3	Regioselective iodination of flavonoids by N-iodosuccinimide under neutral conditions. <i>Tetrahedron Letters</i> , 2013 , 54, 6345-6348	2	26
2	Structure and Functional Properties of Purple Yam (<i>Dioscorea alata</i> L.) Starch from China. <i>Starch/Staerke</i> , 2100310	2.3	0
1	State of Knowledge in Photoredox-Catalysed Direct Difluoromethylation. <i>Organic Chemistry Frontiers</i> ,	5.2	3