Gui Lu

List of Publications by Year
in descending order

56 papers	1,571 citations	236925 25 h-index	330143 37 g-index
56 all docs	56 docs citations	56 times ranked	1867 citing authors

#	Article	IF	Citations
1	Copper-Catalyzed Remote Câ€“H Functionalizations of Naphthylamides through a Coordinating Activation Strategy and Single-Electron-Transfer (SET) Mechanism. ACS Catalysis, 2017, 7, 2661-2667.	11.2	122
2	Copper-free Sandmeyer-type Reaction for the Synthesis of Sulfonyl Fluorides. Organic Letters, 2020, 22, 3072-3078.	4.6	78
3	Asymmetric synthesis of trifluoromethyl-substituted 3,3â€²-pyrrolidinyl-dispirooxindoles through organocatalytic 1,3-dipolar cycloaddition reactions. Organic Chemistry Frontiers, 2017, 4, 472-482.	4.5	68
4	Highly Efficient Asymmetric Michael Reaction of Aldehydes to Nitroalkenes with Diphenylperhydroindolinol Silyl Ethers as Organocatalysts. Advanced Synthesis and Catalysis, 2009, 351, 2449-2459.	4.3	58
5	Organocatalytic Dielsâ€“Alder Reaction of 2â€Vinylindoles with Methyleneindolinones: An Efficient Approach to Functionalized Carbazolespirooxindoles. Advanced Synthesis and Catalysis, 2015, 357, 993-1003.	4.3	53
6	Manganese(III)â€Mediated and â€Catalyzed Decarboxylative Hydroxysulfonylation of Arylpropiolic Acids with Sodium Sulfinates in Water. Advanced Synthesis and Catalysis, 2018, 360, 1611-1616.	4.3	52
7	A Novel Small-Molecule Aurora Kinase Inhibitor Attenuates Breast Tumorâ€“Initiating Cells and Overcomes Drug Resistance. Molecular Cancer Therapeutics, 2014, 13, 1991-2003.	4.1	51
8	Copper-catalyzed C5-regioselective C H sulfonylation of 8-aminoquinoline amides with aryl sulfonyl chlorides. Tetrahedron Letters, 2016, 57, 2121-2124.	1.4	47
9	Palladium-catalyzed Suzuki cross-coupling of Nâ€²-tosyl arylhydrazines. Chemical Communications, 2013, 49, 5268.	4.1	46
10	Photoredox-catalyzed aminofluorosulfonylation of unactivated olefins. Chemical Science, 2021, 12, 9359-9365.	7.4	45
11	Enantioselective Synthesis of Triarylmethanes via Organocatalytic 1,6â€Addition of Arylboronic Acids to paraâ€Quinone Methides. Advanced Synthesis and Catalysis, 2019, 361, 1241-1246.	4.3	43
12	Recent progress in the synthesis of sulfonyl fluorides for SuFEx click chemistry. Chinese Chemical Letters, 2021, 32, 2736-2750.	9.0	41
13	Design, synthesis and bioevaluation of N-trisubstituted pyrimidine derivatives as potent aurora A kinase inhibitors. European Journal of Medicinal Chemistry, 2014, 78, 65-71.	5.5	39
14	Enantioselective Dehydrative Î³-Arylation of Î±-Indolyl Propargylic Alcohols with Phenols: Access to Chiral Tetrasubstituted Allenes and Naphthopyrans. Organic Letters, 2020, 22, 6873-6878.	4.6	39
15	Zincâ€Salenâ€Catalyzed Asymmetric Alkynylation of Alkyl Acylsilanes. Advanced Synthesis and Catalysis, 2009, 351, 1955-1960.	4.3	37
16	Catalytic Decarboxylative Fluorosulfonylation Enabled by Energy-Transfer-Mediated Photocatalysis. Organic Letters, 2022, 24, 2474-2478.	4.6	36
17	Design, Synthesis, and Biological Evaluation of Substituted Pyrimidines as Potential Phosphatidylinositol 3-Kinase (PI3K) Inhibitors. Journal of Medicinal Chemistry, 2016, 59, 7268-7274.	6.4	35
18	Copper-catalyzed peri-selective direct sulfenylation of 1-naphthylamines with disulfides. Organic Chemistry Frontiers, 2018, 5, 982-989.	4.5	34

#	Article	IF	Citations
19	Organocatalytic Michael/cyclization cascade reactions of 3-isothiocyanato oxindoles with 3-trifluoroethylidene oxindoles: an approach for the synthesis of 3â€²-trifluoromethyl substituted 3,2â€²-pyrrolidinyl-bispirooxindoles. Organic Chemistry Frontiers, 2018, 5, 1375-1380.	4.5	31
20	Catalytic Asymmetric Synthesis of Vicinal Tetrasubstituted Diamines via Umpolung Cross-Mannich Reaction of Cyclic Ketimines. Organic Letters, 2020, 22, 5014-5019.	4.6	30
21	Aurora A Kinase Inhibitor AKI603 Induces Cellular Senescence in Chronic Myeloid Leukemia Cells Harboring T315I Mutation. Scientific Reports, 2016, 6, 35533.	3.3	29
22	Construction of Sulfonyl Phthalides via Copper-Catalyzed Oxysulfonylation of 2-Vinylbenzoic Acids with Sodium Sulfinates. Journal of Organic Chemistry, 2019, 84, 13465-13472.	3.2	29
23	Discovery of 2-(2-aminopyrimidin-5-yl)-4-morpholino- N -(pyridin-3-yl)quinazolin-7-amines as novel PI3K/mTOR inhibitors and anticancer agents. European Journal of Medicinal Chemistry, 2016, 108, 644-654.	5.5	28
24	Organocatalytic enantioselective S_N1-type dehydrative nucleophilic substitution: access to bis(indolyl)methanes bearing quaternary carbon stereocenters. Chemical Science, 2021, 13, 170-177.	7.4	28
25	Copper(<scp>ii</scp>)-catalyzed coupling reaction: an efficient and regioselective approach to Nâ€²,Nâ€²-diaryl acylhydrazines. Organic and Biomolecular Chemistry, 2015, 13, 2055-2063.	2.8	27
26	Nickel-catalyzed direct Câ€“H bond sulfenylation of acylhydrazines. Organic and Biomolecular Chemistry, 2018, 16, 6047-6056.	2.8	27
27	Visible-Light-Mediated Decarboxylative Benzylation of Imines with Arylacetic Acids. Journal of Organic Chemistry, 2018, 83, 12559-12567.	3.2	25
28	Highly efficient construction of chiral dispirocyclic oxindole/thiobutyrolactam/chromanone complexes through Michael/cyclization cascade reactions with a rosin-based squaramide catalyst. Tetrahedron, 2018, 74, 3734-3741.	1.9	25
29	An efficient approach to access 1,1,2-triarylethanes enabled by the organo-photoredox-catalyzed decarboxylative addition reaction. Organic Chemistry Frontiers, 2019, 6, 1955-1960.	4.5	25
30	Indolinylmethanol catalyzed enantioselective Reformatsky reaction with ketones. Tetrahedron: Asymmetry, 2010, 21, 2816-2824.	1.8	24
31	Palladium-catalyzed reductive homocoupling of Nâ€²-tosyl arylhydrazines. Organic and Biomolecular Chemistry, 2013, 11, 8014.	2.8	24
32	Structure-based drug design: Synthesis and biological evaluation of quinazolin-4-amine derivatives as selective Aurora A kinase inhibitors. European Journal of Medicinal Chemistry, 2018, 157, 1361-1375.	5.5	23
33	Asymmetric amination of 2-substituted indolin-3-ones catalyzed by natural cinchona alkaloids. Organic Chemistry Frontiers, 2017, 4, 1400-1406.	4.5	22
34	Mannich Reaction of Indole with Cyclic Imines in Water. Tetrahedron Letters, 2018, 59, 457-461.	1.4	21
35	Synthesis and biological evaluation of aurora kinases inhibitors based on N -trisubstituted pyrimidine scaffold. European Journal of Medicinal Chemistry, 2018, 145, 805-812.	5.5	20
36	Visible-light-promoted radical cross-coupling of para-quinone methides with N-substituted anilines: an efficient approach to 2,2-diarylethylamines. Organic and Biomolecular Chemistry, 2020, 18, 860-864.	2.8	20

#	Article	IF	Citations
37	Stereoselective synthesis of epoxyisoprostanes: an organocatalytic and â€œpot-economyâ€•approach. Chemical Communications, 2015, 51, 10170-10173.	4.1	17
38	A novel compound against oncogenic Aurora kinase A overcomes imatinib resistance in chronic myeloid leukemia cells. International Journal of Oncology, 2015, 46, 2488-2496.	3.3	17
39	Asymmetric Synthesis of Vicinally Bis(trifluoromethyl)-Substituted 3,3â€²-Pyrrolidinyl Spirooxindoles via Organocatalytic 1,3-Dipolar Cycloaddition Reactions. Synthesis, 2019, 51, 1969-1979.	2.3	17
40	Aurora kinase inhibitor restrains STAT5â€activated leukemic cell proliferation by inducing mitochondrial impairment. Journal of Cellular Physiology, 2020, 235, 8358-8370.	4.1	15
41	Asymmetric Domino Nitroâ€Michael/Hornerâ€“Wadsworthâ€“Emmons Reaction for Disubstituted Cyclohexenecarboxylate Annulation: Efficient Synthesis of Dipeptidyl Peptidase IV Inhibitor ABTâ€341 and Influenza Neuraminidase Inhibitor. Advanced Synthesis and Catalysis, 2012, 354, 1961-1970.	4.3	13
42	Organocatalytic synthesis of chiral CF₃-containing oxazolidines and 1,2-amino alcohols: asymmetric oxa-1,3-dipolar cycloaddition of trifluoroethylamine-derived azomethine ylides. Organic Chemistry Frontiers, 2020, 7, 3452-3458.	4.5	13
43	Chemomics and drug innovation. Science China Chemistry, 2013, 56, 71-85.	8.2	12
44	Cu(<scp>ii</scp>)-catalyzed cross-dehydrogenative coupling reaction of Nâ€²-acyl arylhydrazines and phosphites. RSC Advances, 2016, 6, 84587-84591.	3.6	12
45	Copper-catalyzed aerobic decarboxylative coupling between cyclic Î±-amino acids and diverse Câ€“H nucleophiles with low catalyst loading. RSC Advances, 2018, 8, 16202-16206.	3.6	11
46	Identification of a novel compound targeting the nuclear export of influenza A virus nucleoprotein. Journal of Cellular and Molecular Medicine, 2018, 22, 1826-1839.	3.6	10
47	Synthesis of Terminal Vinylphosphonates Via Dbu-Promoted Tandem Phospha-Michael/Elimination Reactions. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 1858-1866.	1.6	9
48	Highly Efficient Construction of CF3-Containing 3,3â€™-Pyrrolidinyl-dispirooxindoles via Base-Catalyzed Diastereoselective [3+2] Annulation. Heterocycles, 2017, 94, 879.	0.7	9
49	Transition metal-free synthesis of Î±-aryl ketones via oxyallyl cation capture with arylboronic acids. Organic Chemistry Frontiers, 2020, 7, 2480-2485.	4.5	9
50	Synthesis of Pelorol and Its Analogs and Their Inhibitory Effects on Phosphatidylinositol 3-Kinase. Marine Drugs, 2016, 14, 118.	4.6	7
51	Zinc-Salen-Catalyzed Asymmetric Alkynylation of Alkyl Acylsilanes. Advanced Synthesis and Catalysis, 2009, 351, 2541-2541.	4.3	5
52	A Novel Aurora Kinase Inhibitor Attenuates Leukemic Cell Proliferation Induced by Mesenchymal Stem Cells. Molecular Therapy - Oncolytics, 2020, 18, 491-503.	4.4	5
53	Enantioselective Reformatsky Reaction of Ketones Catalyzed by Chiral Indolinylmethanol. European Journal of Organic Chemistry, 2020, 2020, 4805-4811.	2.4	4
54	Metalâ€Free Aerobic Sulfenyllactonization of Unsaturated Carboxylic Acids with Thiols Using Air as Sole Oxidant. ChemistrySelect, 2020, 5, 7382-7386.	1.5	3

#	Article	IF	Citations
55	A rapid and sensitive UHPLCâ€“MS/MS method for quantification of 83b1 in plasma and its application to bioavailability study in rats. Journal of Pharmaceutical and Biomedical Analysis, 2017, 134, 71-76.	2.8	1
56	Determination of a novel Aurora-A (AurA) kinase AKI603 by UPLC-MS/MS and its application to a bioavailability study in rat. Journal of Pharmaceutical and Biomedical Analysis, 2016, 125, 303-309.	2.8	0