Jian-Quan Liu

List of Publications by Year
in descending order

68	1,829	304602 22	276775 41
papers	citations	h-index	g-index

86	86	86	1489
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An efficient synthesis of 6â€arylpyrazolo[4â€²,3â€²:4,5]pyrimido[2,1â€a] isoquinolinâ€8(9H)â€one derivatives catalyzed by AgOTf. Journal of Heterocyclic Chemistry, 2022, 59, 890-898.	1.4	1
2	Copper-assisted Wittig-type olefination of aldehydes with p-toluenesulfonylmethyl isocyanide. Organic Chemistry Frontiers, 2022, 9, 4158-4163.	2.3	4
3	Silver-Catalyzed Controlled Intermolecular Cross-Coupling of Silyl Enol Ethers: Scalable Access to 1,4-Diketones. Organic Letters, 2022, 24, 4513-4518.	2.4	18
4	CuI-catalyzed synthesis of Benzoimidazo[1,4]diazepinoindoles/indazoles via double Ullmann cross-coupling reaction. Tetrahedron, 2022, 121, 132835.	1.0	3
5	Synthesis of Sulfonylated Heterocycles via Copperâ€Catalyzed Heteroaromatization/Sulfonyl Transfer of Propargylic Alcohols. Chemistry - an Asian Journal, 2021, 16, 30-33.	1.7	9
6	Silverâ€Catalyzed [3+1+1] Annulation of Nitrones with Isocyanoacetates as an Approach to 1,4,5â€Trisubstituted Imidazoles. European Journal of Organic Chemistry, 2021, 2021, 964-968.	1.2	7
7	Stereoselective synthesis of unnatural Î±-amino acid derivatives through photoredox catalysis. Chemical Science, 2021, 12, 5430-5437.	3.7	33
8	An efficient synthesis of diimidazo[1,2-a:1â€²,2â€²-c]quinazolines via a copper-catalyzed double Ullmann cross-coupling reaction. Tetrahedron, 2021, 81, 131918.	1.0	7
9	Electrifying catalytic aerobic oxidation. Nature Catalysis, 2021, 4, 96-97.	16.1	4
10	Silver-Promoted (4 + 1) Annulation of Isocyanoacetates with Alkylpyridinium Salts: Divergent Regioselective Synthesis of 1,2-Disubstituted Indolizines. Organic Letters, 2021, 23, 7555-7560.	2.4	14
11	Synthesis of 15-Arylisoquinolino[2â€²,1â€²:1,2] imidazo[4,5-f][1,10]phenanthrolines catalyzed by Copper(I)/o-Phen. Research on Chemical Intermediates, 2021, 47, 2063-2074.	1.3	1
12	Modular synthesis of 3-substituted isocoumarins via silver-catalyzed aerobic oxidation/6-endo heterocyclization of ortho-alkynylbenzaldehydes. Organic and Biomolecular Chemistry, 2021, 19, 6657-6664.	1.5	8
13	Synthesis of Benzo[4,5]imidazo[1,2-a]naphthyridine and Benzo[4,5]imidazo[2,1-a]isoquinoline Derivatives Catalyzed by CuI/L-Proline. Polycyclic Aromatic Compounds, 2020, 40, 465-474.	1.4	1
14	Cascade Cï£¿N and Cï£¿O bond constructions for the synthesis of dibenzoimidazo[1,4]oxazepines catalyzed by CuI/ o â€phen. Journal of Heterocyclic Chemistry, 2020, 57, 851-858.	1.4	5
15	CuI catalyzed synthesis of Dibenzo[b,f]imidazo[1,2-d][1,4]thiazepines via Câ€“N and Câ€“S bond Ullmann cross-coupling reaction. Tetrahedron, 2020, 76, 130915.	1.0	7
16	Copper(I)-catalyzed synthesis of isoindolo[1,2-b]quinazoline derivatives via an Î±-arylation under Pd and ligand free conditions. Tetrahedron Letters, 2020, 61, 152508.	0.7	1
17	An efficient synthesis of 6â€benzylâ€2â€arylthieno[2,3â€²d]pyrimidinâ€4(3 H)â€ones catalyzed by HCl involving a Friedelâ€Crafts alkylation reaction. Journal of Heterocyclic Chemistry, 2020, 57, 3970-3979.	1.4	0
18	Closing the radical gap in chemical synthesis. Science, 2020, 368, 1312-1313.	6.0	5

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19	CuBr-Catalyzed Î±-Arylation and Aerobic Oxidative Dehydrogenative Câ€“N Coupling for the Synthesis of Spiro[cyclohexane-1,12â€²-isoindolo[1,2-b]quinazolin]-10â€²-one Derivatives. Organic Letters, 2020, 22, 2887-2891.	2.4	9
20	A Cascade synthesis of 11bHâ€Imidazo[1,2â€c]isoquinolino[2,1â€a]quinazoline derivatives catalyzed by AgOTf. Journal of Heterocyclic Chemistry, 2020, 57, 2203-2212.	1.4	4
21	Silver-Assisted [3 + 2] Annulation of Nitrones with Isocyanides: Synthesis of 2,3,4-Trisubstituted 1,2,4-Oxadiazolidin-5-ones. Journal of Organic Chemistry, 2020, 85, 3560-3567.	1.7	15
22	Cooperative Silverâ€•and Baseâ€Catalyzed Diastereoselective Cycloaddition of Nitrones with Methylene Isocyanides: Access to 2â€Imidazolinones. European Journal of Organic Chemistry, 2020, 2020, 3475-3479.	1.2	10
23	Switchable Copper-Catalyzed Approach to Benzodithiole, Benzothiaselenole, and Dibenzodithiocine Skeletons. Organic Letters, 2020, 22, 3454-3459.	2.4	20
24	Synthesis of Structurally Diversified Benzo[c]chromene Derivatives under (An)aerobic Conditions Catalyzed by CuI. Journal of Heterocyclic Chemistry, 2019, 56, 2822-2830.	1.4	7
25	Copper-Catalyzed Synthesis of Dibenzo[b,f]imidazo[1,2-d][1,4]oxazepine Derivatives via a Double Ullmann Coupling Reaction. Synthesis, 2019, 51, 1662-1668.	1.2	9
26	An efficient synthesis of 6-hydroxy-6-methyl-5,6-dihydro-8H-isoquinolino[1,2-b]quinazolin-8-ones via a CuI-catalyzed deacylation and no dehydration reaction. Monatshefte FÃ¼r Chemie, 2019, 150, 1305-1315.	0.9	2
27	Recent Advances in Photoredox Catalysis Enabled Functionalization of Î±-Amino Acids and Peptides: Concepts, Strategies and Mechanisms. Synthesis, 2019, 51, 2759-2791.	1.2	61
28	Silverâ€Induced [3+2] Cycloaddition of Isocyanides with Acyl Chlorides: Regioselective Synthesis of 2,5â€Disubstituted Oxazoles. ChemCatChem, 2019, 11, 4272-4275.	1.8	16
29	Silver-Mediated Synthesis of Substituted Benzofuran- and Indole-Pyrroles via Sequential Reaction of ortho-Alkynylaromatics with Methylene Isocyanides. Journal of Organic Chemistry, 2019, 84, 8998-9006.	1.7	17
30	Silver Triflate Catalyzed Synthesis of Isoquinolino[2,1-a]quinazoÂlino[3,2-c]quinazoline Derivatives via Alkyne Hydroamination. Synthesis, 2019, 51, 3101-3108.	1.2	7
31	Copperâ€Catalyzed Synthesis of 13â€Aminoisoquinolino[2,1â€a]perimidineâ€12â€carboxylates via Î±â€Arylation with a High Chemoselectivity. Journal of Heterocyclic Chemistry, 2019, 56, 663-669.	1.4	2
32	Silverâ€Catalyzed Sequential Cascade Reaction of Isocyanides with 1â€(2â€Ethynylâ€phenyl)â€propâ€2â€ynâ€1â€ol: Access to Benzo[b]fluorenes and Benzofuranâ€Pyrroles. Advanced Synthesis and Catalysis, 2019, 361, 1543-1548.	2.1	20
33	An efficient synthesis of biaryl diamides via Ullmann coupling reaction catalyzed by CuI in the presence of Cs2CO3 and TBAB. Research on Chemical Intermediates, 2018, 44, 5271-5283.	1.3	4
34	Study on the iodine-catalyzed reaction of 3-aminopyrazine-2-carbohydrazide and 2-(arylethynyl)benzaldehydes. Tetrahedron, 2018, 74, 1468-1475.	1.0	7
35	One-pot synthesis of 2,3-diphenyl-6,7-dihydroimidazo[1,2-f]phenanthridin-8(5H)-ones catalyzed by CuI/l-proline. Monatshefte FÃ¼r Chemie, 2018, 149, 569-576.	0.9	7
36	[3 + 2] Cycloaddition of Isocyanides with Aryl Diazonium Salts: Catalyst-Dependent Regioselective Synthesis of 1,3- and 1,5-Disubstituted 1,2,4-Triazoles. Organic Letters, 2018, 20, 6930-6933.	2.4	58

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37	Synthesis of Substituted 4H-Thiochromen-4-imines via Copper-Catalyzed Cyclization Cascades of o-Bromobenzothioamides with Terminal Alkynes. Journal of Organic Chemistry, 2018, 83, 9504-9509.	1.7	6
38	Dioxane-involving reaction for the synthesis of 3-aryl-1-(2-(vinyloxy)ethoxy)isoquinolines catalyzed by AgOTf. Organic and Biomolecular Chemistry, 2018, 16, 6070-6076.	1.5	8
39	A Consecutive Condensation, Cyclization, and Dehydration for the Synthesis of Benzimidazopyrroloquinazolines Catalyzed by <scp>TsOH</scp>. Journal of Heterocyclic Chemistry, 2018, 55, 2325-2333.	1.4	2
40	The Chemoâ€selective Reaction of 2â€Aminoâ€Nâ€²â€arylbenzohydrazide and Ketonic Acid Catalyzed by Iodine for the Synthesis of Quinazoline Derivatives. Journal of Heterocyclic Chemistry, 2018, 55, 1906-1916.	1.4	2
41	Silver-Catalyzed Cascade Reaction of Î²-Enaminones and Isocyanoacetates To Construct Functionalized Pyrroles. Organic Letters, 2017, 19, 1346-1349.	2.4	47
42	Consecutive Sonogashira Coupling and Hydroamination Cyclization for the Synthesis of Isoindolo[1,2-b]quinazolin-10(12H)-ones Catalyzed by CuI/<scp>l</scp>-Proline. Journal of Organic Chemistry, 2017, 82, 4918-4923.	1.7	41
43	Oneâ€Pot Threeâ€Component Synthesis of 6Hâ€chromeno[4,3â€b] or Cyclopenta[b]furo[3,2â€f]quinoline Derivatives. Journal of Heterocyclic Chemistry, 2017, 54, 2929-2934.	1.4	8
44	CuI-catalyzed Sonogashira reaction for the efficient synthesis of 1 H -imidazo[2,1- a]isoquinoline derivatives. Tetrahedron, 2017, 73, 4698-4705.	1.0	29
45	An efficient synthesis of 6-arylbenzo[4,5]imidazo[2,1-a]isoquinolines via sequential Î±-arylation of carbonyl and deacylation catalyzed by CuI. Organic and Biomolecular Chemistry, 2017, 15, 5325-5331.	1.5	22
46	Copper(I)-catalyzed Î±-arylation of carbonyl cascade reaction leading to benzo[4, 5] imidazo[1,2-f]phenanthridin-4(1H)-one derivatives. Research on Chemical Intermediates, 2017, 43, 5995-6006.	1.3	4
47	Cu(OAc)₂-Catalyzed Aerobic Oxidative Dehydrogenation Coupling: Synthesis of Heptacyclic Quinolizino[3,4,5,6-kla]perimidines. Journal of Organic Chemistry, 2017, 82, 1817-1822.	1.7	40
48	An efficient green synthesis of 5H-spiro[benzo[4,5]imidazo[1,2-c]quinazoline-6,3â€²-indolin]-2â€²-ones catalyzed by iodine in ionic liquids. Heterocyclic Communications, 2017, 23, 385-388.	0.6	1
49	An Efficient Synthesis of Pyrrolo[1,2â€a] or Pyrido[1,2â€a]benzo[4,5]imidazo[1,2â€c]quinazoline Derivatives in Ionic Liquids Catalyzed by Iodine. Journal of Heterocyclic Chemistry, 2017, 54, 3440-3446.	1.4	7
50	An efficient synthesis of quinazoline or pyrrolo[1,2-a]quinazolin-5(1H)-one derivatives in ionic liquids catalyzed by iodine. Research on Chemical Intermediates, 2017, 43, 6787-6801.	1.3	4
51	Copper-catalyzed synthesis of arylcarboxamides from aldehydes and isocyanides: the isocyano group as an N1 synthon. Organic and Biomolecular Chemistry, 2017, 15, 6314-6317.	1.5	14
52	Silver(I)â€Promoted Radical Sulfonylation of Allyl/Propargyl Alcohols: Efficient Synthesis of Î³â€Keto Sulfones. Chemistry - an Asian Journal, 2016, 11, 3334-3338.	1.7	19
53	Silverâ€Catalyzed Crossâ€Coupling of Isocyanides and Active Methylene Compounds by a Radical Process. Angewandte Chemie - International Edition, 2015, 54, 10618-10622.	7.2	77
54	Photocatalytic activity of attapulgiteâ€“BiOClâ€“TiO2 toward degradation of methyl orange under UV and visible light irradiation. Materials Research Bulletin, 2015, 66, 109-114.	2.7	35

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55	Radical Mechanism of Isocyanide-Alkyne Cycloaddition by Multicatalysis of Ag2CO3, Solvent, and Substrate. ACS Catalysis, 2015, 5, 6177-6184.	5.5	54
56	Metal-free hydroacyloxylation and hydration reactions of ynamides: synthesis of Î±-acyloxyenamides and N-acylsulfonamides. Green Chemistry, 2015, 17, 184-187.	4.6	76
57	Silver(I)â€Catalyzed Hydroazidation of Ethynyl Carbinols: Synthesis of 2â€Azidoallyl Alcohols. Angewandte Chemie - International Edition, 2014, 53, 5305-5309.	7.2	111
58	Silverâ€Catalyzed Crossâ€Coupling of Propargylic Alcohols with Isocyanides: An Atomâ€Economical Synthesis of 2,3â€Allenamides. Chemistry - A European Journal, 2014, 20, 2154-2158.	1.7	65
59	Modular Synthesis of Sulfonyl Benzoheteroles by Silver-Catalyzed Heteroaromatization of Propargylic Alcohols with p-Toluenesulfonylmethyl Isocyanide (TosMIC): Dual Roles of TosMIC. Organic Letters, 2014, 16, 6204-6207.	2.4	87
60	Silver-catalyzed cyclization of 2-pyridyl alkynyl carbinols with isocyanides: divergent synthesis of indolizines and pyrroles. Chemical Communications, 2014, 50, 11837-11839.	2.2	82
61	[3+2] Cycloaddition of Propargylic Alcohols and Î±â€Oxo Ketene Dithioacetals: Synthesis of Functionalized Cyclopentadienes and Further Application in a Dielsâ€“Alder Reaction. Angewandte Chemie - International Edition, 2014, 53, 7209-7213.	7.2	52
62	Titelbild: Silver(I)-Catalyzed Hydroazidation of Ethynyl Carbinols: Synthesis of 2-Azidoallyl Alcohols (Angew. Chem. 21/2014). Angewandte Chemie, 2014, 126, 5317-5317.	1.6	0
63	Silverâ€Catalyzed Isocyanideâ€Alkyne Cycloaddition: A General and Practical Method to Oligosubstituted Pyrroles. Angewandte Chemie - International Edition, 2013, 52, 6953-6957.	7.2	264
64	Regiospecific 6-Endo-Annulation of in Situ Generated 3,4-Dienamides/Acids: Synthesis of Î´-Lactams and Î´-Lactones. Organic Letters, 2013, 15, 2608-2611.	2.4	48
65	gem-Dialkylthio vinylallenes: alkylthio-regulated reactivity and application in the divergent synthesis of pyrroles and thiophenes. Chemical Communications, 2012, 48, 8802.	2.2	37
66	Palygorskite and SnO2â€“TiO2 for the photodegradation of phenol. Applied Clay Science, 2011, 51, 68-73.	2.6	56
67	A concise synthesis of 10-benzoyl-3,4-dihydroanthracen-1(2H)-one derivatives catalyzed by TfOH under metal-free conditions. Synthetic Communications, 0, , 1-9.	1.1	1
68	CuI / Lâ€Prolineâ€Catalyzed Synthesis of Bis(2â€(4, 5â€diarylâ€1 H â€imidazolâ€2â€yl) phenyl)sulfane Derivatives Using Potassium Ethylxanthate as a Sulphur Source. Journal of Heterocyclic Chemistry, 0, , .	1.4	0