## Ruimao Hua

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	Efficient Copper-Free PdCl2(PCy3)2-Catalyzed Sonogashira Coupling of Aryl Chlorides with Terminal Alkynes. Journal of Organic Chemistry, 2006, 71, 2535-2537.	3.2	163
2	Rhodium(III)â€Catalyzed Cï£;H Activation and Indole Synthesis With Hydrazone as an Autoâ€Formed and Autoâ€Cleavable Directing Group. Chemistry - A European Journal, 2014, 20, 2352-2356.	3.3	160
3	Synthesis of Isoquinolines and Heterocycle-Fused Pyridines via Three-Component Cascade Reaction of Aryl Ketones, Hydroxylamine, and Alkynes. Journal of Organic Chemistry, 2012, 77, 5794-5800.	3.2	158
4	Highly Chemo- and Stereoselective Palladium-Catalyzed Transfer Semihydrogenation of Internal Alkynes Affording <i>cis</i> -Alkenes. Journal of Organic Chemistry, 2010, 75, 2966-2970.	3.2	113
5	Recent Advances in Bismuth-Catalyzed Organic Synthesis. Current Organic Synthesis, 2008, 5, 1-27.	1.3	99
6	Re(CO)5Br-Catalyzed Coupling of Epoxides with CO2Affording Cyclic Carbonates under Solvent-Free Conditions. Journal of Organic Chemistry, 2005, 70, 381-383.	3.2	98
7	An Efficient and Selective Hydroarylation of Styrenes with Electron-Rich Arenes, Catalyzed by Bismuth(III) Chloride and Affording Markovnikov Adducts. European Journal of Organic Chemistry, 2006, 2006, 4231-4236.	2.4	88
8	C–H Activation and Alkyne Annulation via Automatic or Intrinsic Directing Groups: Towards High Step Economy. Chemical Record, 2018, 18, 556-569.	5.8	77
9	Modular Assembly of Ring-Fused and π-Extended Phenanthroimidazoles via C–H Activation and Alkyne Annulation. Journal of Organic Chemistry, 2014, 79, 3930-3936.	3.2	75
10	Gold(I)-catalyzed direct C–H arylation of pyrazine and pyridine with aryl bromides. Tetrahedron Letters, 2009, 50, 1478-1481.	1.4	74
11	Stereodivergent Rutheniumâ€Catalyzed Transfer Semihydrogenation of Diaryl Alkynes. Chemistry - A European Journal, 2011, 17, 8462-8465.	3.3	74
12	Re(CO)5Br-Catalyzed Addition of Carboxylic Acids to Terminal Alkynes:Â A High Anti-Markovnikov and Recoverable Homogeneous Catalyst. Journal of Organic Chemistry, 2004, 69, 5782-5784.	3.2	73
13	Highly Efficient Nitration of Phenolic Compounds in Solid Phase or Solution Using Bi(NO3)3·5H2O as Nitrating Reagent. Journal of Organic Chemistry, 2005, 70, 9071-9073.	3.2	71
14	Cycloaddition of Alkynes: Atom-Economic Protocols for Constructing Six-Membered Cycles. Current Organic Chemistry, 2011, 15, 712-729.	1.6	71
15	One-Pot Synthesis of Multisubstituted 2-Aminoquinolines from Annulation of 1-Aryl Tetrazoles with Internal Alkynes via Double C–H Activation and Denitrogenation. Journal of Organic Chemistry, 2014, 79, 11541-11548.	3.2	65
16	CuCl-catalyzed cycloaddition of 1,3-butadiynes with primary amines: an atom-economic process for synthesis of 1,2,5-trisubsituted pyrroles. Tetrahedron Letters, 2010, 51, 4512-4514.	1.4	59
17	Nickel-Catalyzed Thioallylation of Alkynes with Allyl Phenyl Sulfides. Organic Letters, 2007, 9, 263-266.	4.6	55
18	Efficient DMFâ€Catalyzed Coupling of Epoxides with CO2 under Solventâ€Free Conditions to Afford Cyclic Carbonates. Synthetic Communications, 2006, 36, 3141-3148.	2.1	53

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19	Recent Development of Rhenium-Catalyzed Organic Synthesis. Current Organic Synthesis, 2007, 4, 151-174.	1.3	53
20	A general approach to arylated furans, pyrroles, and thiophenes. Tetrahedron, 2014, 70, 8252-8256.	1.9	53
21	Copper-catalyzed three-component one-pot synthesis of quinazolines. Tetrahedron, 2012, 68, 9364-9370.	1.9	50
22	An efficient synthesis of unsymmetrical diarylmethanes from the dehydration of arenes with benzyl alcohols using InCl3·4H2O/acetylacetone catalyst system. Tetrahedron, 2007, 63, 10185-10188.	1.9	48
23	Rhodium-Catalyzed Nondecarbonylative Addition Reaction of ClCOCOOC2H5 to Alkynes. Chemistry - A European Journal, 2005, 11, 3621-3630.	3.3	44
24	An efficient palladium-catalyzed Heck coupling of aryl chlorides with alkenes. Tetrahedron Letters, 2006, 47, 2573-2576.	1.4	43
25	Acid-catalyzed carboxylic acid esterification and ester hydrolysis mechanism: acylium ion as a sharing active intermediate via a spontaneous trimolecular reaction based on density functional theory calculation and supported by electrospray ionization-mass spectrometry. Physical Chemistry Chemical Physics. 2015. 17. 30279-30291.	2.8	43
26	Palladiumâ€Catalyzed Efficient and Oneâ€Pot Synthesis of Diarylacetylenes from the Reaction of Aryl Chlorides with 2â€Methylâ€3â€butynâ€2â€ol. Advanced Synthesis and Catalysis, 2007, 349, 1738-1742.	4.3	42
27	Synthesis of Natural Product-like Polyheterocycles via One-Pot Cascade Oximation, C–H Activation, and Alkyne Annulation. Journal of Organic Chemistry, 2016, 81, 8911-8919.	3.2	41
28	Recent Advances in Construction of Polycyclic Natural Product Scaffolds via One-Pot Reactions Involving Alkyne Annulation. Frontiers in Chemistry, 2020, 8, 580355.	3.6	41
29	BrÃ,nsted Acid-Promoted One-Pot Synthesis of Chrysene Derivatives via Isochromenylium Intermediate Formed in Situ. Journal of Organic Chemistry, 2015, 80, 7635-7641.	3.2	38
30	Reactions of a Carbamoylstannane with Acid Chlorides: Highly Efficient Synthesis of α-Oxo Amides. Journal of Organic Chemistry, 2004, 69, 974-976.	3.2	37
31	HNO <sub>3</sub> /HFIP: A Nitrating System for Arenes with Direct Observation of π-Complex Intermediates. Organic Letters, 2018, 20, 3197-3201.	4.6	33
32	ReCl(CO)5-catalyzed cyclocondensation of phenols with 2-methyl-3-butyn-2-ol to afford 2,2-dimethyl-2H-chromenes. Tetrahedron Letters, 2011, 52, 3926-3928.	1.4	32
33	An alternative CuCl–piperidineâ€catalyzed oxidative homocoupling of terminal alkynes affording 1,3â€diynes in air. Applied Organometallic Chemistry, 2010, 24, 314-316.	3.5	31
34	Palladium-catalysed annulation of β-chloro-α,β-unsaturated esters with internal alkynes leading to 2H-pyran-2-ones. New Journal of Chemistry, 2001, 25, 179-184.	2.8	30
35	An Efficient Rhodium-Catalyzed Double Hydroaminocarbonylation of Alkynes with Carbon Monoxide and Amines Affording 1,4-Diamide Derivatives. Advanced Synthesis and Catalysis, 2007, 349, 849-852.	4.3	26
36	A domino three-component condensation of ortho-haloacetophenones with urea or amines: a novel one-pot synthesis of halogen-substituted quinolines. Tetrahedron, 2009, 65, 1316-1320.	1.9	26

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37	Copper(I)-catalyzed reaction of diaryl buta-1,3-diynes with cyclic amines: an atom-economic approach to amino-substituted naphthalene derivatives. Tetrahedron Letters, 2011, 52, 4408-4411.	1.4	26
38	Rhodium(I)â€Catalyzed Reductive Cyclocarbonylation of Internal Alkynes: Atomâ€Economic Process for Synthesis of 2â€Cyclopentenâ€Iâ€ones, 5â€Alkylidenefuranâ€2(5 <i>H</i> )â€ones and Indanâ€Iâ€ones. European Journal, 2009, 15, 3817-3822.	Chemaistry	- A25
39	Regioselective Re(I)-catalyzed coupling of terminal alkynes, Et2NH, and CO2 leading to anti-Markovnikov adducts. Tetrahedron Letters, 2006, 47, 953-955.	1.4	24
40	Ru3(CO)12-Catalyzed Reactions of Catechols with Alkynes: An Atom-Economic Process for the Synthesis of 2,2-Disubstituted 1,3-Benzodioxoles from the Double Addition of the Oâ^'H Bond Across a Triple Bond. Journal of Organic Chemistry, 2008, 73, 8658-8660.	3.2	24
41	Cycloaddition of 1,3-Butadiynes: Efficient Synthesis of Carbo- and Heterocycles. Molecules, 2014, 19, 13788-13802.	3.8	24
42	Synthesis of 3,5-disubstituted 1,2,4-oxadiazoles and their behavior of liquid crystallines. Tetrahedron Letters, 2014, 55, 1557-1560.	1.4	24
43	Silver-catalyzed chemoselective annulation of propargyl amines with alkynes for access to pyridines and pyrroles. Tetrahedron, 2017, 73, 6080-6084.	1.9	24
44	Base-promoted nucleophilic fluoroarenes substitution of C F bonds. Tetrahedron, 2018, 74, 303-307.	1.9	24
45	Quinazolinone Synthesis through Base-Promoted S <sub>N</sub> Ar Reaction of <i>ortho</i> -Fluorobenzamides with Amides Followed by Cyclization. ACS Omega, 2019, 4, 8207-8213.	3.5	24
46	Cycloaddition of 1,4-Diaryl-1,3-butadiynes with Nitriles: An Atom-economic One-pot Approach to Benzo[ <i>f</i> ]quinazolines. Chemistry Letters, 2013, 42, 769-771.	1.3	23
47	Au(I)-Catalyzed Annulation of Propargyl Amine with Aldehydes: One-Pot Cascade Synthesis of 2,5-Dimethylpyrazines. International Journal of Molecular Sciences, 2015, 16, 3599-3608.	4.1	23
48	Isoquinolone Syntheses by Annulation Protocols. Catalysts, 2021, 11, 620.	3.5	23
49	Highly efficient K7NiV13O38-catalyzed hydroxylation of aromatics with aqueous hydrogen peroxide (30%). Applied Catalysis A: General, 2004, 270, 223-226.	4.3	22
50	Conversion of carbon dioxide into 2-oxazolidinones and 2(3H)-oxazolones catalyzed by 2,2′,2″-terpyridine. Tetrahedron, 2016, 72, 1200-1204.	1.9	21
51	An Efficient Bismuth(III) Chloride-Catalyzed Synthesis of 1,1-Diarylalkenesvia Friedel–Crafts Reaction of Acyl Chloride or Vinyl Chloride with Arenes. Advanced Synthesis and Catalysis, 2006, 348, 1919-1925.	4.3	20
52	A highly efficient cycloaddition of vinylarenes with electron-deficient alkynes affording 1,2-disubstituted-3,4-dihydronaphthalenes catalysed by N,N-dimethylformamide dimethyl acetal. Organic and Biomolecular Chemistry, 2007, 5, 1854.	2.8	20
53	Rhodiumâ€Catalyzed [2+2+1+1] Cyclocarbonylative Coupling of Alkynes with Carbon Monoxide Affording Tetrasubstituted <i>p</i> â€Benzoquinones. Chemistry - A European Journal, 2007, 13, 8333-8337.	3.3	20
54	ReBr(CO)5-catalyzed sequential addition–cyclization of 1,3-dicarbonyl compounds with electron-deficient internal alkynes affording trisubstituted 2H-pyran-2-ones. Tetrahedron, 2007, 63, 11803-11808.	1.9	20

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55	Synthesis of 3-methyleneisoindolin-1-ones via palladium-catalyzed C–Cl bond cleavage and cyclocarbonylation of ortho-chloro ketimines. Tetrahedron Letters, 2013, 54, 5159-5161.	1.4	20
56	Synthesis of Chrysene Derivatives via Copper-Catalyzed One-Pot Dimerization of 2-Alkynyl-1-acetylbenzenes. Journal of Organic Chemistry, 2014, 79, 4352-4357.	3.2	20
57	Highly Regioselective Rhenium-Catalyzed Hydrosilylation of Styrenes. European Journal of Organic Chemistry, 2006, 2006, 5495-5498.	2.4	19
58	Synthesis of Heterocycles by Using Propargyl Compounds as Versatile Synthons. Mini-Reviews in Organic Chemistry, 2018, 15, 198-207.	1.3	18
59	An alternative efficiently Ru3(CO)12-catalyzed reductive cyclocarbonylation of alkynes affording substituted furan-2(5H)-ones. Catalysis Communications, 2007, 8, 1031-1035.	3.3	17
60	Base-Promoted SNAr Reactions of Fluoro- and Chloroarenes as a Route to N-Aryl Indoles and Carbazoles. Molecules, 2019, 24, 1145.	3.8	17
61	Efficient DMFâ€Promoted Solventless Hydrolysis of Epoxides with Equimolar Amount of H <sub>2</sub> 0, Affording 1,2â€Điols. Synthetic Communications, 2008, 38, 232-238.	2.1	16
62	Palladium-catalyzed [3+2+1] cyclocarbonylative coupling of 1,3-cyclohexanediones, alkynes, and carbon monoxide: an atom-economic route to chromene-2,5-dione derivatives. Tetrahedron Letters, 2010, 51, 6433-6435.	1.4	16
63	Synthesis and antiproliferative activity of RITA and its analogs. Tetrahedron Letters, 2014, 55, 6635-6638.	1.4	16
64	Copper-Catalyzed Synthesis of Isoquinolines by the Cyclocondensation of ortho- Alkynyl Aromatic Aldehydes or Ketones with Urea. Current Organic Synthesis, 2013, 10, 328-332.	1.3	16
65	ReBr(CO)5 atalyzed Knoevenagel Condensation. Synthetic Communications, 2004, 34, 3219-3225.	2.1	15
66	Synthesis of Benzofulvene Derivatives from Diarylacetylenes via Pd(II)-Catalyzed Alkyne-Directed C(sp <sup>2</sup> )–H Bond Activation. Journal of Organic Chemistry, 2015, 80, 8430-8434.	3.2	15
67	An Efficient Copper-Catalyzed Cyclocondensation of Anilines with Propargyl Alcohols Approach to 1,2-Dihydroquinolines. Current Organic Synthesis, 2012, 9, 273-277.	1.3	14
68	CuSO4·5H2O-catalyzed aminobenzannulation of ortho-alkynylaromatic ketones with anilines approach towards 1-aminonaphthalenes. Tetrahedron, 2016, 72, 4608-4615.	1.9	13
69	Synthesis of fused polycyclic indoles via Cu(II)-catalyzed intramolecular cyclization of N-(2-cyanophenyl)indoles in the presence of diaryliodonium salts. Tetrahedron, 2017, 73, 395-402.	1.9	12
70	[Cu( malo NHC)]-catalyzed synthesis of 2-aryl pyrazolo[5,1- a ]isoquinolines by annulation of N ′-(2-((trimethylsilyl)ethynyl)benzylidene)hydrazides with terminal aromatic alkynes. Tetrahedron, 2017, 73, 6428-6435.	1.9	12
71	Palladium-Catalyzed Cycloaddition of 1,3-Butadiynes with Water: An Alternative Efficient Catalytic System for Atom-Economic Synthesis of 2,5-Disubstituted Furans. Current Organic Synthesis, 2013, 10, 161-164.	1.3	12
72	Base-Promoted Chemodivergent Formation of 1,4-Benzoxazepin-5(4H)-ones and 1,3-Benzoxazin-4(4H)-ones Switched by Solvents. Molecules, 2019, 24, 3773.	3.8	11

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73	Isoquinolone Synthesis via Zn(OTf)2-Catalyzed Aerobic Cyclocondensation of 2-(1-Alkynyl)-benzaldehydes with Arylamines. Catalysts, 2020, 10, 683.	3.5	11
74	Palladium atalyzed Heck coupling of 2â€vinylpyridine with aryl chlorides. Applied Organometallic Chemistry, 2008, 22, 397-401.	3.5	10
75	One-pot Approach to 4-Vinyl-1,2,3-Triazoles by Cycloaddition of Azides with Propargyl Alcohols Catalyzed by Cu(I)/Ru(III)/TFA. Current Organic Synthesis, 2012, 9, 898-902.	1.3	10
76	Base-promoted synthesis of 1 H ,3 H -pyrrolo[1,2- c ]thiazol-3-imine derivatives via [3+2] annulation of 2-alkynylpyrroles with isothiocyanates. Tetrahedron, 2016, 72, 7613-7619.	1.9	9
77	Synthesis of 3H-naphtho[2.1-b]pyran-2-carboxamides from cyclocoupling of β-naphthol, propargyl alcohols and isocyanide in the presence of Lewis acids. Tetrahedron, 2018, 74, 3776-3780.	1.9	9
78	Synthesis of 1-Benzyl-, 1-Alkoxyl-, and 1-Aminoisoquinolines via Rhodium(III)-Catalyzed Aryl C–H Activation and Alkyne Annulation. Journal of Organic Chemistry, 2021, 86, 8862-8872.	3.2	9
79	Biaryl Formation via Base-Promoted Direct Coupling Reactions of Arenes with Aryl Halides. ACS Omega, 2021, 6, 15981-15987.	3.5	9
80	One-Pot Synthesis of 2,4,6-Triarylpyridines by the Oxidative Cyclocondensation of Benzaldehydes, Aromatic Alkynes and Ammonium Bifluoride. Current Organic Synthesis, 2013, 10, 655-660.	1.3	9
81	Synthesis of 1,4-Bis(phenylethynyl)benzenes and Their Application as Blue Phase Liquid Crystal Composition. International Journal of Molecular Sciences, 2013, 14, 23257-23273.	4.1	7
82	Straightforward Approach to Synthesize 3,3′-Bipyrroles by Oxidative Homocoupling of 1,2,5-Trisubstituted Pyrroles. Chemistry Letters, 2013, 42, 836-837.	1.3	7
83	2,2',2''-Terpyridine-Catalyzed Synthesis of Cyclic Carbonates from Epoxides and Carbon Dioxide under Solvent-Free Conditions. International Journal of Molecular Sciences, 2014, 15, 9945-9951.	4.1	7
84	Palladium-catalyzed direct intramolecular double α-C–H arylation of 1,5-diketone: a strategy for synthesis of TrA¶ger's base analogues. Tetrahedron Letters, 2014, 55, 3374-3376.	1.4	7
85	Dual XH–π Interaction of Hexafluoroisopropanol with Arenes. Molecules, 2021, 26, 4558.	3.8	7
86	An improved practical Pd/Câ€catalyzed Sonogashira crossâ€coupling reaction for the synthesis of liquid crystals of transâ€cyclohexyltolans. Applied Organometallic Chemistry, 2010, 24, 473-476.	3.5	6
87	Multikilogram Scale Organolithiation Chemistry for the Manufacture of Liquid Crystal Intermediates. Organic Process Research and Development, 2014, 18, 1229-1233.	2.7	6
88	Base-Promoted Annulation of Amidoximes with Alkynes: Simple Access to 2,4-Disubstituted Imidazoles. Molecules, 2020, 25, 3621.	3.8	6
89	Synthesis of Alkyl Aryl Sulfones via Reaction of N-Arylsulfonyl Hydroxyamines with Electron-Deficient Alkenes. Molecules, 2017, 22, 39.	3.8	4
90	A Monomerâ€Polymerâ€Monomer (MPM) Organic Synthesis Strategy: Synthesis and Application of Polybenzofuran for Functionalizing Benzene Ring of Benzofuran. Asian Journal of Organic Chemistry, 2021, 10, 2137-2142.	2.7	4

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91	Novel C–N bond cleavage and formation in the polyoxometalates-catalyzed oxidation of nitroaromatics with 30% aqueous H2O2: An unprecedented disproportionation of nitroaromatics affording dinitroaromatics. Inorganica Chimica Acta, 2005, 358, 4045-4048.	2.4	3
92	Efficient, Simple Preparation of 1,3â€Diamine Derivatives through Addition of Acrylamides with Secondary Amines. Synthetic Communications, 2005, 35, 1375-1380.	2.1	3
93	A concise synthesis of indolo[2,1-a]isoquinoline via alkyne annulations promoted by base. Tetrahedron Letters, 2022, 88, 153566.	1.4	3
94	Palladium-Catalyzed Cycloaddition of 1,3-Butadiynes with Water: An Alternative Efficient Catalytic System for Atom-Economic Synthesis of 2,5-Disubstituted Furans. Current Organic Synthesis, 2013, 10, 161-164.	1.3	2
95	An Asymmetrical Cyanine Dye Nanoparticles for Small Vessel Photoacoustic Imaging <i>In Vivo</i> . ChemNanoMat, 2018, 4, 626-630.	2.8	2
96	Cu(I)/Pd(II)-Catalyzed Intramolecular Hydroamidation and C-H Dehydrogenative Coupling of ortho-Alkynyl-N-arylbenzamides for Access to Isoindolo[2,1-a]Indol-6-Ones. Molecules, 2022, 27, 3393.	3.8	2
97	Organocatalytic Transformation of Carbon Dioxide. , 0, , .		1
98	Base-Promoted One-Pot Synthesis of Pyridine Derivatives via Aromatic Alkyne Annulation Using Benzamides as Nitrogen Source. Molecules, 2021, 26, 6599.	3.8	1
99	Re(CO)5Br-Catalyzed Addition of Carboxylic Acids to Terminal Alkynes: A High anti-Markovnikov and Recoverable Homogeneous Catalyst ChemInform, 2004, 35, no.	0.0	0
100	ReBr(CO)5-Catalyzed Knoevenagel Condensation ChemInform, 2005, 36, no.	0.0	0
101	Efficient, Simple Preparation of 1,3-Diamine Derivatives Through Addition of Acrylamides with Secondary Amines. ChemInform, 2005, 36, no	0.0	0