Hao-Tao Tang

List of Publications by Year
in descending order

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62 papers	2,282 citations	201674 27 h-index	233421 45 g-index
63 all docs	63 docs citations	63 times ranked	1650 citing authors

#	Article	IF	Citations
1	Porous Organic Polymer-Derived Nanopalladium Catalysts for Chemoselective Synthesis of Antitumor Benzofuro[2,3-b]pyrazine from 2-Bromophenol and Isonitriles. Organic Letters, 2019, 21, 4929-4932.	4.6	147
2	Electrochemically enabled synthesis of sulfide imidazopyridines via a radical cyclization cascade. Green Chemistry, 2020, 22, 6334-6339.	9.0	117
3	Electrochemical sulfonylation of thiols with sulfonyl hydrazides: a metal- and oxidant-free protocol for the synthesis of thiosulfonates. Green Chemistry, 2018, 20, 4428-4432.	9.0	110
4	Halogen-mediated electrochemical organic synthesis. Organic and Biomolecular Chemistry, 2020, 18, 5315-5333.	2.8	98
5	Electrochemical Difunctionalization of Olefines: Access to Selenomethylâ€Substituted Cyclic Ethers or Lactones. Advanced Synthesis and Catalysis, 2020, 362, 506-511.	4.3	96
6	Direct Câ€“H sulfenylation of quinoxalinones with thiols under visible-light-induced photocatalyst-free conditions. Green Chemistry, 2019, 21, 6241-6245.	9.0	94
7	Porous Ligand Creates New Reaction Route: Bifunctional Single-Atom Palladium Catalyst for Selective Distannylation of Terminal Alkynes. CheM, 2020, 6, 2300-2313.	11.7	92
8	Electrochemical Synthesis of 1-Naphthols by Intermolecular Annulation of Alkynes with 1,3-Dicarbonyl Compounds. Organic Letters, 2020, 22, 724-728.	4.6	89
9	Copper-Catalyzed Decarboxylative/Click Cascade Reaction: Regioselective Assembly of 5-Selenotriazole Anticancer Agents. Organic Letters, 2018, 20, 925-929.	4.6	83
10	Electrochemically enabled chemoselective sulfonylation and hydrazination of indoles. Green Chemistry, 2019, 21, 3807-3811.	9.0	76
11	Electrochemically Enabled Double Câ€“H Activation of Amides: Chemoselective Synthesis of Polycyclic Isoquinolinones. Organic Letters, 2019, 21, 9841-9845.	4.6	64
12	Constructing Mononuclear Palladium Catalysts by Precoordination/Solvothermal Polymerization: Recyclable Catalyst for Regioselective Oxidative Heck Reactions. Angewandte Chemie - International Edition, 2019, 58, 2448-2453.	13.8	64
13	Palladium/Phosphorusâ€Doped Porous Organic Polymer as Recyclable Chemoselective and Efficient Hydrogenation Catalyst under Ambient Conditions. Advanced Synthesis and Catalysis, 2017, 359, 2280-2287.	4.3	60
14	Synthesis of rutaecarpine alkaloids via an electrochemical cross dehydrogenation coupling reaction. Green Chemistry, 2019, 21, 5517-5520.	9.0	53
15	Metalâ€and Oxidantâ€free Electrosynthesis of 1,2,3â€Thiadiazoles from Element Sulfur and Nâ€tosyl Hydrazones. Advanced Synthesis and Catalysis, 2019, 361, 1756-1760.	4.3	52
16	Visibleâ€Lightâ€Promoted Selenylative Spirocyclization of Indolylâ€ynones toward the Formation of 3â€Selenospiroindolenine Anticancer Agents. Chemistry - an Asian Journal, 2020, 15, 1536-1539.	3.3	52
17	Electrochemical Sulfonylation of Alkynes with Sulfonyl Hydrazides: A Metalâ€and Oxidantâ€Free Protocol for the Synthesis of Alkynyl Sulfones. Advanced Synthesis and Catalysis, 2020, 362, 2160-2167.	4.3	52
18	Electrochemical Dehydrogenative Coupling of Alcohols with Hydrogen Phosphoryl Compounds: A Green Protocol for Pâ^'O Bond Formation. Advanced Synthesis and Catalysis, 2019, 361, 1761-1765.	4.3	51

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19	Well-defined coordination environment breaks the bottleneck of organic synthesis: Single-atom palladium catalyzed hydrosilylation of internal alkynes. Nano Research, 2022, 15, 1500-1508.	10.4	51
20	Electrochemical Synthesis of 3,5â€Disubstitutedâ€1,2,4â€thiadiazoles through NH₄Iâ€Mediated Dimerization of Thioamides. Advanced Synthesis and Catalysis, 2018, 360, 4043-4048.	4.3	49
21	Highly Regio- and Stereoselective Markovnikov Hydrosilylation of Alkynes Catalyzed by High-Nuclearity {Co₁₄} Clusters. ACS Catalysis, 2021, 11, 6944-6950.	11.2	46
22	Palladium-Metalated Porous Organic Polymers as Recyclable Catalysts for the Chemioselective Synthesis of Thiazoles from Thiobenzamides and Isonitriles. Organic Letters, 2018, 20, 2494-2498.	4.6	45
23	Palladium-metalated porous organic polymers as recyclable catalysts for chemoselective decarbonylation of aldehydes. Chemical Communications, 2018, 54, 8446-8449.	4.1	41
24	Transition-metal-free Câ€“N and Câ€“C formation: synthesis of benzo[4,5]imidazo[1,2-a]pyridines and 2-pyridones from ynones. Green Chemistry, 2018, 20, 2007-2012.	9.0	38
25	Porous Organic Polymer as a Heterogeneous Ligand for Highly Regio- and Stereoselective Nickel-Catalyzed Hydrosilylation of Alkyne. Organic Letters, 2018, 20, 7748-7752.	4.6	35
26	Photocatalyst-controlled and visible light-enabled selective oxidation of pyridinium salts. Science China Chemistry, 2021, 64, 753-760.	8.2	34
27	Photocatalytic Construction of Sâ€“S and Câ€“S Bonds Promoted by Acridinium Salt: An Unexpected Pathway To Synthesize 1,2,4-Dithiazoles. Organic Letters, 2018, 20, 4819-4823.	4.6	30
28	Electrochemically mediated decarboxylative acylation of N-nitrosoanilines with Î±-oxocarboxylic acids. Chinese Chemical Letters, 2023, 34, 107537.	9.0	30
29	Metalâ€and Catalystâ€Free Electrochemical Synthesis of Quinazolinones from Alkenes and 2â€Aminobenzamides. ChemElectroChem, 2019, 6, 3120-3124.	3.4	26
30	Simultaneous Construction of Câ^'Se And Câ^'S Bonds via the Visibleâ€Lightâ€Mediated Multicomponent Cascade Reaction of Diselenides, Alkynes, and SO₂. Chemistry - an Asian Journal, 2019, 14, 3264-3268.	3.3	25
31	Electrochemical-mediated fixation of CO₂: three-component synthesis of carbamate compounds from CO₂, amines and N-alkenylsulfonamides. Green Chemistry, 2021, 23, 4328-4332.	9.0	25
32	Photoinduced Cascade Reaction of Tertiary Amines with Sulfonyl Azides: Synthesis of Amidine Derivatives. Advanced Synthesis and Catalysis, 2019, 361, 3656-3660.	4.3	23
33	Electrochemically Enabled Selenium Catalytic Synthesis of 2,1-Benzoxazoles from o-Nitrophenylacetylenes. Journal of Organic Chemistry, 2021, 86, 16121-16127.	3.2	22
34	Electrochemically-mediated Câ€“H functionalization of allenes and 1,3-dicarbonyl compounds to construct tetrasubstituted furans. Organic Chemistry Frontiers, 2022, 9, 781-787.	4.5	22
35	Electrochemically Mediated Direct C(sp³)â^'H Sulfonylation of Xanthene Derivatives. Advanced Synthesis and Catalysis, 2022, 364, 726-731.	4.3	21
36	Copper(I)â€Catalyzed Stereoselective Synthesis of (1E,3E)â€2â€Sulfonylâ€1,3â€dienes from Nâ€Propargylic Sulfonohydrazones. Advanced Synthesis and Catalysis, 2013, 355, 1291-1296.	4.3	20

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37	Synthesis of 5,6-Dihydropyrazolo[1,5-c]quinazolines through Gold-Catalyzed Chemoselective Bicyclization of N-Propargylic Sulfonylhydrazones. Organic Letters, 2015, 17, 326-329.	4.6	20
38	Electrochemically mediated three-component synthesis of isothioureas using thiols as sulfur source. Green Synthesis and Catalysis, 2023, 4, 41-45.	6.8	18
39	Xantphos Doped POPsâ€PPh₃ as Heterogeneous Ligand for Cobaltâ€Catalyzed Highly Regioâ€•and Stereoselective Hydrosilylation of Alkynes. Chemistry - an Asian Journal, 2019, 14, 149-154.	3.3	17
40	Synthesis of 5,6-Dihydropyrazolo[5,1-a]isoquinolines through Indium(III)-Promoted Halocyclizations of N-Propargylic Sulfonylhydrazones. Organic Letters, 2016, 18, 1666-1669.	4.6	16
41	Electrochemically enabled functionalization of indoles or anilines for the synthesis of hexafluoroisopropoxy indole and aniline derivatives. Organic and Biomolecular Chemistry, 2020, 18, 3832-3837.	2.8	16
42	Assembly of 5â€Aminoimidazoles via Palladiumâ€Catalysed Double Isocyanide Insertion Reaction. Advanced Synthesis and Catalysis, 2021, 363, 2762-2766.	4.3	15
43	Silver(I)-Catalyzed Tandem Sigamatropic Rearrangement/1,3-H Shift/6Ï€ Aza-electrocyclization of N-Propargylic Hydrazones: A Mild Synthetic Route to 1,6-Dihydropyridazines. Journal of Organic Chemistry, 2016, 81, 3936-3941.	3.2	14
44	Electrochemical Î±-methoxymethylation and aminomethylation of propiophenones using methanol as a green C1 source. Organic Chemistry Frontiers, 2020, 7, 2399-2404.	4.5	13
45	Baseâ€Catalyzed Nï£¿N Bond Cleavage of Hydrazones: Synthesis of Î±â€Amino Ketones. Chemistry - an Asian Journal, 2014, 9, 1278-1281.	3.3	12
46	Synthesis of 4-Arylidenepyrazolones by a Gold-Catalyzed Cyclization/Arylidene Group Transfer Cascade of N-Propioloyl Hydrazones. Journal of Organic Chemistry, 2015, 80, 9307-9313.	3.2	12
47	A robust heterogeneous Co-MOF catalyst in azideâ€“alkyne cycloaddition and Friedelâ€“Crafts reactions as well as hydrosilylation of alkynes. New Journal of Chemistry, 2021, 45, 872-880.	2.8	12
48	Paired Electrosynthesis of Aromatic Azo Compounds from Aryl Diazonium Salts with Pyrroles or Indoles. Advanced Synthesis and Catalysis, 2021, 363, 2752-2756.	4.3	12
49	Trace amount of single-atom palladium-catalyzed selective hydrosilylation of allenes. Nano Research, 2022, 15, 7091-7098.	10.4	9
50	Palladium-catalyzed synthesis of 5-amino-1,2,4-oxadiazoles via isocyanide insertion. Organic and Biomolecular Chemistry, 2020, 18, 4936-4940.	2.8	8
51	Electrochemically Mediated Esterification of Aromatic Aldehydes with Aliphatic Alcohols via Anodic Oxidation. Chinese Journal of Organic Chemistry, 2021, 41, 4718.	1.3	8
52	Synthesis of pyrazolo[5,1-a]isoquinolines through copper-catalyzed regioselective bicyclization of N-propargylic sulfonylhydrazones. Organic Chemistry Frontiers, 2017, 4, 1513-1516.	4.5	7
53	Constructing Mononuclear Palladium Catalysts by Precoordination/Solvothermal Polymerization: Recyclable Catalyst for Regioselective Oxidative Heck Reactions. Angewandte Chemie, 2019, 131, 2470-2475.	2.0	7
54	Transition metal-free catalytic formylation of carbon dioxide and amide with novel poly(ionic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T	6.8	7

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55	One-pot synthesis of oxoaporphines as potent antitumor agents and investigation of their mechanisms of actions. European Journal of Medicinal Chemistry, 2022, 231, 114141.	5.5	6
56	Synthesis of imidazo[1,2-c]thiazoles through Pd-catalyzed bicyclization of tert-butyl isonitrile with thioamides. Organic and Biomolecular Chemistry, 2019, 17, 8403-8407.	2.8	5
57	Integrating Terminal CoBr_n Salts into a 2D Cobalt(II) Coordination Polymer to Promote the Î²â€(E)â^'Selective Hydroboration of Alkynes. Advanced Synthesis and Catalysis, 2022, 364, 1873-1878.	4.3	5
58	Electrochemically Mediated Sâ€"N Bond Formation: Synthesis of Sulfenamides. Chinese Journal of Organic Chemistry, 2021, 41, 2354.	1.3	4
59	Light-driven selective aerobic oxidation of (iso)quinoliniums and related heterocycles. RSC Advances, 2021, 11, 16246-16251.	3.6	2
60	Synthesis and biological evaluation of novel 1,3-diphenylurea quinoxaline derivatives as potent anticancer agents. Medicinal Chemistry Research, 2021, 30, 1496-1511.	2.4	2
61	Synthesis of (E)-4,5-Dihydro-1H-Pyrazoles via Tandem Intermolecular Additionâ€"Cyclization of N-Propargylic Sulfonylhydrazones. Synlett, 2017, 28, 2036-2040.	1.8	1
62	Electrocatalytic Synthesis of gem-Bisarylthio Enamines and Î±-Phenylthio Ketones via a Radical Process under Mild Conditions. Synlett, 2021, 32, 593-600.	1.8	1