Bo Xu

List of Publications by Year
in descending order

184 papers	6,381 citations	57631 44 h-index	91712 69 g-index
224 all docs	224 docs citations	224 times ranked	5093 citing authors

#	Article	IF	Citations
1	Ligand Effects and Ligand Design in Homogeneous Gold(I) Catalysis. Journal of the American Chemical Society, 2012, 134, 5697-5705.	6.6	308
2	Alkane-Assisted Adsorption and Assembly of Phthalocyanines and Porphyrins. Journal of the American Chemical Society, 2000, 122, 5550-5556.	6.6	285
3	Synthesis and Structural Characterization of Stable Organogold(I) Compounds. Evidence for the Mechanism of Gold-Catalyzed Cyclizations. Journal of the American Chemical Society, 2008, 130, 17642-17643.	6.6	277
4	Designer HF-Based Fluorination Reagent: Highly Regioselective Synthesis of Fluoroalkenes and gem-Difluoromethylene Compounds from Alkynes. Journal of the American Chemical Society, 2014, 136, 14381-14384.	6.6	169
5	Fluorineâ€Enabled Cationic Gold Catalysis: Functionalized Hydration of Alkynes. Angewandte Chemie - International Edition, 2010, 49, 7247-7252.	7.2	144
6	Optimization of Catalysts and Conditions in Gold(I) Catalysisâ€"Counterion and Additive Effects. Chemical Reviews, 2021, 121, 8452-8477.	23.0	131
7	Cellulose Sponge Supported Palladium Nanoparticles as Recyclable Cross-Coupling Catalysts. ACS Applied Materials & Interfaces, 2017, 9, 17155-17162.	4.0	124
8	Efficient Synthesis of Î³-Keto Esters through Neighboring Carbonyl Group-Assisted Regioselective Hydration of 3-Alkynoates. Journal of Organic Chemistry, 2009, 74, 1640-1643.	1.7	93
9	Lewis Acid-Mediated Cycloaddition of Methylenecyclopropanes with Aldehydes and Imines:â€‰ A Facile Access to Indene, THF, and Pyrrolidine Skeletons via Homoallylic Rearrangement Protocol. Organic Letters, 2004, 6, 1175-1178.	2.4	91
10	Thermodynamically Favored Aldol Reaction of Propargyl or Allenyl Esters: Regioselective Synthesis of Carbinol Allenoates. Angewandte Chemie - International Edition, 2008, 47, 689-692.	7.2	90
11	Theoretical study of the effects of intermolecular interactions in self-assembled long-chain alkanes adsorbed on graphite surface. Surface and Interface Analysis, 2001, 32, 248-252.	0.8	89
12	A Series of Lanthanide Metalâ€"Organic Frameworks Based on Biphenylâ€3,4â€²,5â€tricarboxylate: Syntheses, Structures, Luminescence and Magnetic Properties. European Journal of Inorganic Chemistry, 2010, 2010, 3842-3849.	1.0	89
13	A Highly Efficient and Broadly Applicable Cationic Gold Catalyst. Angewandte Chemie - International Edition, 2014, 53, 4456-4459.	7.2	87
14	Highly Efficient Cu(I)-Catalyzed Synthesis of N-Heterocycles through a Cyclization-Triggered Addition of Alkynes. Journal of the American Chemical Society, 2010, 132, 916-917.	6.6	84
15	Cationic Gold Catalyst Poisoning and Reactivation. Organic Letters, 2014, 16, 3452-3455.	2.4	84
16	Lewis Acid-Catalyzed Ring-Opening Reactions of Methylenecyclopropanes with Alcoholic or Acidic Nucleophiles. Organic Letters, 2002, 4, 2145-2148.	2.4	80
17	Electrochemical synthesis of enaminones via a decarboxylative coupling reaction. Green Chemistry, 2019, 21, 3796-3801.	4.6	75
18	Hydrogen Bonding: Regulator for Nucleophilic Fluorination. Chemistry - A European Journal, 2017, 23, 17850-17861.	1.7	74

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19	Improving Homogeneous Cationic Gold Catalysis through a Mechanism-Based Approach. Accounts of Chemical Research, 2019, 52, 1275-1288.	7.6	73
20	Revisiting the Influence of Silver in Cationic Gold Catalysis: A Practical Guide. Organic Letters, 2015, 17, 4534-4537.	2.4	71
21	Predicting Counterion Effects Using a Gold Affinity Index and a Hydrogen Bonding Basicity Index. Organic Letters, 2017, 19, 5848-5851.	2.4	70
22	Self-Assembly and Immobilization of Metallophthalocyanines by Alkyl Substituents Observed with Scanning Tunneling Microscopy. Journal of Physical Chemistry B, 2000, 104, 3570-3574.	1.2	69
23	Efficient hydration of alkynes through acid-assisted BrÃ¸nsted acid catalysis. Chemical Communications, 2015, 51, 903-906.	2.2	69
24	Supported Gold Nanoparticle-Catalyzed Hydration of Alkynes under Basic Conditions. Organic Letters, 2015, 17, 162-165.	2.4	68
25	Ligand Effects in the Gold Catalyzed Hydration of Alkynes. Advanced Synthesis and Catalysis, 2016, 358, 1478-1481.	2.1	68
26	A unique 2D â† 3D polycatenation cobalt(ii)-based molecule magnet showing coexistence of paramagnetism and canted antiferromagnetism. Chemical Communications, 2011, 47, 3766.	2.2	64
27	(Radio)fluoroclick Reaction Enabled by a Hydrogenâ€Bonding Cluster. Angewandte Chemie - International Edition, 2018, 57, 2924-2928.	7.2	63
28	The Lewis Acids Catalyzed Aza-Dielsâ^'Alder Reaction of Methylenecyclopropanes with Imines. Organic Letters, 2003, 5, 579-582.	2.4	61
29	Alkyne/Alkene/Alleneâ€Induced Disproportionation of Cationic Gold(I) Catalyst. Chemistry - A European Journal, 2014, 20, 3113-3119.	1.7	61
30	Hydrogen Bonding Cluster-Enabled Addition of Sulfonic Acids to Haloalkynes: Access to Both (E)- and (Z)-Alkenyl Sulfonates. Organic Letters, 2016, 18, 4770-4773.	2.4	60
31	From 2D â† 3D inclined polycatenation to 2D â† 3D parallel polycatenation: a central metal cationic induce strategy. CrystEngComm, 2011, 13, 440-443.	1.3	58
32	Enhanced Reactivity in Homogeneous Gold Catalysis through Hydrogen Bonding. Organic Letters, 2014, 16, 636-639.	2.4	57
33	Synthesis of the Indene, THF, and Pyrrolidine Skeletons by Lewis Acid Mediated Cycloaddition of Methylenecyclopropanes with Aldehydes,N-Tosyl Aldimines, and Acetals. Chemistry - A European Journal, 2006, 12, 510-517.	1.7	56
34	Synthesis of Functionalized Î±,Î±-Disubstituted Î²-Alkynyl Esters from Allenoates through an Alkynylenolate Intermediate. Organic Letters, 2008, 10, 3713-3716.	2.4	56
35	Ring-Opening Reactions of Methylenecyclopropanes Promoted by Metal Halides. Organic Letters, 2003, 5, 1415-1418.	2.4	51
36	Stabilization Effect of Alkane Buffer Layer on Formation of Nanometer-Sized Metal Phthalocyanine Domains. Journal of Physical Chemistry B, 2000, 104, 10502-10505.	1.2	50

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37	Synthesis of Î±-CN and Î±-CF3N-Heterocycles through Tandem Nucleophilic Additions. Organic Letters, 2011, 13, 3450-3453.	2.4	50
38	Hydrogen-Bonding-Assisted BrÃ¸nsted Acid and Gold Catalysis: Access to Both (E)- and (Z)-1,2-Haloalkenes via Hydrochlorination of Haloalkynes. ACS Catalysis, 2018, 8, 904-909.	5.5	50
39	Pore-size tuning in double-pillared metalâ€“organic frameworks containing cadmium clusters. CrystEngComm, 2011, 13, 3321.	1.3	49
40	Highly Regioselective Synthesis ofgem-Difluoroallenes through Magnesium Organocuprate SN2â€˜ Substitution. Organic Letters, 2006, 8, 479-482.	2.4	48
41	Synthesis of Î±â€Fluoroketones by Insertion of HF into a Gold Carbene. Angewandte Chemie - International Edition, 2016, 55, 10032-10036.	7.2	48
42	Widely Applicable Hydrofluorination of Alkenes via Bifunctional Activation of Hydrogen Fluoride. Journal of the American Chemical Society, 2017, 139, 18202-18205.	6.6	48
43	Chloride-Tolerant Gold(I)-Catalyzed Regioselective Hydrochlorination of Alkynes. ACS Catalysis, 2017, 7, 6798-6801.	5.5	47
44	Electrochemical Oxidative Halogenation of N-Aryl Alkynamides for the Synthesis of Spiro[4.5]trienones. Journal of Organic Chemistry, 2021, 86, 917-928.	1.7	46
45	Chain-length-adjusted assembly of substituted porphyrins on graphite. Surface and Interface Analysis, 2001, 32, 266-270.	0.8	45
46	Au/TiO₂catalyzed reductive amination of aldehydes and ketones using formic acid as reductant. Organic Chemistry Frontiers, 2016, 3, 505-509.	2.3	45
47	Difluoroallenyl Bromide as a Wide-Ranging Difluoromethylene Cation Equivalent: SN2 Substitution of Difluoropropargyl Bromide through Sequential SE2â€² and SN2â€² Reactions. Angewandte Chemie - International Edition, 2005, 44, 7404-7407.	7.2	44
48	Efficient Generation and Increased Reactivity in Cationic Gold via BrÃ¸nsted Acid or Lewis Acid Assisted Activation of an Imidogold Precatalyst. Organic Letters, 2014, 16, 3500-3503.	2.4	43
49	A novel ring-opening reaction of methylenecyclopropanes with aromatic amines catalyzed by Lewis acids. Tetrahedron Letters, 2002, 43, 8019-8024.	0.7	42
50	Gold (I/III)â€Catalyzed Trifluoromethylthiolation and Trifluoromethylselenolation of Organohalides. Angewandte Chemie - International Edition, 2022, 61, .	7.2	42
51	Pd(II)- and Pd(0)-Cocatalyzed Reactions of Sulfonamides with MCPs. Organic Letters, 2003, 5, 1225-1228.	2.4	40
52	Achieving regio- and stereo-control in the fluorination of aziridines under acidic conditions. Chemical Communications, 2016, 52, 13353-13356.	2.2	40
53	Divergent Regioâ€and Stereoselective Goldâ€catalyzed Synthesis of Î±â€Fluorosulfones and Î²â€Fluorovinylsulfones from Alkynylsulfones. Chemistry - A European Journal, 2017, 23, 11977-11981.	1.7	40
54	Lewis acid-catalyzed novel [3+2] cycloaddition of methylenecyclopropanes with activated aldehydes or ketones. Tetrahedron Letters, 2003, 44, 3839-3842.	0.7	39

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55	Supported gold nanoparticles catalyzed cis-selective semihydrogenation of alkynes using ammonium formate as the reductant. Chemical Communications, 2016, 52, 6013-6016.	2.2	39
56	Commercial Supported Gold Nanoparticles Catalyzed Alkyne Hydroamination and Indole Synthesis. Advanced Synthesis and Catalysis, 2016, 358, 3313-3318.	2.1	39
57	Copper mediated oxidation of amides to imides by Selectfluor. Tetrahedron Letters, 2011, 52, 1956-1959.	0.7	38
58	Preparation of Fluorinated Tetrahydropyrans and Piperidines using a New Nucleophilic Fluorination Reagent DMPU/HF. Organic Letters, 2015, 17, 3975-3977.	2.4	38
59	Construction of cyclic enones via gold-catalyzed oxygen transfer reactions. Beilstein Journal of Organic Chemistry, 2011, 7, 606-614.	1.3	37
60	Gold-Catalyzed Addition of N-Hydroxy Heterocycles to Alkynes and Subsequent 3,3-Sigmatropic Rearrangement. Organic Letters, 2013, 15, 724-727.	2.4	36
61	Metal-free, Regio-, and Stereo-Controlled Hydrochlorination and Hydrobromination of Ynones and Ynamides. Journal of Organic Chemistry, 2017, 82, 13179-13187.	1.7	36
62	N-Heterocyclic-Carbene-Catalyzed Câ€“H Acylation via Radical Relay. Organic Letters, 2022, 24, 944-948.	2.4	36
63	Michael Addition of Allenoates to Electron-Deficient Olefins: Facile Synthesis of 2-Alkynyl-Substituted Glutaric Acid Derivatives. Organic Letters, 2008, 10, 3887-3890.	2.4	35
64	Copper-loaded nanocellulose sponge as a sustainable catalyst for regioselective hydroboration of alkynes. Carbohydrate Polymers, 2018, 191, 17-24.	5.1	35
65	Manganese-Catalyzed ortho-C-H Amidation of Weakly Coordinating Aromatic Ketones. Organic Letters, 2018, 20, 4495-4498.	2.4	35
66	Regio- and Stereoselective Synthesis of 1,2-Dihaloalkenes Using In-Situ-Generated ICl, IBr, BrCl, I2, and Br2. CheM, 2020, 6, 1018-1031.	5.8	34
67	VO(acac)2-Catalyzed Oxidative Coupling Reactions of Phosphonium Salts. Journal of Organic Chemistry, 2002, 67, 294-297.	1.7	33
68	The reactions of thiols and diphenyldisulfide with terminally substituted methylenecyclopropanes. Tetrahedron Letters, 2002, 43, 2781-2784.	0.7	33
69	Crystallographic Characterization of Difluoropropargyl Indium Bromide, a Reactive Fluoroorganometallic Reagent. Angewandte Chemie - International Edition, 2006, 45, 7265-7267.	7.2	33
70	Highly Regioselective Fluorination and Iodination of Alkynyl Enolates. Organic Letters, 2008, 10, 5589-5591.	2.4	33
71	Homogeneous and Nanoparticle Gold-Catalyzed Hydrothiocyanation of Haloalkynes. Organic Letters, 2019, 21, 2772-2776.	2.4	33
72	A 5 + 1 Protic Acid Assisted Aza-Pummerer Approach for Synthesis of 4-Chloropiperidines from Homoallylic Amines. Journal of Organic Chemistry, 2019, 84, 3249-3259.	1.7	33

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73	Experimental and Theoretical Study of Hydrogen Atom Abstraction fromn-Butane by Lanthanum Oxide Cluster Anions. Journal of Physical Chemistry A, 2011, 115, 10245-10250.	1.1	32
74	Electrochemical Tandem Fluoroalkylation-Cyclization of Vinyl Azides: Access to Trifluoroethylated and Difluoroethylated N-Heterocycles. Journal of Organic Chemistry, 2020, 85, 15708-15716.	1.7	32
75	Identification of hydrogen bond characterizations of isomeric 4Bpy and 2Bpy by STM. Surface and Interface Analysis, 2001, 32, 245-247.	0.8	30
76	Generation of highÂpower 200ÂmW laser radiation at 177.3Ânm in KBe2BO3F2 crystal. Applied Physics B: Lasers and Optics, 2015, 121, 489-494.	1.1	30
77	A New Convenient Synthesis of Propargylic Fluorohydrins and 2,5-Disubstituted Furans from Fluoropropargyl Chloride. Journal of Organic Chemistry, 2006, 71, 3518-3521.	1.7	26
78	Synthesis of Alkyl Halides from Aldehydes via Deformylative Halogenation. Organic Letters, 2019, 21, 3848-3854.	2.4	26
79	Large scale synthesis of the Cdc42 inhibitor secramine A and its inhibition of cell spreading. Organic and Biomolecular Chemistry, 2006, 4, 4149.	1.5	25
80	TBAF-Mediated Aldol Reaction of Î²-Allenoates: Regio- and Stereoselective Synthesis of (2E,4E)-4-Carbinol Alkadienoates. Journal of Organic Chemistry, 2009, 74, 4623-4625.	1.7	25
81	Acidic Coâ€Catalysts in Cationic Gold Catalysis. Chemistry - A European Journal, 2016, 22, 16410-16414.	1.7	25
82	Câ€“F Activation of hydrofluorocarbons (HFCs) mediated by aluminum reagents. Tetrahedron Letters, 2009, 50, 4078-4080.	0.7	24
83	Green Synthesis of Vicinal Dithioethers and Alkenyl Thioethers from the Reaction of Alkynes and Thiols in Water. European Journal of Organic Chemistry, 2010, 2010, 168-173.	1.2	24
84	Synthetic evolutions in the nucleophilic addition to alkynes. Journal of Organometallic Chemistry, 2011, 696, 269-276.	0.8	24
85	Manganeseâ€Catalyzed Câ^'H Amidation of Heteroarenes in Water. Advanced Synthesis and Catalysis, 2018, 360, 2801-2805.	2.1	24
86	Aromatic Ketone-Catalyzed Photochemical Synthesis of Imidazo-isoquinolinone Derivatives. Journal of Organic Chemistry, 2021, 86, 12851-12861.	1.7	24
87	From Vinylogation to Alkynylogation: Extending the Reactivity of Enolates. Synlett, 2010, 2010, 1442-1454.	1.0	23
88	A Chlorinating Reagent Yields Vinyl Chlorides with High Regioselectivity under Heterogeneous Gold Catalysis. Organic Letters, 2017, 19, 4524-4527.	2.4	23
89	Metal-Free and User-Friendly Regioselective Hydroxyfluorination of Olefins. Organic Letters, 2018, 20, 2338-2341.	2.4	23
90	Hydrogen bond donor solvents enabled metal and halogen-free Friedelâ€“Crafts acylations with virtually no waste stream. Tetrahedron Letters, 2018, 59, 869-872.	0.7	23

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91	On the Nature of Organoindium Intermediates: the Formation of Readily Isolable Difluoropropargylindium Reagents and their Regioselectivity Towards Electrophilic Substitutions. Chemistry - A European Journal, 2008, 14, 10029-10035.	1.7	22
92	Synthesis of Î±-amino ketones through aminations of umpoled enolates. Organic and Biomolecular Chemistry, 2018, 16, 6918-6922.	1.5	22
93	Metalâ€Free Electrochemical Coupling of Vinyl Azides: Synthesis of Phenanthridines and Î²â€Ketosulfones. European Journal of Organic Chemistry, 2020, 2020, 6135-6145.	1.2	22
94	CuII-catalyzed regioselective borylation of alkynes and alkenes. Tetrahedron Letters, 2016, 57, 3706-3710.	0.7	21
95	HClÂ·DMPU-assisted one-pot and metal-free conversion of aldehydes to nitriles. Green Chemistry, 2020, 22, 4161-4164.	4.6	20
96	Visible-light-driven cyanoalkylation of quinoxalinones using cyclobutanone oxime esters as the radical precursors. Tetrahedron Letters, 2019, 60, 2063-2066.	0.7	19
97	The self-assembly of [60]fullerene-substituted 2,2â€²-bipyridine on the surface of Au(111) and Au nanoparticles. New Journal of Chemistry, 2001, 25, 1191-1194.	1.4	18
98	Heptadecafluorooctanesulfonic acid catalyzed ring opening reactions of methylenecyclopropanes with aromatic amines, sulfonamides and alcohols in supercritical carbon dioxide. Green Chemistry, 2003, 5, 85-88.	4.6	18
99	Temperature-Dependent Sellmeier Equations of IR Nonlinear Optical Crystal BaGa4Se7. Crystals, 2017, 7, 62.	1.0	18
100	Base-Promoted Radical Azofluoromethylation of Unactivated Alkenes. Organic Letters, 2020, 22, 4383-4388.	2.4	18
101	Collision-Induced Dissociation and Infrared Photodissociation Studies of Methane Adsorption on V₅O₁₂⁺ and V₅O₁₃⁺ Clusters. Journal of Physical Chemistry A, 2013, 117, 2961-2970.	1.1	17
102	Electrochemical Oxidative Syntheses of NHâ€Sulfoximines, NHâ€Sulfonimidamides and Dibenzothiazines via Anodically Generated Hypervalent Iodine Intermediates. ChemSusChem, 2021, 14, 3277-3282.	3.6	16
103	Library-friendly synthesis of fluorinated ketones through functionalized hydration of alkynes and investigation of the reaction mechanism. Journal of Fluorine Chemistry, 2011, 132, 804-810.	0.9	15
104	Role of Hydrogenâ€Bonding Acceptors in Organoâ€Enamine Catalysis. Chemistry - A European Journal, 2015, 21, 11687-11691.	1.7	15
105	Metal-free regioselective hydrochlorination of unactivated alkenesviaa combined acid catalytic system. Green Chemistry, 2018, 20, 680-684.	4.6	15
106	Mild Base Promoted Nucleophilic Substitution of Unactivated sp³â€Carbon Electrophiles with Alkenylboronic Acids. Advanced Synthesis and Catalysis, 2018, 360, 3667-3671.	2.1	15
107	Rhodium-catalyzed regioselective C(sp2)â€“H bond activation reactions of N-(hetero)aryl-7-azaindoles and cross-coupling with Î±-carbonyl sulfoxonium ylides. Tetrahedron Letters, 2020, 61, 151627.	0.7	15
108	Radical generation from electroreduction of aryl and benzyl ammonium salts: synthesis of organoboronates. Organic Chemistry Frontiers, 2021, 8, 702-707.	2.3	15

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109	Goldâ€catalyzed Fluorination of Alkynyl Esters and Ketones: Efficient Access to Fluorinated 1,3â€Dicarbonyl Compounds. Advanced Synthesis and Catalysis, 2017, 359, 4062-4066.	2.1	14
110	HBrâ€“DMPU: The First Aprotic Organic Solution of Hydrogen Bromide. Chemistry - A European Journal, 2017, 23, 12739-12743.	1.7	14
111	Visible-light promoted oxidative cyclization of cinnamic acid derivatives using xanthone as the photocatalyst. Organic and Biomolecular Chemistry, 2021, 19, 568-573.	1.5	14
112	Base promoted gem-difluoroolefination of alkyl triflones. Chemical Communications, 2021, 57, 4831-4834.	2.2	14
113	Manganeseâ€Catalyzed Oximeâ€Directed orthoâ€Câ^'H Amidation in Ionic Liquids. Asian Journal of Organic Chemistry, 2019, 8, 1862-1865.	1.3	13
114	Hydrogenâ€Bondingâ€Networkâ€Assisted Regioselective Trifluoromethylthiolation and Sulfenylation of Electronâ€Rich (Hetero)arenes. Asian Journal of Organic Chemistry, 2019, 8, 1372-1375.	1.3	13
115	Solventless and metal-free regioselective hydrofluorination of functionalized alkynes and allenes: an efficient protocol for the synthesis of gem-difluorides. Green Chemistry, 2019, 21, 1467-1471.	4.6	13
116	Practical fluorothiolation and difluorothiolation of alkenes using pyridine-HF and N-thiosuccinimides. Organic Chemistry Frontiers, 2020, 7, 119-125.	2.3	13
117	Regio- and stereoselective halothiolation of alkynes using lithium halides and N-thiosuccinimides. Organic Chemistry Frontiers, 2020, 7, 1690-1695.	2.3	13
118	Synthesis of Phenanthridine and Quinoxaline Derivatives via <scp>Copperâ€Catalyzed</scp> Radical Cyanoalkylation of Cyclobutanone Oxime Esters and Vinyl Azides. Chinese Journal of Chemistry, 2021, 39, 1948-1952.	2.6	13
119	Electrochemical Sulfonylation-Induced Lactonization of Alkenes: Synthesis of Sulfonyl Phthalides. Journal of Organic Chemistry, 2022, 87, 1208-1217.	1.7	13
120	Synthesis of ArCF₂X and [¹⁸F]Ar-CF₃ via Cleavage of the Trifluoromethylsulfonyl Group. Organic Letters, 2022, 24, 164-168.	2.4	13
121	Replacement of BF4â^' by PF6â^' makes Selectfluor greener. Journal of Fluorine Chemistry, 2012, 143, 226-230.	0.9	12
122	(Radio)fluoroclick Reaction Enabled by a Hydrogenâ€Bonding Cluster. Angewandte Chemie, 2018, 130, 2974-2978.	1.6	12
123	Synthesis of Z-Enamides through Heterogeneous Gold-Catalyzed Stereoselective Hydrogenation of Ynamides. Journal of Organic Chemistry, 2019, 84, 11240-11246.	1.7	12
124	Effects of the Hydrogen Bonding Network on Electrophilic Activation and Electrode Passivation: Electrochemical Chlorination and Bromination of Aromatics. ChemElectroChem, 2019, 6, 3726-3730.	1.7	12
125	Electrochemical Oxidative Cross-Coupling between Vinyl Azides and Thiophenols: Synthesis of gem-Bisarylthio Enamines. Journal of Organic Chemistry, 2021, 86, 15946-15952.	1.7	12
126	Gold catalyzed synthesis of fluorinated tetrahydrofurans and lactones. Journal of Fluorine Chemistry, 2014, 167, 179-183.	0.9	11

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127	Synthesis of Fluorinated HomoallÂylic Compounds by Fluoroalkyl Radical Mediated Ring Opening of Methylenecyclopropanes. European Journal of Organic Chemistry, 2016, 2016, 2594-2598.	1.2	11
128	Multifaceted ion exchange resin-supported hydrogen fluoride: a path to flow hydrofluorination. Green Chemistry, 2019, 21, 2224-2228.	4.6	11
129	Unbalanced-Ion-Pair-Catalyzed Nucleophilic Fluorination Using Potassium Fluoride. Organic Letters, 2021, 23, 9640-9644.	2.4	11
130	Synthesis of Cyclic Î±-Aminophosphonates through Copper-Catalyzed Enamine Activation. Synthesis, 2013, 45, 463-470.	1.2	10
131	Synthesis of Î±â€Fluoroketones by Insertion of HF into a Gold Carbene. Angewandte Chemie, 2016, 128, 10186-10190.	1.6	10
132	Synthesis of a stable indium complex derived from Î³-silyl-Î±,Î±-difluorobromopropyne: evaluation of experimental parameters. Journal of Fluorine Chemistry, 2004, 125, 641-645.	0.9	9
133	Ligand Design in Gold Catalysis and Chemistry of Goldâ€“Oxonium Intermediates. Topics in Current Chemistry, 2014, 357, 1-23.	4.0	9
134	Metalâ€Free Chlorothiolation of Alkenes Using HCl and Sulfoxides. European Journal of Organic Chemistry, 2018, 2018, 4705-4708.	1.2	9
135	Rh(III)â€Catalyzed Câˆ'H Acylmethylation of 6â€Arylpurines Using Sulfoxonium Ylides as Carbene Precursors. ChemistrySelect, 2020, 5, 2465-2468.	0.7	9
136	Coordination polymers of 1,4-piperazinedipropionic acid: domination by flexibility, coordination, and/or configuration?. CrystEngComm, 2010, 12, 3780.	1.3	8
137	Potassium tris(triflyl)methide (KCTf₃): a broadly applicable promoter for cationic metal catalysis. Chemical Communications, 2015, 51, 13740-13743.	2.2	8
138	Stable yet reactive cationic gold catalysts with carbon based counterions. RSC Advances, 2016, 6, 77830-77833.	1.7	8
139	Encapsulation of nano-catalysts in permeable silicone elastomers. Tetrahedron Letters, 2017, 58, 2542-2546.	0.7	8
140	Bromofluorination of unsaturated compounds using DMPU/HF as a fluorinating reagent. Journal of Fluorine Chemistry, 2017, 203, 136-139.	0.9	8
141	Electrochemical quartz crystal microbalance study of the electrochemical behavior of riboflavin at gold electrodes. Electroanalysis, 1997, 9, 1422-1425.	1.5	7
142	Visualization of the intermediates in a uniform DNA condensation system by tapping mode atomic force microscopy. Surface and Interface Analysis, 2001, 32, 15-19.	0.8	7
143	Synthesis of Pyrrolidines and Pyrroles by Tandem Amination/Cyanation/Alkylation and Amination/Oxidation Sequences. European Journal of Organic Chemistry, 2014, 2014, 5786-5792.	1.2	7
144	(E)â€Alkene Synthesis via Nanoâ€Copper/Homogeneous Palladium Coâ€Catalysis and Selectivity Amplification. Asian Journal of Organic Chemistry, 2017, 6, 507-511.	1.3	7

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145	Hydrogen bonding network assisted regio- and stereo- controlled hydrohalogenations of sulfonyl alkynes. Tetrahedron Letters, 2018, 59, 3950-3954.	0.7	7
146	Chemo-, regio- and stereoselective synthesis of monofluoroalkenes via a tandem fluorinationâ€“desulfonation sequence. Chemical Communications, 2021, 57, 7802-7805.	2.2	7
147	Cobaltâ€Catalyzed Aerobic Oxidative Cleavage of Alkyl Aldehydes: Synthesis of Ketones, Esters, Amides, and Î±â€Ketoamides. Chemistry - A European Journal, 2021, 27, 9737-9741.	1.7	7
148	Pyridine hydrochloride-catalyzed thiolation of alkenes: divergent synthesis of allyl and vinyl sulfides. Organic Chemistry Frontiers, 2020, 7, 3474-3479.	2.3	7
149	Gold (I/III)â€Catalyzed Trifluoromethylthiolation and Trifluoromethylselenolation of Organohalides. Angewandte Chemie, 2022, 134, .	1.6	7
150	Reactions of Cyclopropyl Aryl Ketones with Sulfonamides Mediated by Zr(OTf)4: Cascade Preparation of 5-Aryl-3,4-dihydro-2H-pyrrole. Synlett, 2004, 2004, 1622-1624.	1.0	6
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