

Bo Xu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

173
papers

5,012
citations

40
h-index

62
g-index

224
ext. papers

5,719
ext. citations

5.9
avg, IF

6.12
L-index

#	Paper	IF	Citations
173	Synthesis of Modified Lignin as an Antiplasticizer for Strengthening Poly(vinyl alcohol)/Lignin Interactions toward Quality Gel-Spun Fibers. <i>ACS Applied Polymer Materials</i> , 2022 , 4, 1595-1607	4.3	0
172	Synthesis of Cyclopropenes and Fluorinated Cyclopropanes via Michael Initiated Ring Closure of Alkyl Triflones.. <i>Chemistry - A European Journal</i> , 2022 , e202104364	4.8	0
171	Faster and greener parallel chemical reaction work-up using Spongel® extraction. <i>Tetrahedron Letters</i> , 2022 , 95, 153702	2	
170	Mild Base-Promoted Tandem Nucleophilic Substitution/Decarboxylation/Hydroamination: Access to 3-Sulfonylindoles and 2-Methyleneindophenols. <i>Organic Letters</i> , 2021 , 23, 9157-9162	6.2	3
169	Cobalt-Catalyzed Aerobic Oxidative Cleavage of Alkyl Aldehydes: Synthesis of Ketones, Esters, Amides, and α -Ketoamides. <i>Chemistry - A European Journal</i> , 2021 , 27, 9737-9741	4.8	2
168	Synthesis of Phenanthridine and Quinoxaline Derivatives via Copper-Catalyzed Radical Cyanoalkylation of Cyclobutanone Oxime Esters and Vinyl Azides. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 1948-1952	4.9	2
167	Electrochemical Oxidative Cross-Coupling between Vinyl Azides and Thiophenols: Synthesis of α -Bisaryltio Enamines. <i>Journal of Organic Chemistry</i> , 2021 , 86, 15946-15952	4.2	0
166	Electrochemical Oxidative Syntheses of NH-Sulfoximines, NH-Sulfonimidamides and Dibenzothiazines via Anodically Generated Hypervalent Iodine Intermediates. <i>ChemSusChem</i> , 2021 , 14, 3277-3282	8.3	7
165	Electrochemical Oxidative Halogenation of α -Aryl Alkynamides for the Synthesis of Spiro[4.5]trienones. <i>Journal of Organic Chemistry</i> , 2021 , 86, 917-928	4.2	12
164	Radical generation from electroreduction of aryl and benzyl ammonium salts: synthesis of organoboronates. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 702-707	5.2	6
163	Visible-light promoted oxidative cyclization of cinnamic acid derivatives using xanthone as the photocatalyst. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 568-573	3.9	7
162	Hydrogen-Bond-Donor Solvents Enable Catalyst-Free (Radio)-Halogenation and Deuteration of Organoborons. <i>Chemistry - A European Journal</i> , 2021 , 27, 1297-1300	4.8	1
161	Chemo-, regio- and stereoselective synthesis of monofluoroalkenes a tandem fluorination-desulfonation sequence. <i>Chemical Communications</i> , 2021 , 57, 7802-7805	5.8	2
160	Optimization of Catalysts and Conditions in Gold(I) Catalysis-Counterion and Additive Effects. <i>Chemical Reviews</i> , 2021 , 121, 8452-8477	68.1	40
159	Base promoted gem-difluoroolefination of alkyl triflones. <i>Chemical Communications</i> , 2021 , 57, 4831-4834	3.8	5
158	Aromatic Ketone-Catalyzed Photochemical Synthesis of Imidazo-isoquinolinone Derivatives. <i>Journal of Organic Chemistry</i> , 2021 , 86, 12851-12861	4.2	4
157	Base-Promoted Radical Azofluoromethylation of Unactivated Alkenes. <i>Organic Letters</i> , 2020 , 22, 4383-4388	3.88	11

156	HClDMPU-Assisted One-pot and Metal-free Conversion of Aldehydes to Nitriles. <i>Green Chemistry</i> , 2020 , 22, 4161-4164	10	8
155	Regio- and stereoselective halothiolation of alkynes using lithium halides and N-thiosuccinimides. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 1690-1695	5.2	3
154	Regio- and Stereoselective Synthesis of 1,2-Dihaloalkenes Using In-Situ-Generated ICl, IBr, BrCl, I ₂ , and Br ₂ . <i>Chem</i> , 2020 , 6, 1018-1031	16.2	16
153	Rh(III)-Catalyzed C ^β Acylmethylation of 6-Arylpurines Using Sulfoxonium Ylides as Carbene Precursors. <i>ChemistrySelect</i> , 2020 , 5, 2465-2468	1.8	3
152	Pyridine hydrochloride-catalyzed thiolation of alkenes: divergent synthesis of allyl and vinyl sulfides. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 3474-3479	5.2	0
151	Rhodium-catalyzed regioselective C(sp ²) ^β bond activation reactions of N-(hetero)aryl-7-azaindoles and cross-coupling with β -carbonyl sulfoxonium ylides. <i>Tetrahedron Letters</i> , 2020 , 61, 151627	2	7
150	Practical fluorothiolation and difluorothiolation of alkenes using pyridine-HF and N-thiosuccinimides. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 119-125	5.2	7
149	OrthoCH amidations enabled by a recyclable manganese-ionic liquid catalytic system. <i>Tetrahedron Letters</i> , 2020 , 61, 151521	2	1
148	Electrochemical Tandem Fluoroalkylation-Cyclization of Vinyl Azides: Access to Trifluoroethylated and Difluoroethylated N-Heterocycles. <i>Journal of Organic Chemistry</i> , 2020 , 85, 15708-15716	4.2	15
147	Transition-State Expansion: A Quantitative Model for Counterion Effects in Ionic Reactions. <i>IScience</i> , 2020 , 23, 101593	6.1	0
146	Metal-Free Electrochemical Coupling of Vinyl Azides: Synthesis of Phenanthridines and β -ketosulfones. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 6135-6145	3.2	13
145	Revisiting the role of acids and hydrogen bond acceptors in enamine formation. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 6849-6852	3.9	0
144	Manganese-Catalyzed Oxime-Directed ortho-C ^β Amidation in Ionic Liquids. <i>Asian Journal of Organic Chemistry</i> , 2019 , 8, 1862-1865	3	9
143	Multifaceted Ion Exchange Resin-Supported Hydrogen Fluoride: A Path to Flow Hydrofluorination. <i>Green Chemistry</i> , 2019 , 21, 2224-2228	10	8
142	Visible-light-driven cyanoalkylation of quinoxalinones using cyclobutanone oxime esters as the radical precursors. <i>Tetrahedron Letters</i> , 2019 , 60, 2063-2066	2	14
141	Electrochemical synthesis of enamines via a decarboxylative coupling reaction. <i>Green Chemistry</i> , 2019 , 21, 3796-3801	10	51
140	Hydrogen-Bonding-Network-Assisted Regioselective Trifluoromethylthiolation and Sulfenylation of Electron-Rich (Hetero)arenes. <i>Asian Journal of Organic Chemistry</i> , 2019 , 8, 1372-1375	3	9
139	Improving Homogeneous Cationic Gold Catalysis through a Mechanism-Based Approach. <i>Accounts of Chemical Research</i> , 2019 , 52, 1275-1288	24.3	47

138	Synthesis of Alkyl Halides from Aldehydes via Deformylative Halogenation. <i>Organic Letters</i> , 2019 , 21, 3848-3854	6.2	21
137	Homogeneous and Nanoparticle Gold-Catalyzed Hydrothiocyanation of Haloalkynes. <i>Organic Letters</i> , 2019 , 21, 2772-2776	6.2	27
136	Synthesis of α -Enamides through Heterogeneous Gold-Catalyzed Stereoselective Hydrogenation of Ynamides. <i>Journal of Organic Chemistry</i> , 2019 , 84, 11240-11246	4.2	7
135	Effects of the Hydrogen Bonding Network on Electrophilic Activation and Electrode Passivation: Electrochemical Chlorination and Bromination of Aromatics. <i>ChemElectroChem</i> , 2019 , 6, 3726-3730	4.3	7
134	Easy-handling and low-leaching heterogeneous palladium and platinum catalysts via coating with a silicone elastomer. <i>Tetrahedron Letters</i> , 2019 , 60, 948-952	2	3
133	A 5 + 1 Protic Acid Assisted Aza-Pummerer Approach for Synthesis of 4-Chloropiperidines from Homoallylic Amines. <i>Journal of Organic Chemistry</i> , 2019 , 84, 3249-3259	4.2	21
132	Solventless and Metal-free Regioselective Hydrofluorination of Functionalized Alkynes and Allenes: An Efficient Protocol for the Synthesis of α -Difluorides. <i>Green Chemistry</i> , 2019 , 21, 1467-1471	10	5
131	Copper-loaded nanocellulose sponge as a sustainable catalyst for regioselective hydroboration of alkynes. <i>Carbohydrate Polymers</i> , 2018 , 191, 17-24	10.3	24
130	Metal-Free and User-Friendly Regioselective Hydroxyfluorination of Olefins. <i>Organic Letters</i> , 2018 , 20, 2338-2341	6.2	14
129	(Radio)fluoroclick Reaction Enabled by a Hydrogen-Bonding Cluster. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 2924-2928	16.4	44
128	Hydrogen bond donor solvents enabled metal and halogen-free Friedel-Crafts acylations with virtually no waste stream. <i>Tetrahedron Letters</i> , 2018 , 59, 869-872	2	16
127	(Radio)fluoroclick Reaction Enabled by a Hydrogen-Bonding Cluster. <i>Angewandte Chemie</i> , 2018 , 130, 2974-2978	3.6	9
126	Metal-free Regioselective Hydrochlorination of Unactivated Alkenes a Combined Acid Catalytic System. <i>Green Chemistry</i> , 2018 , 20, 680-684	10	8
125	Faster and Greener Chemical Reaction Workup Using Silicone Elastomer-Coated Glass Powders. <i>ACS Omega</i> , 2018 , 3, 6748-6756	3.9	3
124	Manganese-Catalyzed ortho-C-H Amidation of Weakly Coordinating Aromatic Ketones. <i>Organic Letters</i> , 2018 , 20, 4495-4498	6.2	21
123	Metal-free Chlorothiolation of Alkenes using HCl and Sulfoxides. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 4705-4708	3.2	6
122	Mild Base Promoted Nucleophilic Substitution of Unactivated sp^3 -Carbon Electrophiles with Alkenylboronic Acids. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 3667-3671	5.6	11
121	Hydrogen-Bonding-Assisted Brønsted Acid and Gold Catalysis: Access to Both α - and β -1,2-Haloalkenes via Hydrochlorination of Haloalkynes. <i>ACS Catalysis</i> , 2018 , 8, 904-909	13.1	39

120	Hydrogen bonding network assisted regio- and stereo- controlled hydrohalogenations of sulfonyl alkynes. <i>Tetrahedron Letters</i> , 2018 , 59, 3950-3954	2	5
119	Synthesis of β -amino ketones through aminations of umpoled enolates. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 6918-6922	3.9	15
118	Manganese-Catalyzed C-H Amidation of Heteroarenes in Water. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 2801-2805	5.6	16
117	(E)-Alkene Synthesis via Nano-Copper/Homogeneous Palladium Co-Catalysis and Selectivity Amplification. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 507-511	3	4
116	Encapsulation of nano-catalysts in permeable silicone elastomers. <i>Tetrahedron Letters</i> , 2017 , 58, 2542-2546	5.4	7
115	Cellulose Sponge Supported Palladium Nanoparticles as Recyclable Cross-Coupling Catalysts. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 17155-17162	9.5	99
114	High-Throughput Synthetic Chemistry Enabled by Organic Solvent Disintegrating Tablet. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 190-193	4.5	3
113	Predicting Counterion Effects Using a Gold Affinity Index and a Hydrogen Bonding Basicity Index. <i>Organic Letters</i> , 2017 , 19, 5848-5851	6.2	50
112	Hydrogen Bonding: Regulator for Nucleophilic Fluorination. <i>Chemistry - A European Journal</i> , 2017 , 23, 17850-17861	4.8	46
111	Gold-catalyzed Fluorination of Alkynyl Esters and Ketones: Efficient Access to Fluorinated 1,3-Dicarbonyl Compounds. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 4062-4066	5.6	12
110	Chloride-Tolerant Gold(I)-Catalyzed Regioselective Hydrochlorination of Alkynes. <i>ACS Catalysis</i> , 2017 , 7, 6798-6801	13.1	32
109	Divergent Regio- and Stereoselective Gold-catalyzed Synthesis of β -Fluorosulfones and β -Fluorovinylsulfones from Alkynylsulfones. <i>Chemistry - A European Journal</i> , 2017 , 23, 11977-11981	4.8	29
108	HBr-DMPU: The First Aprotic Organic Solution of Hydrogen Bromide. <i>Chemistry - A European Journal</i> , 2017 , 23, 12739-12743	4.8	12
107	A Chlorinating Reagent Yields Vinyl Chlorides with High Regioselectivity under Heterogeneous Gold Catalysis. <i>Organic Letters</i> , 2017 , 19, 4524-4527	6.2	17
106	Bromofluorination of Unsaturated Compounds using DMPU/HF as a Fluorinating Reagent. <i>Journal of Fluorine Chemistry</i> , 2017 , 203, 136-139	2.1	3
105	Widely Applicable Hydrofluorination of Alkenes via Bifunctional Activation of Hydrogen Fluoride. <i>Journal of the American Chemical Society</i> , 2017 , 139, 18202-18205	16.4	37
104	Metal-free, Regio-, and Stereo-Controlled Hydrochlorination and Hydrobromination of Ynones and Ynamides. <i>Journal of Organic Chemistry</i> , 2017 , 82, 13179-13187	4.2	30
103	Frontispiece: Hydrogen Bonding: Regulator for Nucleophilic Fluorination. <i>Chemistry - A European Journal</i> , 2017 , 23,	4.8	1

102	Temperature-Dependent Sellmeier Equations of IR Nonlinear Optical Crystal BaGa4Se7. <i>Crystals</i> , 2017 , 7, 62	2.3	13
101	Hydrogen Bonding Cluster-Enabled Addition of Sulfonic Acids to Haloalkynes: Access to Both (E)- and (Z)-Alkenyl Sulfonates. <i>Organic Letters</i> , 2016 , 18, 4770-4773	6.2	49
100	Commercial Supported Gold Nanoparticles Catalyzed Alkyne Hydroamination and Indole Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 3313-3318	5.6	28
99	Acidic Co-Catalysts in Cationic Gold Catalysis. <i>Chemistry - A European Journal</i> , 2016 , 22, 16410-16414	4.8	20
98	CuI-catalyzed regioselective borylation of alkynes and alkenes. <i>Tetrahedron Letters</i> , 2016 , 57, 3706-3710		15
97	Synthesis of α -Fluoroketones by Insertion of HF into a Gold Carbene. <i>Angewandte Chemie</i> , 2016 , 128, 10186-10190	3.6	9
96	Synthesis of α -Fluoroketones by Insertion of HF into a Gold Carbene. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10032-6	16.4	43
95	Chemical engineering of mixed halide hexaborates as nonlinear optical materials. <i>RSC Advances</i> , 2016 , 6, 107810-107815	3.7	5
94	Achieving regio- and stereo-control in the fluorination of aziridines under acidic conditions. <i>Chemical Communications</i> , 2016 , 52, 13353-13356	5.8	31
93	Quantification of hydrogen fluoride-based reagents using a bifunctional NMR internal standard. <i>Journal of Fluorine Chemistry</i> , 2016 , 184, 72-74	2.1	2
92	Au/TiO ₂ catalyzed reductive amination of aldehydes and ketones using formic acid as reductant. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 505-509	5.2	34
91	Synthesis of Fluorinated Homoallylic Compounds by Fluoroalkyl Radical Mediated Ring Opening of Methylene cyclopropanes. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 2594-2598	3.2	9
90	Ligand Effects in the Gold Catalyzed Hydration of Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 1478-1481	5.6	53
89	Crystal growth, structure and optical properties of a new acentric crystal La ₂ Al ₄ .68B ₈ O ₂₂ with a short UV absorption edge. <i>New Journal of Chemistry</i> , 2016 , 40, 4870-4873	3.6	3
88	Supported gold nanoparticles catalyzed cis-selective semihydrogenation of alkynes using ammonium formate as the reductant. <i>Chemical Communications</i> , 2016 , 52, 6013-6	5.8	29
87	Simultaneous rapid reaction workup and catalyst recovery. <i>Green Chemistry</i> , 2016 , 18, 5769-5772	10	1
86	Stable yet reactive cationic gold catalysts with carbon based counterions. <i>RSC Advances</i> , 2016 , 6, 77830-77833	3.7	8
85	Potassium tris(triflyl)methide (KCTf ₃): a broadly applicable promoter for cationic metal catalysis. <i>Chemical Communications</i> , 2015 , 51, 13740-3	5.8	7

84	Synthesis, Crystal Structures, and Luminescent Properties of Two Complexes based on 5-tert-Butylisophthalic Acid and 1, 2-Bis(4-pyridyl) Ethane. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 1311-1315	1.3	5
83	Preparation of Fluorinated Tetrahydropyrans and Piperidines using a New Nucleophilic Fluorination Reagent DMPU/HF. <i>Organic Letters</i> , 2015 , 17, 3975-7	6.2	30
82	Revisiting the Influence of Silver in Cationic Gold Catalysis: A Practical Guide. <i>Organic Letters</i> , 2015 , 17, 4534-7	6.2	64
81	Supported gold nanoparticle-catalyzed hydration of alkynes under basic conditions. <i>Organic Letters</i> , 2015 , 17, 162-5	6.2	57
80	Efficient hydration of alkynes through acid-assisted Brønsted acid catalysis. <i>Chemical Communications</i> , 2015 , 51, 903-6	5.8	58
79	Role of Hydrogen-Bonding Acceptors in Organo-Enamine Catalysis. <i>Chemistry - A European Journal</i> , 2015 , 21, 11687-91	4.8	14
78	Generation of high power 200 mW laser radiation at 177.3 nm in KBe ₂ BO ₃ F ₂ crystal. <i>Applied Physics B: Lasers and Optics</i> , 2015 , 121, 489-494	1.9	24
77	Ligand design in gold catalysis and chemistry of gold-oxonium intermediates. <i>Topics in Current Chemistry</i> , 2015 , 357, 1-23		5
76	A highly efficient and broadly applicable cationic gold catalyst. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4456-9	16.4	73
75	A novel small molecule that induces oxidative stress and selectively kills malignant cells. <i>Free Radical Biology and Medicine</i> , 2014 , 68, 110-21	7.8	5
74	Enhanced reactivity in homogeneous gold catalysis through hydrogen bonding. <i>Organic Letters</i> , 2014 , 16, 636-9	6.2	49
73	Gold catalyzed synthesis of fluorinated tetrahydrofurans and lactones. <i>Journal of Fluorine Chemistry</i> , 2014 , 167, 179-183	2.1	7
72	Synthesis of Pyrrolidines and Pyrroles via Tandem Amination/Cyanation/Alkylation and Amination/Oxidation Sequences. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 5786-5792	3.2	6
71	Designer HF-based fluorination reagent: highly regioselective synthesis of fluoroalkenes and gem-difluoromethylene compounds from alkynes. <i>Journal of the American Chemical Society</i> , 2014 , 136, 14381-4	16.4	131
70	Rapid chemical reaction workup based on a rigid solvent extraction. <i>Organic Letters</i> , 2014 , 16, 5238-41	6.2	4
69	Cationic gold catalyst poisoning and reactivation. <i>Organic Letters</i> , 2014 , 16, 3452-5	6.2	76
68	Efficient generation and increased reactivity in cationic gold via Brønsted acid or Lewis acid assisted activation of an imidogold precatalyst. <i>Organic Letters</i> , 2014 , 16, 3500-3	6.2	39
67	Structures and Properties of Coordination Polymers based on 5-Nitroisophthalic Acid and N,N'-bis(4-pyridyl-methyl) Piperazine. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 2503-2507	1.3	3

- 66 Alkyne/alkene/allene-induced disproportionation of cationic gold(I) catalyst. *Chemistry - A European Journal*, **2014**, 20, 3113-9 4.8 53
- 65 A Highly Efficient and Broadly Applicable Cationic Gold Catalyst. *Angewandte Chemie*, **2014**, 126, 4545-4548 4.8 18
- 64 Gold-catalyzed addition of N-hydroxy heterocycles to alkynes and subsequent 3,3-sigmatropic rearrangement. *Organic Letters*, **2013**, 15, 724-7 6.2 27
- 63 Collision-induced dissociation and infrared photodissociation studies of methane adsorption on V5O12(+) and V5O13(+) clusters. *Journal of Physical Chemistry A*, **2013**, 117, 2961-70 2.8 15
- 62 Synthesis of Cyclic β -Aminophosphonates through Copper Catalyzed Enamine Activation. *Synthesis*, **2013**, 45, 463-470 2.9 8
- 61 Ligand effects and ligand design in homogeneous gold(I) catalysis. *Journal of the American Chemical Society*, **2012**, 134, 5697-705 16.4 267
- 60 Replacement of BF₄⁻ by PF₆⁻ makes Selectfluor greener. *Journal of Fluorine Chemistry*, **2012**, 143, 226-230 2.1 9
- 59 Pore-size tuning in double-pillared metal-organic frameworks containing cadmium clusters. *CrystEngComm*, **2011**, 13, 3321 3.3 47
- 58 Experimental and theoretical study of hydrogen atom abstraction from n-butane by lanthanum oxide cluster anions. *Journal of Physical Chemistry A*, **2011**, 115, 10245-50 2.8 30
- 57 Construction of cyclic enones via gold-catalyzed oxygen transfer reactions. *Beilstein Journal of Organic Chemistry*, **2011**, 7, 606-14 2.5 31
- 56 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 2.1 11
- 55 A unique 2D-3D polycatenation cobalt(II)-based molecule magnet showing coexistence of paramagnetism and canted antiferromagnetism. *Chemical Communications*, **2011**, 47, 3766-8 5.8 60
- 54 From 2D-3D inclined polycatenation to 2D-3D parallel polycatenation: a central metal cationic induce strategy. *CrystEngComm*, **2011**, 13, 440-443 3.3 57
- 53 Synthesis of β CN and β CF₃ N-heterocycles through tandem nucleophilic additions. *Organic Letters*, **2011**, 13, 3450-3 6.2 48
- 52 Synthetic evolutions in the nucleophilic addition to alkynes. *Journal of Organometallic Chemistry*, **2011**, 696, 269-276 2.3 21
- 51 Copper mediated oxidation of amides to imides by Selectfluor. *Tetrahedron Letters*, **2011**, 52, 1956-1959 2.1 35
- 50 Synthesis of Fluorohydrins through Electrophilic Fluorination of Allyl Silanes. *Synthesis*, **2011**, 2011, 2383-2386 2.1 3
- 49 From Vinylogation to Alkynylogation: Extending the Reactivity of Enolates. *Synlett*, **2010**, 2010, 1442-1454 4.4 18

48	Highly efficient Cu(I)-catalyzed synthesis of N-heterocycles through a cyclization-triggered addition of alkynes. <i>Journal of the American Chemical Society</i> , 2010 , 132, 916-7	16.4	72
47	Coordination polymers of 1,4-piperazinedipropionic acid: domination by flexibility, coordination, and/or configuration?. <i>CrystEngComm</i> , 2010 , 12, 3780	3.3	8
46	A Series of Lanthanide Metal-Organic Frameworks Based on Biphenyl-3,4,5-tricarboxylate: Syntheses, Structures, Luminescence and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 3842-3849	2.3	83
45	Green Synthesis of Vicinal Dithioethers and Alkenyl Thioethers from the Reaction of Alkynes and Thiols in Water. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 168-173	3.2	19
44	Fluorine-Enabled Cationic Gold Catalysis: Functionalized Hydration of Alkynes. <i>Angewandte Chemie</i> , 2010 , 122, 7405-7410	3.6	45
43	Fluorine-enabled cationic gold catalysis: functionalized hydration of alkynes. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7247-52	16.4	130
42	C ⁺ Activation of hydrofluorocarbons (HFCs) mediated by aluminum reagents. <i>Tetrahedron Letters</i> , 2009 , 50, 4078-4080	2	20
41	TBAF-mediated aldol reaction of beta-allenoates: regio- and stereoselective synthesis of (2E,4E)-4-carbinol alkadienoates. <i>Journal of Organic Chemistry</i> , 2009 , 74, 4623-5	4.2	23
40	Efficient synthesis of gamma-keto esters through neighboring carbonyl group-assisted regioselective hydration of 3-alkynoates. <i>Journal of Organic Chemistry</i> , 2009 , 74, 1640-3	4.2	85
39	Synthesis of functionalized alpha,alpha-disubstituted beta-alkynyl esters from allenoates through an alkynyl enolate intermediate. <i>Organic Letters</i> , 2008 , 10, 3713-6	6.2	51
38	Synthesis and structural characterization of stable organogold(I) compounds. Evidence for the mechanism of gold-catalyzed cyclizations. <i>Journal of the American Chemical Society</i> , 2008 , 130, 17642-3	16.4	261
37	Michael addition of allenoates to electron-deficient olefins: facile synthesis of 2-alkynyl-substituted glutaric acid derivatives. <i>Organic Letters</i> , 2008 , 10, 3887-90	6.2	34
36	Highly regioselective fluorination and iodination of alkynyl enolates. <i>Organic Letters</i> , 2008 , 10, 5589-91	6.2	29
35	On the nature of organoindium intermediates: the formation of readily isolable difluoropropargylindium reagents and their regioselectivity towards electrophilic substitutions. <i>Chemistry - A European Journal</i> , 2008 , 14, 10029-35	4.8	21
34	Thermodynamically favored aldol reaction of propargyl or allenyl esters: regioselective synthesis of carbinol allenoates. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 689-92	16.4	78
33	Thermodynamically Favored Aldol Reaction of Propargyl or Allenyl Esters: Regioselective Synthesis of Carbinol Allenoates. <i>Angewandte Chemie</i> , 2008 , 120, 701-704	3.6	29
32	Crystallographic characterization of difluoropropargyl indium bromide, a reactive fluoroorganometallic reagent. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7265-7	16.4	30
31	Crystallographic Characterization of Difluoropropargyl Indium Bromide, a Reactive Fluoroorganometallic Reagent. <i>Angewandte Chemie</i> , 2006 , 118, 7423-7425	3.6	7

30	An Efficient Synthesis of Difluoropropargyl Bromides. <i>Synthesis</i> , 2006 , 2006, 803-806	2.9	9
29	A new convenient synthesis of propargylic fluorohydrins and 2,5-disubstituted furans from fluoropropargyl chloride. <i>Journal of Organic Chemistry</i> , 2006 , 71, 3518-21	4.2	23
28	Large scale synthesis of the Cdc42 inhibitor secramine A and its inhibition of cell spreading. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 4149-57	3.9	23
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14	A novel ring-opening reaction of methylenecyclopropanes with aromatic amines catalyzed by Lewis acids. <i>Tetrahedron Letters</i> , 2002 , 43, 8019-8024	2	35
13	Lewis acid-catalyzed ring-opening reactions of methylenecyclopropanes with alcoholic or acidic nucleophiles. <i>Organic Letters</i> , 2002 , 4, 2145-8	6.2	72

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1	Divergent Synthesis of Sulfonyl Quinolines, Formyl Indoles, and Quinolones from Ethynyl Benzoxazinanes via Au Catalysis, Au-Ar Co-Catalysis, and Silver Catalysis. <i>ACS Catalysis</i> , 2013 , 3, 7134-7141	13.1	0