

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1773970/bo-xu-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Ligand effects and ligand design in homogeneous gold(I) catalysis. <i>Journal of the American Chemical Society</i> , 2012 , 134, 5697-705	16.4	267
172	Alkane-Assisted Adsorption and Assembly of Phthalocyanines and Porphyrins. <i>Journal of the American Chemical Society</i> , 2000 , 122, 5550-5556	16.4	267
171	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
170	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
169	Fluorine-enabled cationic gold catalysis: functionalized hydration of alkynes. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7247-52	16.4	130
168	Cellulose Sponge Supported Palladium Nanoparticles as Recyclable Cross-Coupling Catalysts. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 17155-17162	9.5	99
167	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
166	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
165	Theoretical study of the effects of intermolecular interactions in self-assembled long-chain alkanes adsorbed on graphite surface. <i>Surface and Interface Analysis</i> , 2001 , 32, 248-252	1.5	82
164	Lewis acid-mediated cycloaddition of methylenecyclopropanes with aldehydes and imines: a facile access to indene, THF, and pyrrolidine skeletons via homoallylic rearrangement protocol. <i>Organic Letters</i> , 2004 , 6, 1175-8	6.2	80
163	Thermodynamically favored aldol reaction of propargyl or allenyl esters: regioselective synthesis of carbinol allenates. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 689-92	16.4	78
162	Cationic gold catalyst poisoning and reactivation. <i>Organic Letters</i> , 2014 , 16, 3452-5	6.2	76
161	A highly efficient and broadly applicable cationic gold catalyst. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4456-9	16.4	73
160	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
159	Lewis acid-catalyzed ring-opening reactions of methylenecyclopropanes with alcoholic or acidic nucleophiles. <i>Organic Letters</i> , 2002 , 4, 2145-8	6.2	72
158	Revisiting the Influence of Silver in Cationic Gold Catalysis: A Practical Guide. <i>Organic Letters</i> , 2015 , 17, 4534-7	6.2	64
157	Self-Assembly and Immobilization of Metallophthalocyanines by Alkyl Substituents Observed with Scanning Tunneling Microscopy. <i>Journal of Physical Chemistry B</i> , 2000 , 104, 3570-3574	3.4	64

156	A unique 2D- α D polycatenation cobalt(II)-based molecule magnet showing coexistence of paramagnetism and canted antiferromagnetism. <i>Chemical Communications</i> , 2011 , 47, 3766-8	5.8	60
155	The Lewis acids catalyzed aza-Diels-Alder reaction of methylenecyclopropanes with imines. <i>Organic Letters</i> , 2003 , 5, 579-82	6.2	59
154	Efficient hydration of alkynes through acid-assisted Brønsted acid catalysis. <i>Chemical Communications</i> , 2015 , 51, 903-6	5.8	58
153	Supported gold nanoparticle-catalyzed hydration of alkynes under basic conditions. <i>Organic Letters</i> , 2015 , 17, 162-5	6.2	57
152	From 2D- α D inclined polycatenation to 2D- α D parallel polycatenation: a central metal cationic induce strategy. <i>CrystEngComm</i> , 2011 , 13, 440-443	3.3	57
151	Synthesis of the indene, THF, and pyrrolidine skeletons by Lewis acid mediated cycloaddition of methylenecyclopropanes with aldehydes, N-tosyl aldimines, and acetals. <i>Chemistry - A European Journal</i> , 2005 , 12, 510-7	4.8	54
150	Alkyne/alkene/allene-induced disproportionation of cationic gold(I) catalyst. <i>Chemistry - A European Journal</i> , 2014 , 20, 3113-9	4.8	53
149	Ligand Effects in the Gold Catalyzed Hydration of Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 1478-1481	5.6	53
148	Electrochemical synthesis of enaminones via a decarboxylative coupling reaction. <i>Green Chemistry</i> , 2019 , 21, 3796-3801	10	51
147	Synthesis of functionalized alpha, alpha-disubstituted beta-alkynyl esters from allenates through an alkynyl enolate intermediate. <i>Organic Letters</i> , 2008 , 10, 3713-6	6.2	51
146	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
145	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
144	Enhanced reactivity in homogeneous gold catalysis through hydrogen bonding. <i>Organic Letters</i> , 2014 , 16, 636-9	6.2	49
143	Synthesis of β CN and β CF ₃ N-heterocycles through tandem nucleophilic additions. <i>Organic Letters</i> , 2011 , 13, 3450-3	6.2	48
142	Improving Homogeneous Cationic Gold Catalysis through a Mechanism-Based Approach. <i>Accounts of Chemical Research</i> , 2019 , 52, 1275-1288	24.3	47
141	Pore-size tuning in double-pillared metal-organic frameworks containing cadmium clusters. <i>CrystEngComm</i> , 2011 , 13, 3321	3.3	47
140	Hydrogen Bonding: Regulator for Nucleophilic Fluorination. <i>Chemistry - A European Journal</i> , 2017 , 23, 17850-17861	4.8	46
139	Fluorine-Enabled Cationic Gold Catalysis: Functionalized Hydration of Alkynes. <i>Angewandte Chemie</i> , 2010 , 122, 7405-7410	3.6	45

138	Stabilization Effect of Alkane Buffer Layer on Formation of Nanometer-Sized Metal Phthalocyanine Domains. <i>Journal of Physical Chemistry B</i> , 2000 , 104, 10502-10505	3.4	45
137	(Radio)fluoroclick Reaction Enabled by a Hydrogen-Bonding Cluster. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 2924-2928	16.4	44
136	Chain-length-adjusted assembly of substituted porphyrins on graphite. <i>Surface and Interface Analysis</i> , 2001 , 32, 266-270	1.5	44
135	Synthesis of β -fluoroketones by Insertion of HF into a Gold Carbene. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10032-6	16.4	43
134	Ring-opening reactions of methylenecyclopropanes promoted by metal halides. <i>Organic Letters</i> , 2003 , 5, 1415-8	6.2	43
133	Optimization of Catalysts and Conditions in Gold(I) Catalysis-Counterion and Additive Effects. <i>Chemical Reviews</i> , 2021 , 121, 8452-8477	68.1	40
132	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
131	Hydrogen-Bonding-Assisted Brønsted Acid and Gold Catalysis: Access to Both (E)- and (Z)-1,2-Haloalkenes via Hydrochlorination of Haloalkynes. <i>ACS Catalysis</i> , 2018 , 8, 904-909	13.1	39
130	Difluoroallenyl bromide as a wide-ranging difluoromethylene cation equivalent: SN2 substitution of difluoropropargyl bromide through sequential SE2' and SN2' reactions. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7404-7	16.4	38
129	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
128	Highly regioselective synthesis of gem-difluoroallenes through magnesium organocuprate SN2' substitution. <i>Organic Letters</i> , 2006 , 8, 479-82	6.2	36
127	Copper mediated oxidation of amides to imides by Selectfluor. <i>Tetrahedron Letters</i> , 2011 , 52, 1956-1959		35
126	A novel ring-opening reaction of methylenecyclopropanes with aromatic amines catalyzed by Lewis acids. <i>Tetrahedron Letters</i> , 2002 , 43, 8019-8024	2	35
125	Au/TiO2 catalyzed reductive amination of aldehydes and ketones using formic acid as reductant. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 505-509	5.2	34
124	Michael addition of allenates to electron-deficient olefins: facile synthesis of 2-alkynyl-substituted glutaric acid derivatives. <i>Organic Letters</i> , 2008 , 10, 3887-90	6.2	34
123	Lewis acid-catalyzed novel [3+2] cycloaddition of methylenecyclopropanes with activated aldehydes or ketones. <i>Tetrahedron Letters</i> , 2003 , 44, 3839-3842	2	33
122	Pd(II)- and Pd(0)-cocatalyzed reactions of sulfonamides with MCPs. <i>Organic Letters</i> , 2003 , 5, 1225-8	6.2	33
121	Chloride-Tolerant Gold(I)-Catalyzed Regioselective Hydrochlorination of Alkynes. <i>ACS Catalysis</i> , 2017 , 7, 6798-6801	13.1	32

120	Achieving regio- and stereo-control in the fluorination of aziridines under acidic conditions. <i>Chemical Communications</i> , 2016 , 52, 13353-13356	5.8	31
119	Construction of cyclic enones via gold-catalyzed oxygen transfer reactions. <i>Beilstein Journal of Organic Chemistry</i> , 2011 , 7, 606-14	2.5	31
118	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
117	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
116	Experimental and theoretical study of hydrogen atom abstraction from n-butane by lanthanum oxide cluster anions. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 10245-50	2.8	30
115	Crystallographic characterization of difluoropropargyl indium bromide, a reactive fluoroorganometallic reagent. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7265-7	16.4	30
114	The reactions of thiols and diphenyldisulfide with terminally substituted methylenecyclopropanes. <i>Tetrahedron Letters</i> , 2002 , 43, 2781-2784	2	30
113	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
112	Highly regioselective fluorination and iodination of alkynyl enolates. <i>Organic Letters</i> , 2008 , 10, 5589-91	6.2	29
111	Thermodynamically Favored Aldol Reaction of Propargyl or Allenyl Esters: Regioselective Synthesis of Carbinol Allenates. <i>Angewandte Chemie</i> , 2008 , 120, 701-704	3.6	29
110	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
109	Commercial Supported Gold Nanoparticles Catalyzed Alkyne Hydroamination and Indole Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 3313-3318	5.6	28
108	Identification of hydrogen bond characterizations of isomeric 4Bpy and 2Bpy by STM. <i>Surface and Interface Analysis</i> , 2001 , 32, 245-247	1.5	28
107	Homogeneous and Nanoparticle Gold-Catalyzed Hydrothiocyanation of Haloalkynes. <i>Organic Letters</i> , 2019 , 21, 2772-2776	6.2	27
106	Gold-catalyzed addition of N-hydroxy heterocycles to alkynes and subsequent 3,3-sigmatropic rearrangement. <i>Organic Letters</i> , 2013 , 15, 724-7	6.2	27
105	Copper-loaded nanocellulose sponge as a sustainable catalyst for regioselective hydroboration of alkynes. <i>Carbohydrate Polymers</i> , 2018 , 191, 17-24	10.3	24
104	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
103	TBAF-mediated aldol reaction of beta-allenates: regio- and stereoselective synthesis of (2E,4E)-4-carbinol alkadienoates. <i>Journal of Organic Chemistry</i> , 2009 , 74, 4623-5	4.2	23

102	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
101	Large scale synthesis of the Cdc42 inhibitor securamine A and its inhibition of cell spreading. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 4149-57	3.9	23
100	Synthesis of Alkyl Halides from Aldehydes via Deformylative Halogenation. <i>Organic Letters</i> , 2019 , 21, 3848-3854	6.2	21
99	Manganese-Catalyzed ortho-C-H Amidation of Weakly Coordinating Aromatic Ketones. <i>Organic Letters</i> , 2018 , 20, 4495-4498	6.2	21
98	Synthetic evolutions in the nucleophilic addition to alkynes. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 269-276	2.3	21
97	On the nature of organoindium intermediates: the formation of readily isolable difluoropropargylium reagents and their regioselectivity towards electrophilic substitutions. <i>Chemistry - A European Journal</i> , 2008 , 14, 10029-35	4.8	21
96	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
95	Acidic Co-Catalysts in Cationic Gold Catalysis. <i>Chemistry - A European Journal</i> , 2016 , 22, 16410-16414	4.8	20
94	CE Activation of hydrofluorocarbons (HFCs) mediated by aluminum reagents. <i>Tetrahedron Letters</i> , 2009 , 50, 4078-4080	2	20
93	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
92	A Highly Efficient and Broadly Applicable Cationic Gold Catalyst. <i>Angewandte Chemie</i> , 2014 , 126, 4545-4548	4.8	18
91	From Vinylogation to Alkynylogation: Extending the Reactivity of Enolates. <i>Synlett</i> , 2010 , 2010, 1442-1454	4.4	18
90	VO(acac) ₂ -catalyzed oxidative coupling reactions of phosphonium salts. <i>Journal of Organic Chemistry</i> , 2002 , 67, 294-7	4.2	18
89	A Chlorinating Reagent Yields Vinyl Chlorides with High Regioselectivity under Heterogeneous Gold Catalysis. <i>Organic Letters</i> , 2017 , 19, 4524-4527	6.2	17
88	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
87	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
86	Heptadecafluorooctanesulfonic acid catalyzed ring opening reactions of methylenecyclopropanes with aromatic amines, sulfonamides and alcohols in supercritical carbon dioxide. <i>Green Chemistry</i> , 2003 , 5, 85-88	10	16
85	The self-assembly of [60]fullerene-substituted 2,2'-bipyridine on the surface of Au(111) and Au nanoparticles. <i>New Journal of Chemistry</i> , 2001 , 25, 1191-1194	3.6	16

84	Manganese-Catalyzed C _H Amidation of Heteroarenes in Water. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 2801-2805	5.6	16
83	CuI-catalyzed regioselective borylation of alkynes and alkenes. <i>Tetrahedron Letters</i> , 2016 , 57, 3706-3710		15
82	Collision-induced dissociation and infrared photodissociation studies of methane adsorption on V5O12(+) and V5O13(+) clusters. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 2961-70	2.8	15
81	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
80	Synthesis of β -amino ketones through aminations of umpoled enolates. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 6918-6922	3.9	15
79	Visible-light-driven cyanoalkylation of quinoxalinones using cyclobutanone oxime esters as the radical precursors. <i>Tetrahedron Letters</i> , 2019 , 60, 2063-2066	2	14
78	Metal-Free and User-Friendly Regioselective Hydroxyfluorination of Olefins. <i>Organic Letters</i> , 2018 , 20, 2338-2341	6.2	14
77	Role of Hydrogen-Bonding Acceptors in Organo-Enamine Catalysis. <i>Chemistry - A European Journal</i> , 2015 , 21, 11687-91	4.8	14
76	Temperature-Dependent Sellmeier Equations of IR Nonlinear Optical Crystal BaGa4Se7. <i>Crystals</i> , 2017 , 7, 62	2.3	13
75	Difluoroallenyl Bromide as a Wide-Ranging Difluoromethylene Cation Equivalent: SN2 Substitution of Difluoropropargyl Bromide through Sequential SE2? and SN2? Reactions. <i>Angewandte Chemie</i> , 2005 , 117, 7570-7573	3.6	13
74	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
73	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
72	HBr-DMPU: The First Aprotic Organic Solution of Hydrogen Bromide. <i>Chemistry - A European Journal</i> , 2017 , 23, 12739-12743	4.8	12
71	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
70	Base-Promoted Radical Azofluoromethylation of Unactivated Alkenes. <i>Organic Letters</i> , 2020 , 22, 4383-4388	4.8	11
69	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
68	Library-friendly synthesis of fluorinated ketones through functionalized hydration of alkynes and investigation of the reaction mechanism. <i>Journal of Fluorine Chemistry</i> , 2011 , 132, 804-810	2.1	11
67	Manganese-Catalyzed Oxime-Directed ortho-C _H Amidation in Ionic Liquids. <i>Asian Journal of Organic Chemistry</i> , 2019 , 8, 1862-1865	3	9

66	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
65	(Radio)fluoroclick Reaction Enabled by a Hydrogen-Bonding Cluster. <i>Angewandte Chemie</i> , 2018 , 130, 2974-2978	3.6	9
64	Synthesis of β -Fluoroketones by Insertion of HF into a Gold Carbene. <i>Angewandte Chemie</i> , 2016 , 128, 10186-10190	3.6	9
63	Replacement of BF_4^- by PF_6^- makes Selectfluor greener. <i>Journal of Fluorine Chemistry</i> , 2012 , 143, 226-230	2.1	9
62	An Efficient Synthesis of Difluoropropargyl Bromides. <i>Synthesis</i> , 2006 , 2006, 803-806	2.9	9
61	Synthesis of a stable indium complex derived from β -silyl- β -difluorobromopropyne: evaluation of experimental parameters. <i>Journal of Fluorine Chemistry</i> , 2004 , 125, 641-645	2.1	9
60	Synthesis of Fluorinated Homoallylic Compounds by Fluoroalkyl Radical Mediated Ring Opening of Methylenecyclopropanes. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 2594-2598	3.2	9
59	Multifaceted Ion Exchange Resin-Supported Hydrogen Fluoride: A Path to Flow Hydrofluorination. <i>Green Chemistry</i> , 2019 , 21, 2224-2228	10	8
58	HCl/DMPU-Assisted One-pot and Metal-free Conversion of Aldehydes to Nitriles. <i>Green Chemistry</i> , 2020 , 22, 4161-4164	10	8
57	Metal-free Regioselective Hydrochlorination of Unactivated Alkenes a Combined Acid Catalytic System. <i>Green Chemistry</i> , 2018 , 20, 680-684	10	8
56	Synthesis of Cyclic β -Aminophosphonates through Copper Catalyzed Enamine Activation. <i>Synthesis</i> , 2013 , 45, 463-470	2.9	8
55	Coordination polymers of 1,4-piperazinedipropionic acid: domination by flexibility, coordination, and/or configuration?. <i>CrystEngComm</i> , 2010 , 12, 3780	3.3	8
54	Stable yet reactive cationic gold catalysts with carbon based counterions. <i>RSC Advances</i> , 2016 , 6, 77830-77833	3.7	8
53	Encapsulation of nano-catalysts in permeable silicone elastomers. <i>Tetrahedron Letters</i> , 2017 , 58, 2542-2546	2.5	7
52	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
51	Synthesis of β -Enamides through Heterogeneous Gold-Catalyzed Stereoselective Hydrogenation of γ -Namides. <i>Journal of Organic Chemistry</i> , 2019 , 84, 11240-11246	4.2	7
50	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
49	Gold catalyzed synthesis of fluorinated tetrahydrofurans and lactones. <i>Journal of Fluorine Chemistry</i> , 2014 , 167, 179-183	2.1	7

48	Crystallographic Characterization of Difluoropropargyl Indium Bromide, a Reactive Fluoroorganometallic Reagent. <i>Angewandte Chemie</i> , 2006 , 118, 7423-7425	3.6	7
47	Visualization of the intermediates in a uniform DNA condensation system by tapping mode atomic force microscopy. <i>Surface and Interface Analysis</i> , 2001 , 32, 15-19	1.5	7
46	Rhodium-catalyzed regioselective C(sp ²)–H bond activation reactions of N-(hetero)aryl-7-azaindoles and cross-coupling with α -carbonyl sulfoxonium ylides. <i>Tetrahedron Letters</i> , 2020 , 61, 151627	2	7
45	Practical fluorothiolation and difluorothiolation of alkenes using pyridine-HF and N-thiosuccinimides. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 119-125	5.2	7
44	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
43	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
42	Metal-free Chlorothiolation of Alkenes using HCl and Sulfoxides. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 4705-4708	3.2	6
41	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
40	Electrochemical quartz crystal microbalance study of the electrochemical behavior of riboflavin at gold electrodes. <i>Electroanalysis</i> , 1997 , 9, 1422-1425	3	6
39	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
38	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
37	Chemical engineering of mixed halide hexaborates as nonlinear optical materials. <i>RSC Advances</i> , 2016 , 6, 107810-107815	3.7	5
36	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
35	Ligand design in gold catalysis and chemistry of gold-oxonium intermediates. <i>Topics in Current Chemistry</i> , 2015 , 357, 1-23		5
34	Reactions of Cyclopropyl Aryl Ketones with Sulfonamides Mediated by Zr(OTf) ₄ : Cascade Preparation of 5-Aryl-3,4-dihydro-2H-pyrrole. <i>Synlett</i> , 2004 , 2004, 1622-1624	2.2	5
33	Solventless and Metal-free Regioselective Hydrofluorination of Functionalized Alkynes and Allenes: An Efficient Protocol for the Synthesis of -Difluorides. <i>Green Chemistry</i> , 2019 , 21, 1467-1471	10	5
32	Base promoted gem-difluoroolefination of alkyl triflates. <i>Chemical Communications</i> , 2021 , 57, 4831-4834	3.8	5
31	Hydrogen bonding network assisted regio- and stereo- controlled hydrohalogenations of sulfonyl alkynes. <i>Tetrahedron Letters</i> , 2018 , 59, 3950-3954	2	5

30	(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
29	Rapid chemical reaction workup based on a rigid solvent extraction. <i>Organic Letters</i> , 2014 , 16, 5238-41	6.2	4
28	Aromatic Ketone-Catalyzed Photochemical Synthesis of Imidazo-isoquinolinone Derivatives. <i>Journal of Organic Chemistry</i> , 2021 , 86, 12851-12861	4.2	4
27	High-Throughput Synthetic Chemistry Enabled by Organic Solvent Disintegrating Tablet. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 190-193	4.5	3
26	Regio- and stereoselective halothiolation of alkynes using lithium halides and N-thiosuccinimides. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 1690-1695	5.2	3
25	Rh(III)-Catalyzed C _H Acylmethylation of 6-Arylpurines Using Sulfoxonium Ylides as Carbene Precursors. <i>ChemistrySelect</i> , 2020 , 5, 2465-2468	1.8	3
24	Faster and Greener Chemical Reaction Workup Using Silicone Elastomer-Coated Glass Powders. <i>ACS Omega</i> , 2018 , 3, 6748-6756	3.9	3
23	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
22	Bromofluorination of Unsaturated Compounds using DMPU/HF as a Fluorinating Reagent. <i>Journal of Fluorine Chemistry</i> , 2017 , 203, 136-139	2.1	3
21	Synthesis of Fluorohydrins through Electrophilic Fluorination of Allyl Silanes. <i>Synthesis</i> , 2011 , 2011, 2383-2386	2.3	3
20	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
19	Crystal growth, structure and optical properties of a new acentric crystal La ₂ Al _{4.68} B ₈ O ₂₂ with a short UV absorption edge. <i>New Journal of Chemistry</i> , 2016 , 40, 4870-4873	3.6	3
18	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
17	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
16	Visualization of reconstituted solenoid chromatin structure by tapping mode atomic force microscopy. <i>Surface and Interface Analysis</i> , 2001 , 32, 20-26	1.5	2
15	Cobalt-Catalyzed Aerobic Oxidative Cleavage of Alkyl Aldehydes: Synthesis of Ketones, Esters, Amides, and Ketoamides. <i>Chemistry - A European Journal</i> , 2021 , 27, 9737-9741	4.8	2
14	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
13	Chemo-, regio- and stereoselective synthesis of monofluoroalkenes a tandem fluorination-desulfonation sequence. <i>Chemical Communications</i> , 2021 , 57, 7802-7805	5.8	2

12	Frontispiece: Hydrogen Bonding: Regulator for Nucleophilic Fluorination. <i>Chemistry - A European Journal</i> , 2017 , 23,	4.8	1
11	OrthoCH amidations enabled by a recyclable manganese-ionic liquid catalytic system. <i>Tetrahedron Letters</i> , 2020 , 61, 151521	2	1
10	Simultaneous rapid reaction workup and catalyst recovery. <i>Green Chemistry</i> , 2016 , 18, 5769-5772	10	1
9	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
8	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
7	Transition-State Expansion: A Quantitative Model for Counterion Effects in Ionic Reactions. <i>IScience</i> , 2020 , 23, 101593	6.1	0
6	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
5	Electrochemical Oxidative Cross-Coupling between Vinyl Azides and Thiophenols: Synthesis of -Bisarylthio Enamines. <i>Journal of Organic Chemistry</i> , 2021 , 86, 15946-15952	4.2	0
4	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
3	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
2	Divergent Synthesis of Sulfonyl Quinolines, Formyl Indoles, and Quinolones from Ethynyl Benzoxazinones via AuI Catalysis, AuI-ArI Co-Catalysis, and Silver Catalysis. <i>ACS Catalysis</i> , 7134-7141	13.1	0
1	Faster and greener parallel chemical reaction work-up using Spongel extraction. <i>Tetrahedron Letters</i> , 2022 , 95, 153702	2	