Jian Zhou

List of Publications by Year
in descending order

172 papers	12,821 citations	20817 60 h-index	25787 108 g-index
241 all docs	241 docs citations	241 times ranked	6746 citing authors

#	Article	IF	Citations
1	Catalytic Asymmetric Synthesis of Oxindoles Bearing a Tetrasubstituted Stereocenter at the Câ€3 Position. Advanced Synthesis and Catalysis, 2010, 352, 1381-1407.	4.3	1,161
2	Phosphine-triggered synthesis of functionalized cyclic compounds. Chemical Society Reviews, 2008, 37, 1140.	38.1	683
3	Catalytic Enantioselective Desymmetrization Reactions to All-Carbon Quaternary Stereocenters. Chemical Reviews, 2016, 116, 7330-7396.	47.7	583
4	Recent Advances in Multicatalyst Promoted Asymmetric Tandem Reactions. Chemistry - an Asian Journal, 2010, 5, 422-434.	3.3	436
5	Development of Synthetic Methodologies via Catalytic Enantioselective Synthesis of 3,3-Disubstituted Oxindoles. Accounts of Chemical Research, 2018, 51, 1443-1454.	15.6	321
6	Highly Stereoselective Olefin Cyclopropanation of Diazooxindoles Catalyzed by a C₂-Symmetric Spiroketal Bisphosphine/Au(I) Complex. Journal of the American Chemical Society, 2013, 135, 8197-8200.	13.7	318
7	Sidearm Effect:Â Improvement of the Enantiomeric Excess in the Asymmetric Michael Additionâ€¡of Indoles to Alkylidene Malonates. Journal of the American Chemical Society, 2002, 124, 9030-9031.	13.7	270
8	Organocatalytic Asymmetric Reaction Cascade to Substituted Cyclohexylamines. Journal of the American Chemical Society, 2007, 129, 7498-7499.	13.7	268
9	Catalytic Enantioselective Construction of Spiro Quaternary Carbon Stereocenters. ACS Catalysis, 2019, 9, 1820-1882.	11.2	227
10	Organocatalytic Asymmetric Synthesis of Substituted 3-Hydroxy-2-oxindoles via Moritaâ^'Baylisâ^'Hillman Reaction. Journal of the American Chemical Society, 2010, 132, 15176-15178.	13.7	224
11	Oneâ€Pot Tandem Approach to Spirocyclic Oxindoles Featuring Adjacent Spiroâ€Stereocenters. Angewandte Chemie - International Edition, 2013, 52, 13735-13739.	13.8	197
12	Michael Addition Catalyzed by Chiral Secondary Amine Phosphoramide Using Fluorinated Silyl Enol Ethers: Formation of Quaternary Carbon Stereocenters. Angewandte Chemie - International Edition, 2015, 54, 7381-7385.	13.8	170
13	Organocatalytic Asymmetric Strecker Reaction of Di- and Trifluoromethyl Ketoimines. Remarkable Fluorine Effect. Organic Letters, 2011, 13, 3826-3829.	4.6	169
14	Cinchona alkaloid-based phosphoramide catalyzed highly enantioselective Michael addition of unprotected 3-substituted oxindoles to nitroolefins. Chemical Science, 2011, 2, 2035.	7.4	161
15	Controllable Enantioselective Friedelâ^'Crafts Reaction1between Indoles and Alkylidene Malonates Catalyzed by Pseudo-C3-Symmetric Trisoxazoline Copper(II) Complexes. Journal of Organic Chemistry, 2004, 69, 1309-1320.	3.2	160
16	Primaryâ€Amineâ€Catalyzed Enantioselective Intramolecular Aldolizations. Angewandte Chemie - International Edition, 2008, 47, 7656-7658.	13.8	158
17	Highly Efficient â€œOn Waterâ€•Catalystâ€Free Nucleophilic Addition Reactions Using Difluoroenoxysilanes: Dramatic Fluorine Effects. Angewandte Chemie - International Edition, 2014, 53, 9512-9516.	13.8	156
18	Asymmetric construction of quaternary stereocenters by direct organocatalytic amination of 3-substituted oxindoles. Chemical Communications, 2009, , 6753.	4.1	154

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19	Asymmetric Copper(I)-Catalyzed Azideâ€“Alkyne Cycloaddition to Quaternary Oxindoles. Journal of the American Chemical Society, 2013, 135, 10994-10997.	13.7	151
20	Asymmetric Triple Relay Catalysis: Enantioselective Synthesis of Spirocyclic Indolines through a Oneâ€Pot Process Featuring an Asymmetric 6Ï€ Electrocyclization. Angewandte Chemie - International Edition, 2014, 53, 13740-13745.	13.8	147
21	Catalytic Asymmetric Reductive Amination of Î±â€Branched Ketones. Angewandte Chemie - International Edition, 2010, 49, 4612-4614.	13.8	146
22	Organocatalytic asymmetric cyanation of isatin derived N-Boc ketoimines. Chemical Communications, 2013, 49, 4421-4423.	4.1	142
23	Catalytic functionalization of tertiary alcohols to fully substituted carbon centres. Organic and Biomolecular Chemistry, 2014, 12, 6033.	2.8	133
24	Catalytic Asymmetric Acylcyanation of Imines. Angewandte Chemie - International Edition, 2007, 46, 612-614.	13.8	131
25	The development and application of chiral trisoxazolines in asymmetric catalysis and molecular recognition. Chemical Society Reviews, 2005, 34, 664.	38.1	130
26	Catalytic asymmetric synthesis of 3,3-disubstituted oxindoles: diazooxindole joins the field. Tetrahedron Letters, 2014, 55, 2571-2584.	1.4	129
27	Organocatalytic asymmetric synthesis of 3-difluoroalkyl 3-hydroxyoxindoles. Chemical Communications, 2012, 48, 1919.	4.1	127
28	Improving the Atom Efficiency of the Wittig Reaction by a â€œWaste as Catalyst/Coâ€catalystâ€•Strategy. Angewandte Chemie - International Edition, 2010, 49, 4976-4980.	13.8	119
29	Catalytic Enantioselective Construction of Sulfur-Containing Tetrasubstituted Carbon Stereocenters. ACS Catalysis, 2016, 6, 5319-5344.	11.2	118
30	A facile method for the synthesis of oxindole based quaternary Î±-aminonitriles via the Strecker reaction. Organic and Biomolecular Chemistry, 2010, 8, 3847.	2.8	117
31	Activation of Chiral (Salen)AlCl Complex by Phosphorane for Highly Enantioselective Cyanosilylation of Ketones and Enones. Journal of the American Chemical Society, 2016, 138, 416-425.	13.7	108
32	Trisoxazoline/Cu(II)-Promoted Kinugasa Reaction. Enantioselective Synthesis ofÎ²-Lactams. Journal of Organic Chemistry, 2006, 71, 3576-3582.	3.2	107
33	A Highly Diastereo- and Enantioselective Hg(II)-Catalyzed Cyclopropanation of Diazooxindoles and Alkenes. Organic Letters, 2013, 15, 42-45.	4.6	106
34	Catalytic Asymmetric Electrophilic Amination Reactions To Form Nitrogen-Bearing Tetrasubstituted Carbon Stereocenters. Synthesis, 2014, 46, 2983-3003.	2.3	100
35	An Organocatalytic Asymmetric Tandem Reaction for the Construction of Bicyclic Skeletons. Chemistry - A European Journal, 2009, 15, 11384-11389.	3.3	99
36	Enantioselective Friedelâ€“Crafts reaction of indoles with arylidene malonates catalyzed byiPr-bisoxazolineâ€“Cu(OTf)2. Chemical Communications, 2004, , 432-433.	4.1	97

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37	Sequential Au(<scp>i</scp>)/chiral tertiary amine catalysis: a tandem Câ€“H functionalization of anisoles or a thiophene/asymmetric Michael addition sequence to quaternary oxindoles. Chemical Communications, 2016, 52, 2537-2540.	4.1	97
38	Catalytic enantioselective construction of vicinal quaternary carbon stereocenters. Chemical Science, 2020, 11, 9341-9365.	7.4	96
39	Catalytic asymmetric synthesis of polysubstituted spirocyclopropyl oxindoles: organocatalysis versus transition metal catalysis. Organic Chemistry Frontiers, 2015, 2, 849-858.	4.5	95
40	Catalytic Asymmetric Construction of Stereogenic Carbon Centers that Feature a gemâ€Difluoroalkyl Group. Asian Journal of Organic Chemistry, 2013, 2, 194-206.	2.7	94
41	A Hg(ClO₄)₂Â·3H₂O Catalyzed Sakuraiâ€“Hosomi Allylation of Isatins and Isatin Ketoimines Using Allyltrimethylsilane. Organic Letters, 2011, 13, 6398-6401.	4.6	93
42	Characterization of Key Intermediates in a Complex Organocatalytic Cascade Reaction Using Mass Spectrometry. Angewandte Chemie - International Edition, 2009, 48, 1463-1466.	13.8	90
43	Highly Stereoselective Goldâ€Catalyzed Coupling of Diazo Reagents and Fluorinated Enol Silyl Ethers to Tetrasubstituted Alkenes. Angewandte Chemie - International Edition, 2017, 56, 2459-2463.	13.8	88
44	Diastereoselectivity-Switchable and Highly Enantioselective 1,3-Dipolar Cycloaddition of Nitrones to Alkylidene Malonates. Organic Letters, 2004, 6, 1677-1679.	4.6	87
45	Catalytic Enantioselective Î±-Arylation of Carbonyl Enolates and Related Compounds. ACS Catalysis, 2020, 10, 955-993.	11.2	86
46	Switchable Reactions of Cyclopropanes with Enol Silyl Ethers. Controllable Synthesis of Cyclopentanes and 1,6-Dicarbonyl Compounds. Journal of Organic Chemistry, 2009, 74, 7684-7689.	3.2	84
47	Diastereo- and enantioselective [3â€‰+â€‰3] cycloaddition of spirocyclopropyl oxindoles using both aldonitrones and ketonitrones. Nature Communications, 2017, 8, 1619.	12.8	84
48	Direct electrochemical defluorinative carboxylation of Î±-CF₃ alkenes with carbon dioxide. Chemical Science, 2020, 11, 10414-10420.	7.4	83
49	Synthesis of Î²-Arylethenesulfonyl Fluoride via Pd-Catalyzed Nondirected Câ€“H Alkenylation. Organic Letters, 2019, 21, 1426-1429.	4.6	82
50	Catalytic selective mono- and difluoroalkylation using fluorinated silyl enol ethers. Chemical Communications, 2019, 55, 13638-13648.	4.1	82
51	Chiral tris(oxazoline)/Cu(ii) catalyzed coupling of terminal alkynes and nitronesElectronic supplementary information (ESI) available: experimental. See http://www.rsc.org/suppdata/cc/b3/b306653c/. Chemical Communications, 2003, , 2554.	4.1	78
52	Catalytic Enantioselective Cyanation: Recent Advances and Perspectives. ACS Catalysis, 2020, 10, 7668-7690.	11.2	76
53	Organocatalytic asymmetric synthesis of 3,3-disubstituted oxindoles featuring two heteroatoms at the C3 position. Chemical Communications, 2013, 49, 2022.	4.1	75
54	Organocatalytic Asymmetric Î±â€Amination of Unprotected 3â€Aryl and 3â€Aliphatic Substituted Oxindoles using Diâ€tertâ€butyl Azodicarboxylate. Advanced Synthesis and Catalysis, 2011, 353, 2945-2952.	4.3	71

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55	Organocatalytic enantioselective Mukaiyamaâ€“Mannich reaction of fluorinated enol silyl ethers and cyclic N-sulfonyl ketimines. Organic Chemistry Frontiers, 2016, 3, 298-303.	4.5	71
56	Utilization of CO₂ as a C1 Building Block in a Tandem Asymmetric A³ Coupling-Carboxylative Cyclization Sequence to 2-Oxazolidinones. ACS Catalysis, 2017, 7, 8588-8593.	11.2	71
57	Highly stereoselective construction of adjacent tetrasubstituted carbon stereogenic centres via an organocatalytic Mukaiyama-aldol reaction of monofluorinated silyl enol ethers to isatins. Organic Chemistry Frontiers, 2014, 1, 742.	4.5	69
58	Activation of (salen)CoI complex by phosphorane for carbon dioxide transformation at ambient temperature and pressure. Green Chemistry, 2017, 19, 3908-3915.	9.0	66
59	Pseudo-C3-symmetric trisoxazolines as ligands in copper catalyzed enantioselective Dielsâ€“Alder reaction. Organic and Biomolecular Chemistry, 2004, 2, 429-433.	2.8	64
60	Organocatalytic Michael addition of unprotected 3-substituted oxindoles to nitroolefins. Organic and Biomolecular Chemistry, 2010, 8, 2912.	2.8	63
61	Successively Recycle Waste as Catalyst: A One-Pot Wittig/1,4-Reduction/Paalâ€“Knorr Sequence for Modular Synthesis of Substituted Furans. Organic Letters, 2015, 17, 1557-1560.	4.6	63
62	A Journey in the Catalytic Synthesis of 3-Substituted 3-AminoÂoxindoles. Synlett, 2015, 26, 2491-2504.	1.8	61
63	Catalytic asymmetric sulfenylation to structurally diverse dithioketals. Chemical Communications, 2015, 51, 16255-16258.	4.1	60
64	A Highly Efficient Friedelâ€“Crafts Reaction of 3â€Hydroxyoxindoles and Aromatic Compounds to 3,3â€Diaryl and 3â€Alkylâ€3â€aryloxindoles Catalyzed by Hg(ClO₄)₂â‹…3â€‰H₂O. Chemistry - an Asian Journal, 2012, 7, 233-241.	3.5	58
65	Me2(CH2Cl)SiCN: Bifunctional Cyanating Reagent for the Synthesis of Tertiary Alcohols with a Chloromethyl Ketone Moiety via Ketone Cyanosilylation. Journal of the American Chemical Society, 2016, 138, 8730-8733.	13.7	58
66	Enantioselective synthesis of P-chiral tertiary phosphine oxides with an ethynyl group via Cu(<scp>i</scp>)-catalyzed azideâ€“alkyne cycloaddition. Chemical Science, 2020, 11, 97-106.	7.4	55
67	Modular Synthesis of Chiral Homo- and Heterotrisoxazolines. Improving the Enantioselectivity in the Asymmetric Michael Addition of Indole to Benzylidene Malonate. Journal of Organic Chemistry, 2005, 70, 6108-6110.	3.2	54
68	Catalytic enantioselective synthesis of Î±-chiral azides. Organic Chemistry Frontiers, 2018, 5, 1542-1559.	4.5	54
69	Ligandâ€Accelerated Asymmetric [1,2]â€Stevens Rearrangment of Sulfur Ylides via Decomposition of Diazomalonates Catalyzed by Chiral Bisoxazoline/Copper Complex. Advanced Synthesis and Catalysis, 2009, 351, 308-312.	4.3	52
70	Metal-Free Tandem Friedelâ€“Crafts/Lactonization Reaction to Benzofuranones Bearing a Quaternary Center at C3 Position. Journal of Organic Chemistry, 2012, 77, 4354-4362.	3.2	50
71	Asymmetric sequential Au(<scp>i</scp>)/chiral tertiary amine catalysis: an enone-formation/cyanosilylation sequence to synthesize optically active 3-alkenyloxindoles from diazooxindoles. Chemical Communications, 2016, 52, 3943-3946.	4.1	50
72	A highly efficient Mukaiyamaâ€“Mannich reaction of N-Boc isatin ketimines and other active cyclic ketimines using difluoroenol silyl ethers catalyzed by Ph₃PAuOTf. Organic and Biomolecular Chemistry, 2015, 13, 10968-10972.	2.8	48

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73	A catalytic metal-free Ritter reaction to 3-substituted 3-aminooxindoles. Organic and Biomolecular Chemistry, 2012, 10, 3178.	2.8	47
74	Regioselective Markovnikov hydrodifluoroalkylation of alkenes using difluoroenoxysilanes. Nature Communications, 2020, 11, 5500.	12.8	47
75	Synthesis and Characterization of Thermally Stable Nanotubular TiO₂ and Its Photocatalytic Activity. Journal of Physical Chemistry C, 2008, 112, 18772-18775.	3.1	46
76	Highly Enantioselective CuAAC of Functional Tertiary Alcohols Featuring an Ethynyl Group and Their Kinetic Resolution. Angewandte Chemie - International Edition, 2021, 60, 8488-8493.	13.8	46
77	Activating Pronucleophiles with High pK_a Values: Chiral Organoâ€Superbases. Angewandte Chemie - International Edition, 2020, 59, 8004-8014.	13.8	44
78	Direct Electrochemical Defluorinative Carboxylation of gem-Difluoroalkenes with Carbon Dioxide. Organic Letters, 2020, 22, 8424-8429.	4.6	44
79	Ethylene Glycol: A Powerful Catalystâ€Free Medium for Cï£¿C Bondâ€Forming Reactions. Chemistry - an Asian Journal, 2012, 7, 1759-1763.	3.3	43
80	An Organocatalytic Addition of Nitromethane to Activated Ketimines. Asian Journal of Organic Chemistry, 2014, 3, 429-432.	2.7	43
81	Highly Enantioselective Organocatalytic Asymmetric Mukaiyama-aldol Reaction of Difluoroenoxysilanes withÎ²,Î³-UnsaturatedÎ±-Ketoesters. Acta Chimica Sinica, 2012, 70, 1451.	1.4	43
82	Sidearm Approach:Â A Promising Strategy for Construction of Bisoxazoline-Based Ligand Library. ACS Combinatorial Science, 2004, 6, 301-304.	3.3	42
83	An efficient catalyst-free Mukaiyama-aldol reaction of fluorinated enol silyl ethers with tryptanthrin. Organic and Biomolecular Chemistry, 2015, 13, 8906-8911.	2.8	40
84	A Robust Auâ^'Câ‰¡C Functionalized Surface: Toward Realâ€Time Mapping and Accurate Quantification of Fe²⁺ in the Brains of Live AD Mouse Models. Angewandte Chemie - International Edition, 2020, 59, 20499-20507.	13.8	39
85	Highly enantioselective Michael addition of 3-arylthio- and 3-alkylthiooxindoles to nitroolefins catalyzed by a simple cinchona alkaloid derived phosphoramide. Chemical Communications, 2014, 50, 15179-15182.	4.1	38
86	Internally Reuse Waste: Catalytic Asymmetric Oneâ€Pot Strecker Reaction of Fluoroalkyl Ketones, Anilines and TMSCN by Sequential Catalysis. Chinese Journal of Chemistry, 2018, 36, 321-328.	4.9	36
87	Hydroxymethylation of Î±-substituted nitroacetates. Tetrahedron Letters, 2011, 52, 6118-6121.	1.4	35
88	A Highly Efficient Friedelâ€“Crafts Reaction of Tertiary Î±â€Hydroxyesters or Î±â€Hydroxyketones to Î±â€Quaternary Esters or Ketones. Chemistry - an Asian Journal, 2012, 7, 2510-2515.	3.3	35
89	Waste as Catalyst: Tandem Wittig/Conjugate Reduction Sequence to Î±â€CF₃ Î³â€Keto Esters That Uses Ph₃PO as Catalyst for the Chemoselective Conjugate Reduction. Chemistry - an Asian Journal, 2013, 8, 556-559.	3.3	35
90	Catalytic Asymmetric Strecker Reaction: Bifunctional Chiral Tertiary Amine/Hydrogen-Bond Donor Catalysis Joins the Field. Synthesis, 2015, 47, 1210-1226.	2.3	34

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91	Catalytic enantioselective synthesis using carbon dioxide as a C1 synthon. Organic and Biomolecular Chemistry, 2020, 18, 8597-8619.	2.8	34
92	Stereoselective defluorinative carboxylation of gem-difluoroalkenes with carbon dioxide. Organic Chemistry Frontiers, 2019, 6, 3678-3682.	4.5	32
93	Regiodivergent Intramolecular Nucleophilic Addition of Ketimines for the Diverse Synthesis of Azacycles. Angewandte Chemie - International Edition, 2020, 59, 1634-1643.	13.8	31
94	Catalytic enantioselective synthesis of cyclopropanes featuring vicinal all-carbon quaternary stereocenters with a CH₂F group; study of the influence of Câ€“Fâ‹¯Hâ€“N interactions on reactivity. Organic Chemistry Frontiers, 2018, 5, 2960-2968.	4.5	30
95	Direct amination of Î±-substituted nitroacetates using di-tert-butyl azodicarboxylate catalyzed by Hatakeyama's catalyst Î²-ICD. Organic and Biomolecular Chemistry, 2012, 10, 1158.	2.8	29
96	Recycle Waste Salt as Reagent: A One-Pot Substitution/Krapcho Reaction Sequence to Î±-Fluorinated Esters and Sulfones. Organic Letters, 2015, 17, 972-975.	4.6	29
97	H-bond donor-directed switching of diastereoselectivity in the Michael addition of Î±-azido ketones to nitroolefins. Chemical Science, 2020, 11, 3852-3861.	7.4	29
98	Activation of Chiral (Salen)TiCl₂ Complex by Phosphorane for the Highly Enantioselective Cyanation of Nitroolefins. Organic Letters, 2020, 22, 2099-2104.	4.6	29
99	A highly enantioselective Hg(<scp>ii</scp>)-catalyzed Sakuraiâ€“Hosomi reaction of isatins with allyltrimethylsilanes. Organic and Biomolecular Chemistry, 2016, 14, 5500-5504.	2.8	28
100	Sidearm Modified Bisoxazoline Ligands and Their Applications. Chinese Journal of Chemistry, 2018, 36, 1123-1129.	4.9	28
101	Influence of Câ€”Fâ€¦Hâ€”X Interactions on Organic Reactions. Acta Chimica Sinica, 2018, 76, 925.	1.4	28
102	Highly Enantioselective Organocatalytic aza-Henry Reaction of Nitroalkanes to N-Boc Isatin Ketimines. Acta Chimica Sinica, 2014, 72, 867.	1.4	27
103	Iron-coated TiO2nanotubes and their photocatalytic performance. Journal of Materials Chemistry, 2010, 20, 603-610.	6.7	26
104	Organocatalytic asymmetric Michael addition of unprotected 3-substituted oxindoles to 1,4-naphthoquinone. Beilstein Journal of Organic Chemistry, 2012, 8, 1360-1365.	2.2	24
105	An efficient Fe(III)-catalyzed 1,6-conjugate addition of para-quinone methides with fluorinated silyl enol ethers toward Î²,Î²-diaryl Î±-fluorinated ketones. Tetrahedron, 2018, 74, 7395-7398.	1.9	24
106	Nucleophilic Difluoromethylenation of Ketones Using Diethyl (Difluoro(trimethylsilyl)methyl)phosphonate Mediated by 18-Crown-6 Ether/KOAc. Journal of Organic Chemistry, 2016, 81, 7807-7816.	3.2	23
107	<scp>Pdâ€Catalyzed Siteâ€Selective</scp> Borylation of Simple Arenes via Thianthrenation^{â€}. Chinese Journal of Chemistry, 2020, 38, 1269-1272.	4.9	23
108	Enantioselective Cu(I)-Catalyzed Cycloaddition of Prochiral Diazides with Terminal or 1-Iodoalkynes. Organic Letters, 2020, 22, 1270-1274.	4.6	23

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109	A Facile Method for the Synthesis of 3-Substituted 3-(Alkylthio)oxindoles or 3-Alkoxyoxindoles. Synthesis, 2012, 44, 3129-3144.	2.3	21
110	A general and efficient Lewis acid catalysed Mukaiyama-aldol reaction of difluoroenoxysilanes and ketones. Science Bulletin, 2017, 62, 1504-1509.	9.0	21
111	Enantioselective carboxylative cyclization of propargylic alcohol with carbon dioxide under mild conditions. Chinese Chemical Letters, 2020, 31, 324-328.	9.0	21
112	Metal Catalysis versus Organocatalysis in the Catalytic Asymmetric Synthesis of 3-Hydroxyoxindole. Chinese Journal of Organic Chemistry, 2013, 33, 1595.	1.3	21
113	Catalytic Enantioselective Aldolâ€Type Reaction Using Î±â€Fluorinated Enolates. Asian Journal of Organic Chemistry, 2019, 8, 610-626.	2.7	20
114	Construction of Î²-Quaternary Î±,Î±-Difluoroketones via Catalytic Nucleophilic Substitution of Tertiary Alcohols with Difluoroenoxysilanes. Organic Letters, 2020, 22, 8516-8521.	4.6	19
115	One-Pot Sequential [3 + 3] Dipolar Cycloaddition of Aldehyde or Ketone and Hydroxylamine with Spirocyclopropyl Oxindole. Journal of Organic Chemistry, 2018, 83, 12763-12774.	3.2	18
116	Activating Pronucleophiles with High p K a Values: Chiral Organoâ€Superbases. Angewandte Chemie, 2020, 132, 8080-8090.	2.0	17
117	Constructing Tertiary Alcohols with Vicinal Stereocenters: Highly Diastereo- and Enantioselective Cyanosilylation of Î±-Branched Acyclic Ketones and Their Kinetic Resolution. CCS Chemistry, 2022, 4, 2140-2152.	7.8	17
118	Highly Stereoselective Goldâ€Catalyzed Coupling of Diazo Reagents and Fluorinated Enol Silyl Ethers to Tetrasubstituted Alkenes. Angewandte Chemie, 2017, 129, 2499-2503.	2.0	16
119	Metalâ€Free Azidation of Î±â€Hydroxy Esters and Î±â€Hydroxy Ketones Using Azidotrimethylsilane. Advanced Synthesis and Catalysis, 2018, 360, 1116-1122.	4.3	16
120	Catalytic Enantioselective Protonation of Monofluorinated Silyl Enol Ethers towards Chiral Î±â€Fluoroketones. Chinese Journal of Chemistry, 2019, 37, 799-806.	4.9	16
121	Catalyst-Free and Solvent-Controlled Divergent Synthesis of Difluoromethylene-Containing S-Heterocycles. Journal of Organic Chemistry, 2021, 86, 9206-9217.	3.2	16
122	Carbonyl-Stabilized Phosphorus Ylide as an Organocatalyst for Cyanosilylation Reactions Using TMSCN. Journal of Organic Chemistry, 2020, 85, 14342-14350.	3.2	15
123	Modular synthesis of chiral 1,2-dihydropyridines via Mannich/Wittig/cycloisomerization sequence that internally reuses waste. Nature Communications, 2021, 12, 2219.	12.8	15
124	Au-Catalyzed Formal Allylation of Diazo(thio)oxindoles: Application to Tandem Asymmetric Synthesis of Quaternary Stereocenters. Organic Letters, 2021, 23, 4864-4869.	4.6	15
125	A Catalystâ€Free, Oneâ€Pot Threeâ€Component Aminomethylation of Î±â€Substituted Nitroacetates: Theoretical and Experimental Studies into the Rateâ€Accelerating Effects of the Solvent Methanol. Chemistry - an Asian Journal, 2013, 8, 877-882.	3.3	14
126	A Sc(OTf)3 catalyzed Mukaiyamaâ€“Mannich reaction of difluoroenoxysilanes with unactivated ketimines. Organic Chemistry Frontiers, 2019, 6, 2500-2505.	4.5	14

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127	Multifunctional 1,3-diphenylguanidine for the carboxylative cyclization of homopropargyl amines with CO₂ under ambient temperature and pressure. Chemical Communications, 2019, 55, 14303-14306.	4.1	13
128	Internally reuse by-product as promoter: A catalyst-free imine formation/Mukaiyama-Mannich sequence of Î±-amido sulfones with fluorinated silyl enol ethers. Journal of Fluorine Chemistry, 2019, 219, 106-114.	1.7	12
129	LPS-induced inflammation delays the transportation of ASP⁺ due to down-regulation of OCTN1/2 in alveolar epithelial cells. Journal of Drug Targeting, 2020, 28, 437-447.	4.4	12
130	Organocatalytic enantioselective reactions involving prochiral carbocationic intermediates. Chemical Communications, 2021, 57, 9178-9191.	4.1	12
131	Highly Enantioselective CuAAC of Functional Tertiary Alcohols Featuring an Ethynyl Group and Their Kinetic Resolution. Angewandte Chemie, 2021, 133, 8569-8574.	2.0	12
132	Construction of gem-Difluoroenol Esters through Catalytic O-Selective Addition of Difluoroenoxysilanes to Ketenes. Journal of Organic Chemistry, 2021, 86, 7797-7805.	3.2	12
133	Ga(OTf)₃Catalyzed Highly Efficient Substitution Reaction of 3-Hydroxyoxindoles Using TMSN₃. Acta Chimica Sinica, 2015, 73, 685.	1.4	12
134	Computational insight into the cooperative role of non-covalent interactions in the aza-Henry reaction catalyzed by quinine derivatives: mechanism and enantioselectivity. Organic and Biomolecular Chemistry, 2016, 14, 9588-9597.	2.8	11
135	A Highly Efficient Gold(I)-Catalyzed Mukaiyamaâ€“Mannich Reaction of Î±-Amino Sulfones with Fluorinated Silyl Enol Ethers To Give Î²-Amino Î±-Fluorinated Ketones. Synlett, 2017, 28, 2194-2198.	1.8	11
136	Highly Stereoselective Positional Isomerization of Styrenes via<scp>Acidâ€Catalyzed</scp> Carbocation Mechanism. Chinese Journal of Chemistry, 2021, 39, 2227-2233.	4.9	11
137	HClO₄ catalysed aldol-type reaction of fluorinated silyl enol ethers with acetals or ketals toward fluoroalkyl ethers. Organic and Biomolecular Chemistry, 2019, 17, 9430-9434.	2.8	10
138	A Robust Auâ^'Câ‰¡C Functionalized Surface: Toward Realâ€Time Mapping and Accurate Quantification of Fe 2+ in the Brains of Live AD Mouse Models. Angewandte Chemie, 2020, 132, 20680-20688.	2.0	10
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