

# Shifa Zhu

## List of Publications by Citations

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124  
papers

3,458  
citations

31  
h-index

53  
g-index

154  
ext. papers

3,990  
ext. citations

6.3  
avg, IF

5.78  
L-index

#	Paper	IF	Citations
124	A general and efficient cobalt(II)-based catalytic system for highly stereoselective cyclopropanation of alkenes with cyanodiazooacetates. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 12796-9	16.4	170
123	Cobalt-catalyzed asymmetric cyclopropanation with diazosulfones: rigidification and polarization of ligand chiral environment via hydrogen bonding and cyclization. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 5042-3	16.4	164
122	Acceptor/acceptor-substituted diazo reagents for carbene transfers: cobalt-catalyzed asymmetric Z-cyclopropanation of alkenes with alpha-nitrodiazoacetates. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 8460-3	16.4	155
121	Transition-Metal-Catalyzed Intramolecular Nucleophilic Addition of Carbonyl Groups to Alkynes. <i>Chem</i> , <b>2018</b> , 4, 1208-1262	16.2	132
120	Recent progress on donor and donor-donor carbenes. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 908-950	58.5	130
119	Enantioselective cyclopropanation of alkynes with acceptor/acceptor-substituted diazo reagents via Co(II)-based metalloradical catalysis. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 3304-7	16.4	126
118	Highly asymmetric cobalt-catalyzed aziridination of alkenes with trichloroethoxysulfonyl azide (TcesN <sub>3</sub> ). <i>Chemical Communications</i> , <b>2009</b> , 4266-8	5.8	125
117	Enantioselective Intramolecular C-H Insertion of Donor and Donor/Donor Carbenes by a Nondiazo Approach. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 8452-6	16.4	100
116	NHC-AuCl/selectfluor: a highly efficient catalytic system for carbene-transfer reactions. <i>Organic Letters</i> , <b>2014</b> , 16, 4472-5	6.2	93
115	Cobalt(II)-catalyzed asymmetric olefin cyclopropanation with ketodiazooacetates. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 11857-61	16.4	87
114	Silver-catalyzed difunctionalization of terminal alkynes: highly regio- and stereoselective synthesis of (Z)-beta-haloenol acetates. <i>Organic Letters</i> , <b>2010</b> , 12, 3262-5	6.2	80
113	Dual Catalysis: Proton/Metal-Catalyzed Tandem Benzofuran Annulation/Carbene Transfer Reaction. <i>Organic Letters</i> , <b>2016</b> , 18, 1322-5	6.2	69
112	Silver-Catalyzed One-Pot Cyclization Reaction of Electron-Deficient Alkynes and 2-Yn-1-ols: An Efficient Domino Process to Polysubstituted Furans. <i>Advanced Synthesis and Catalysis</i> , <b>2010</b> , 352, 143-152 <sup>5,6</sup>	5.6	65
111	Enynal/Enynone: A Safe and Practical Carbenoid Precursor. <i>Current Organic Chemistry</i> , <b>2015</b> , 20, 102-118 <sup>1,7</sup>	1.7	62
110	Silver-catalyzed reaction of enynals with alkenes: a tandem 1,3-dipolar cycloaddition/cyclopropanation. <i>Organic Letters</i> , <b>2014</b> , 16, 4412-5	6.2	61
109	Mechanistic insight into transition metal-catalyzed reaction of enynal/enynone with alkenes: metal-dependent reaction pathway. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 6113-22	4.2	58
108	Iron-catalyzed benzannulation reactions of 2-alkylbenzaldehydes and alkynes leading to naphthalene derivatives. <i>Organic Letters</i> , <b>2013</b> , 15, 898-901	6.2	57

107	Gold-catalyzed reactions of enynals/enynones with norbornenes: generation and trapping of cyclic o-quinodimethanes (o-QDMs). <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 4695-700	4.8	56
106	Bioinspired intramolecular Diels-Alder reaction: a rapid access to the highly-strained cyclopropane-fused polycyclic skeleton. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 2425-30	4.8	55
105	Highly Chemo- and Stereoselective Catalyst-Controlled Allylic C-H Insertion and Cyclopropanation Using Donor/Donor Carbenes. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 12405-12409	16.4	54
104	Sedimentary characteristics and seismic geomorphologic responses of a shallow-water delta in the Qingshankou Formation from the Songliao Basin, China. <i>Marine and Petroleum Geology</i> , <b>2017</b> , 79, 131-148	4.7	47
103	A Route to Polysubstituted Aziridines from Carbenes and Imines through a Nondiazo Approach. <i>Organic Letters</i> , <b>2016</b> , 18, 5208-5211	6.2	47
102	A direct and practical approach for the synthesis of N-heterocyclic carbene coinage metal complexes. <i>Tetrahedron</i> , <b>2012</b> , 68, 7949-7955	2.4	46
101	Acceptor/Acceptor-Substituted Diazo Reagents for Carbene Transfers: Cobalt-Catalyzed Asymmetric Z-Cyclopropanation of Alkenes with $\beta$ -Nitrodiazoacetates. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 8588-8591	3.6	46
100	An efficient route to polysubstituted tetrahydronaphthols: silver-catalyzed [4+2] cyclization of 2-alkylbenzaldehydes and alkenes. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 10861-5	16.4	43
99	Synergistic Catalysis: Metal/Proton-Catalyzed Cyclization of Alkynones Toward Bicyclo[3.n.1]alkanones. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 9414-8	16.4	42
98	Transition-metal-catalyzed formation of trans alkenes via coupling of aldehydes. <i>Organic Letters</i> , <b>2004</b> , 6, 377-80	6.2	41
97	Strong phenyl/perfluorophenyl $\pi$ -stacking and C-H $\cdots$ F hydrogen bonding interactions in the crystals of the corresponding aromatic aldimines. <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 2713-2716	2	39
96	Gold-catalyzed tandem Diels-Alder reactions of enynals/enynones with alkenes: generation and trapping of cyclic o-QDMs. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 4104-11	3.9	35
95	Rapid Access to 2-Methylene Tetrahydrofurans and $\beta$ -Lactones: A Tandem Four-Step Process. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 2587-91	16.4	33
94	Donor- and acceptor-enynals/enynones. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 8884-8898	3.9	33
93	Rh <sub>2</sub> (OAc) <sub>4</sub> catalyzed formation of fluorine-containing polysubstituted furans from diazocompounds and aromatic alkynes. <i>Tetrahedron</i> , <b>2010</b> , 66, 1261-1266	2.4	31
92	Occurrence and origin of pore-lining chlorite and its effectiveness on preserving porosity in sandstone of the middle Yanchang Formation in the southwest Ordos Basin. <i>Applied Clay Science</i> , <b>2017</b> , 148, 25-38	5.2	30
91	An efficient route to highly strained cyclobutenes: indium-catalyzed reactions of enynals with alkynes. <i>Chemical Communications</i> , <b>2015</b> , 51, 5530-3	5.8	29
90	Sedimentary characteristics of shallow-water braided delta of the Jurassic, Junggar basin, Western China. <i>Journal of Petroleum Science and Engineering</i> , <b>2017</b> , 149, 591-602	4.4	27

89	Metal-catalyzed formation of 1,3-cyclohexadienes: a catalyst-dependent reaction. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 1225-33	3.9	27
88	Highly regio- and stereoselective synthesis of 1,3-enynes from unactivated ethylenes via palladium-catalyzed cross-coupling. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 5736-5739	2	27
87	Styrene as 4EComponent in Zn(II)-Catalyzed Intermolecular Diels-Alder/Ene Tandem Reaction. <i>Organic Letters</i> , <b>2016</b> , 18, 3554-7	6.2	26
86	Zinc-Catalyzed Tandem Diels-Alder Reactions of Enynals with Alkenes: Generation and Trapping of Cyclic o-Quinodimethanes (o-QDMs). <i>Advanced Synthesis and Catalysis</i> , <b>2016</b> , 358, 2684-2691	5.6	26
85	Gold-catalyzed ring-expansion through acyl migration to afford furan-fused polycyclic compounds. <i>Chemical Communications</i> , <b>2017</b> , 53, 2677-2680	5.8	25
84	A direct and practical approach for the synthesis of Au(I)-NHC complexes from commercially available imidazolium salts and Au(III) salts. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 815-818	2	24
83	Cascade One-Pot Synthesis of Indanone-Fused Cyclopentanes from the Reaction of Donor-Acceptor Cyclopropanes and Enynals via a Sequential Hydrolysis/Knoevenagel Condensation/[3+2] Cycloaddition. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 2924-2930	5.6	24
82	Zeolite diagenesis and its control on petroleum reservoir quality of Permian in northwestern margin of Junggar Basin, China. <i>Science China Earth Sciences</i> , <b>2012</b> , 55, 386-396	4.6	24
81	Enantioselective Intramolecular C-H Insertion of Donor and Donor/Donor Carbenes by a Nondiazo Approach. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 8592-8596	3.6	24
80	Stereoselective preparation of trifluoromethyl containing 1,4-oxathiolane derivatives through ring expansion reaction of 1,3-oxathiolanes. <i>Tetrahedron</i> , <b>2006</b> , 62, 829-832	2.4	23
79	CuCl/EtN-Catalyzed Synthesis of Indanone-Fused 2-Methylene Pyrrolidines from Enynals and Propargylamines. <i>Organic Letters</i> , <b>2017</b> , 19, 4540-4543	6.2	22
78	One-Pot Synthesis of Indole Derivatives from the Reaction of Nitroalkynes and Alkynes via a Mercury-Carbene Intermediate. <i>Synthesis</i> , <b>2017</b> , 49, 4173-4182	2.9	21
77	Ligand Effect on Cobalt(II)-Catalyzed Asymmetric Cyclopropanation with Diazosulfones $\square$ Approaching High Stereoselectivity through Modular Design of D <sub>2</sub> -Symmetric Chiral Porphyrins. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 430-434	2.3	21
76	Cobalt(II)-Catalyzed Asymmetric Olefin Cyclopropanation with $\square$ Ketodiazooacetates. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 12073-12077	3.6	21
75	Sedimentary characteristics and facies model of gravity flow deposits of Late Triassic Yanchang Formation in southwestern Ordos Basin, NW China. <i>Petroleum Exploration and Development</i> , <b>2015</b> , 42, 633-645	4.5	19
74	Induced folding by chiral nonplanar aromatics. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 7023-33	4.2	18
73	Catalytic [1,3] O-to-C Rearrangement: Rapid Access to Bridged Bicyclic Systems. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 6927-6931	4.8	17
72	Cascade Claisen Rearrangement: Rapid Synthesis of Polysubstituted Salicylaldehydes and Total Syntheses of Hemigossypol and Gossypol. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 8702-8707 <sup>16.4</sup>	16.4	17

71	Synthesis and hetero-Diels-Alder reactions of (E)-perfluoroalkanesulfonyl-unsaturated ketones. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 4951-4955	2	17
70	Selectivity-switchable construction of benzo-fused polycyclic compounds through a gold-catalyzed reaction of enyne-lactone. <i>Chemical Communications</i> , <b>2018</b> , 54, 1893-1896	5.8	16
69	N-Heterocyclic carbene-gold(I)-catalyzed carboheterofunctionalization of alkenes with arylboronic acids. <i>Tetrahedron</i> , <b>2013</b> , 69, 10375-10383	2.4	16
68	Synergistic Catalysis: Metal/Proton-Catalyzed Cyclization of Alkynones Toward Bicyclo[3.n.1]alkanones. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 9546-9550	3.6	16
67	An Efficient Route to Polysubstituted Tetrahydronaphthols: Silver-Catalyzed [4+2] Cyclization of 2-Alkylbenzaldehydes and Alkenes. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 11019-11023	3.6	16
66	Enhanced cell adhesion and mature intracellular structure promoted by squaramide-based RGD mimics on bioinert surfaces. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 2210-2216	3.4	16
65	A practical system to synthesize the multiple-substituted 2,5-dihydrofuran by the intermolecular dipolar cycloaddition reactions involving acceptor/acceptor-substituted diazo reagents. <i>Tetrahedron</i> , <b>2011</b> , 67, 5507-5515	2.4	16
64	Synthesis of stable arsonium and sulfur ylides from perfluoroalkanesulfonyl diazocarbonyl compounds and their X-ray diffraction analysis. <i>Journal of Fluorine Chemistry</i> , <b>2008</b> , 129, 343-348	2.1	16
63	Transition metal-catalyzed formation of CF <sub>3</sub> -substituted unsaturated alkene and the synthesis of trifluoromethyl substituted amino ester. <i>Tetrahedron</i> , <b>2006</b> , 62, 11760-11765	2.4	16
62	NHCAuCl/Selectfluor: An Efficient Catalytic System for C-Bond Activation. <i>Synlett</i> , <b>2017</b> , 28, 640-653	2.2	15
61	Dolomitization of felsic volcanoclastic rocks in continental strata: A study from the Lower Cretaceous of the Ailian Sag in Erlian Basin, China. <i>Sedimentary Geology</i> , <b>2017</b> , 353, 13-27	2.8	15
60	Gold-Catalyzed Ring Expansion of Enyne-Lactone: Generation and Transformation of 2-Oxoninonium. <i>Organic Letters</i> , <b>2017</b> , 19, 5856-5859	6.2	15
59	Deconstructive Reorganization: De Novo Synthesis of Hydroxylated Benzofuran. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 4670-4677	16.4	15
58	Rapid Access to 2-Methylene Tetrahydrofurans and Lactones: A Tandem Four-Step Process. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 2633-2637	3.6	14
57	Iron/zinc-catalyzed benzannulation reactions of 2-(2-oxo-alkyl)benzketones leading to naphthalene and isoquinoline derivatives. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 1028-1033	5.2	13
56	Ir-Catalyzed reactions in natural product synthesis. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 132-150	5.2	13
55	Selectivity-switchable oxidation of tetraarylethylenes to fused polycyclic compounds. <i>Chemical Communications</i> , <b>2016</b> , 52, 13345-13348	5.8	12
54	Highly Chemo- and Stereoselective Catalyst-Controlled Allylic C-H Insertion and Cyclopropanation Using Donor/Donor Carbenes. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 12585-12589	3.6	12

53	Modular approach for synthesis of vicinal diamines containing axial chiral 1,1'-binaphthyl from 1,2-diaminoethane by Pd-catalyzed N-arylation reactions. <i>Organic Letters</i> , <b>2011</b> , 13, 1146-9	6.2	12
52	Rh(II)-catalyzed formation and rearrangement of trifluoroacetyl-containing sulfur ylides. <i>Tetrahedron</i> , <b>2007</b> , 63, 4543-4547	2.4	12
51	Rapid Access to Oxa-Bridged Bicyclic Skeletons through Gold-Catalyzed Tandem Rearrangement Reaction. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 9405-9409	4.8	11
50	A silver-catalyzed three-component reaction via stabilized cation: synthesis of polysubstituted tetrahydronaphthols and tetrahydronaphthylamines. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 1160-1164	5.2	11
49	Origin of dolomitic rocks in the lower Permian Fengcheng formation, Junggar Basin, China: evidence from petrology and geochemistry. <i>Mineralogy and Petrology</i> , <b>2017</b> , 111, 267-282	1.6	11
48	Genesis and hydrocarbon significance of vesicular welded tuffs: A case study from the Fengcheng Formation, Wu-Xia area, Junggar Basin, NW China. <i>Petroleum Exploration and Development</i> , <b>2012</b> , 39, 173-183	4.5	11
47	Enantioselective Rh(II)-Catalyzed Desymmetric Cycloisomerization of Dienes: Constructing Furan-Fused Dihydropiperidines with an Alkyne-Substituted Aza-Quaternary Stereocenter. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 14916-14925	16.4	11
46	The occurrence and transformation of lacustrine sediment gravity flow related to depositional variation and paleoclimate in the Lower Cretaceous Prosopis Formation of the Bongor Basin, Chad. <i>Journal of African Earth Sciences</i> , <b>2017</b> , 134, 134-148	2.2	10
45	Development of sedimentary geology of petroliferous basins in China. <i>Petroleum Exploration and Development</i> , <b>2016</b> , 43, 890-901	4.5	10
44	Enyne-enabled migratory insertion and Schmitt cyclization cascade for the synthesis of furan-fused fluorenes. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 1118-1122	5.2	10
43	Rh <sub>2</sub> (OAc) <sub>4</sub> -catalyzed formation of trans-alkenes from the reaction of aldehydes with perfluorophenyl diazomethane through tellurium ylide. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 5897-5900	2	9
42	Application of o-Quinodimethanes in Organic Synthesis. <i>Chinese Journal of Organic Chemistry</i> , <b>2014</b> , 34, 1322	3	9
41	Gold-catalyzed generation of azafulvenium from an enyne sulfonamide: rapid access to fully substituted pyrroles. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 480-485	5.2	8
40	Domino Reaction between Nitrosoarenes and Ynenones for Catalyst-Free Preparation of Indanone-Fused Tetrahydroisoxazoles. <i>Organic Letters</i> , <b>2019</b> , 21, 2126-2129	6.2	8
39	Utilizing the high dielectric constant of water: efficient synthesis of amino acid-derivatized cyclobutenones. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 2128-2131	2	8
38	A facile synthesis of 4-gem-difluoromethylene $\beta$ -lactam and its derivatives from BrCF <sub>2</sub> CF <sub>2</sub> Br. <i>Journal of Fluorine Chemistry</i> , <b>2006</b> , 127, 1195-1203	2.1	8
37	The First Example of Catalytic Aziridination Mediated by Arsonium Ylides: Preparation of trans-Pentafluorophenyl-Containing Aziridines. <i>Synlett</i> , <b>2005</b> , 2005, 1429-1432	2.2	8
36	Catalytic regio- and stereoselective intermolecular [5+2] cycloaddition via conjugative activation of oxidopyrylium. <i>Chemical Communications</i> , <b>2020</b> , 56, 9533-9536	5.8	8

35	A Strategy To Obtain o-Naphthoquinone Methides: Ag(I)-Catalyzed Cyclization of Enynones for the Synthesis of Benzo[ h]chromanes and Naphthopyryliums. <i>Organic Letters</i> , <b>2019</b> , 21, 1488-1492	6.2	8
34	An efficient approach to generate aryl carbenes: gold-catalyzed sequential activation of 1,6-diynes. <i>Organic Chemistry Frontiers</i> , <b>2017</b> , 4, 450-454	5.2	7
33	Construction of polycyclic bridged indene derivatives by a tandem 1,3-rearrangement/intramolecular Friedel-Crafts cyclization of propargyl acetates. <i>Chemical Communications</i> , <b>2019</b> , 55, 7382-7385	5.8	7
32	Efficient Assembly of Tetracyclic Framework of Fluorenols through Silver-Catalyzed Tandem Reaction of Acceptor-Enynals and Alkynes via Unfavorable 6-endo-dig Cyclization. <i>Asian Journal of Organic Chemistry</i> , <b>2018</b> , 7, 545-549	3	7
31	Cu(I)-Catalyzed stereoselective synthesis of trisubstituted Z-enol esters via interrupting the 1,3-O-transposition reaction. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 2510-2514	5.2	7
30	Rhodium(II)-catalyzed addition of 2-diazo(fluoroalkyl)acetoacetates to sulfides: a simple synthesis of stable sulfonium ylides. <i>Journal of Fluorine Chemistry</i> , <b>2004</b> , 125, 1071-1076	2.1	7
29	Regioselectivity-Switchable Intramolecular Hydroarylation of Ynone. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 5632-5638	5.6	7
28	Controls on carbonate cementation in early syn-rift terrestrial siliciclastics: The Lower Cretaceous of the Bayindulan Sag in Erlian Basin, China. <i>Marine and Petroleum Geology</i> , <b>2019</b> , 105, 64-80	4.7	6
27	Rapid Access to Oxabicyclo[2.2.2]octane Skeleton through Cu(I)-Catalyzed Generation and Trapping of Vinyl-o-quinodimethanes (Vinyl-o-QDMs) <i>Chinese Journal of Chemistry</i> , <b>2020</b> , 38, 1052-1056	4.9	6
26	Multiple Dolomitization and Fluid Flow Events in the Precambrian Dengying Formation of Sichuan Basin, Southwestern China. <i>Acta Geologica Sinica</i> , <b>2018</b> , 92, 311-332	0.7	6
25	Palladium-Catalyzed Oxidation and Cyclization of Carbon-Carbon Triple Bonds in Fluorous Media Using Molecular Oxygen. <i>Synlett</i> , <b>2011</b> , 2011, 1023-1027	2.2	6
24	Synergy of activating substrate and introducing C-H...O interaction to achieve Rh(II)-catalyzed asymmetric cycloisomerization of 1,n-enynes. <i>Science China Chemistry</i> , <b>2020</b> , 63, 1230-1239	7.9	6
23	Mechanism-Guided Scaffold Diversification: Perturbing and Trapping the Intermediates of Maltol-Type Cascade Claisen Rearrangement. <i>Organic Letters</i> , <b>2019</b> , 21, 90-94	6.2	6
22	Formal Allylation and Enantioselective Cyclopropanation of Donor/Acceptor Rhodium(II) Azavinyl Carbenes. <i>Organic Letters</i> , <b>2021</b> , 23, 1275-1279	6.2	5
21	A novel synthesis of 5-perfluorophenyl 4,5-dihydro-1H-pyrazoles in THF or water. <i>Journal of Fluorine Chemistry</i> , <b>2007</b> , 128, 1379-1384	2.1	4
20	Dirhodium(ii)-catalysed cycloisomerization of azaenyne: rapid assembly of centrally and axially chiral isoindazole frameworks. <i>Chemical Science</i> , <b>2021</b> , 12, 13730-13736	9.4	4
19	Cascade Claisen Rearrangement: Rapid Synthesis of Polysubstituted Salicylaldehydes and Total Syntheses of Hemigossypol and Gossypol. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 8838-8843	3.6	3
18	Cycloaddition Reaction of Vinylphenylfurans and Dimethyl Acetylenedicarboxylate to [8 + 2] Isomers via Tandem [4 + 2]/Diradical Alkene-Alkene Coupling/[1,3]-H Shift Reactions: Experimental Exploration and DFT Understanding of Reaction Mechanisms. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 8155-68	4.2	3

17	Modular Approach to the Synthesis of Polydentate NHC-Ligand Precursors (Benzimidazolium Salts) Containing Axial Chiral 1,1'-Binaphthyl via Pd-Catalyzed N-Arylation of 1,2-Diaminobenzene. <i>Synthesis</i> , <b>2014</b> , 46, 212-224	2.9	3
16	Reservoir differences and formation mechanisms in the Ke-Bai overthrust belt, northwestern margin of the Junggar Basin, China. <i>Petroleum Science</i> , <b>2010</b> , 7, 40-48	4.4	3
15	Rh(ii)-catalyzed enantioselective intramolecular Böhner reaction and aromatic substitution of donor-donor carbenes.. <i>Chemical Science</i> , <b>2022</b> , 13, 1992-2000	9.4	3
14	Divergent Synthesis of Ketone-Fused Indoles/Pyrroles via Metal-Guided Friedel-Crafts Cyclization. <i>Chinese Journal of Organic Chemistry</i> , <b>2021</b> , 41, 3521	3	3
13	Diverse synthesis of C2-linked functionalized molecules via molecular glue strategy with acetylene.. <i>Nature Communications</i> , <b>2022</b> , 13, 1858	17.4	3
12	Bottom-up modular synthesis of well-defined oligo(arylfuran)s. <i>Nature Communications</i> , <b>2021</b> , 12, 6165	17.4	2
11	1,4-Addition of o-naphthoquinone methides induced by silver-catalyzed cyclization of enynones: an approach to unsymmetrical triarylmethanes and benzo[f]chromenes. <i>Organic Chemistry Frontiers</i> , <b>2020</b> , 7, 3387-3392	5.2	2
10	Hydrogen radical-shuttle (HRS)-enabled photoredox synthesis of indanones via decarboxylative annulation. <i>Nature Communications</i> , <b>2021</b> , 12, 5257	17.4	2
9	Frontispiece: Deconstructive Reorganization: De Novo Synthesis of Hydroxylated Benzofuran. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59,	16.4	1
8	An efficient method to synthesize N/O, O-difluoroboron complexes from alkynes. <i>Green Synthesis and Catalysis</i> , <b>2021</b> , 3, 89-89	9.3	1
7	Copper-Catalyzed Asymmetric Synthesis of Bicyclo[3..1]alkenones. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 5388-5400	4.2	1
6	Identification Marks of Cretaceous Shallow-Water Delta in the Songliao Basin, China. <i>Acta Geologica Sinica</i> , <b>2016</b> , 90, 2289-2290	0.7	1
5	Catalyst-free synthesis of isoxazolidine from nitrosoarene and haloalkyne via a 1,2-halo-migration/[3 + 2] cycloaddition cascade. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 3139-3143	3.9	1
4	TEMPO-Regulated Regio- and Stereoselective Cross-Dihalogenation with Dual Electrophilic X <sup>+</sup> Reagents. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 3004	4.9	1
3	Deconstructive Reorganization: De Novo Synthesis of Hydroxylated Benzofuran. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 4700-4707	3.6	0
2	Construction of Partially Protected Nonsymmetrical Biaryldiols via Semipinacol Rearrangement of -NQM Derived from Enynones. <i>Organic Letters</i> , <b>2021</b> , 23, 71-75	6.2	0
1	Benzene-Free Synthesis of Multisubstituted Catechol via Oxidative Dearomatic Reorganization. <i>Organic Letters</i> , <b>2021</b> , 23, 1411-1415	6.2	0