

Chengjian Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2566381/publications.pdf>

Version: 2024-02-01

135
papers

7,697
citations

38660

50
h-index

62479

80
g-index

137
all docs

137
docs citations

137
times ranked

6121
citing authors

#	ARTICLE	IF	CITATIONS
1	Distal radical migration strategy: an emerging synthetic means. <i>Chemical Society Reviews</i> , 2018, 47, 654-667.	18.7	266
2	Gold-catalyzed C(sp ³)-H bond functionalization. <i>Chemical Society Reviews</i> , 2014, 43, 5245-5256.	18.7	237
3	Visible-Light-Induced Trifluoromethylation of <i>N</i> -Aryl Acrylamides: A Convenient and Effective Method To Synthesize CF ₃ -Containing Oxindoles Bearing a Quaternary Carbon Center. <i>Chemistry - A European Journal</i> , 2013, 19, 14039-14042.	1.7	236
4	A room temperature decarboxylation/C-H functionalization cascade by visible-light photoredox catalysis. <i>Chemical Communications</i> , 2013, 49, 5672.	2.2	236
5	When C-H bond functionalization meets visible-light photoredox catalysis. <i>Tetrahedron Letters</i> , 2014, 55, 36-48.	0.7	209
6	A general deoxygenation approach for synthesis of ketones from aromatic carboxylic acids and alkenes. <i>Nature Communications</i> , 2018, 9, 3517.	5.8	199
7	Visible-Light Photoredox-Catalyzed C-H Difluoroalkylation of Hydrazones through an Aminyl Radical/Polar Mechanism. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2939-2943.	7.2	176
8	Deoxygenative Deuteration of Carboxylic Acids with D ₂ O. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 312-316.	7.2	172
9	Visible light promoted carbodifluoroalkylation of allylic alcohols via concomitant 1,2-aryl migration. <i>Chemical Communications</i> , 2015, 51, 7222-7225.	2.2	146
10	Homolytic Cleavage of a B-B Bond by the Cooperative Catalysis of Two Lewis Bases: Computational Design and Experimental Verification. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5985-5989.	7.2	143
11	Chiral sensing for induced circularly polarized luminescence using an Eu(III)-containing polymer and d- or l-proline. <i>Chemical Communications</i> , 2013, 49, 5772.	2.2	134
12	A highly selective and sensitive polymer-based OFF-ON fluorescent sensor for Hg ²⁺ detection incorporating salen and perylenyl moieties. <i>Journal of Materials Chemistry</i> , 2012, 22, 478-482.	6.7	126
13	Circularly polarized luminescence of AIE-active chiral O-BODIPYs induced via intramolecular energy transfer. <i>Chemical Communications</i> , 2015, 51, 9014-9017.	2.2	124
14	Room temperature decarboxylative trifluoromethylation of α,β -unsaturated carboxylic acids by photoredox catalysis. <i>Chemical Communications</i> , 2014, 50, 2308-2310.	2.2	123
15	Synergistic Photoredox Catalysis and Organocatalysis for Inverse Hydroboration of Imines. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3990-3994.	7.2	121
16	A review of enantioselective dual transition metal/photoredox catalysis. <i>Science China Chemistry</i> , 2020, 63, 637-647.	4.2	120
17	Exploration of C-H Transformations of Aldehyde Hydrazones: Radical Strategies and Beyond. <i>Accounts of Chemical Research</i> , 2018, 51, 484-495.	7.6	106
18	A visible-light-promoted aerobic C-H/C-N cleavage cascade to isoxazolidine skeletons. <i>Chemical Science</i> , 2013, 4, 1281.	3.7	104

#	ARTICLE	IF	CITATIONS
19	Cooperative Au/Ag Dual-Catalyzed Cross-Dehydrogenative Biaryl Coupling: Reaction Development and Mechanistic Insight. <i>Journal of the American Chemical Society</i> , 2019, 141, 3187-3197.	6.6	101
20	Manganese-catalysed divergent silylation of alkenes. <i>Nature Chemistry</i> , 2021, 13, 182-190.	6.6	98
21	Cascade Photoredox/Iodide Catalysis: Access to Difluoro- β -lactams via Aminodifluoroalkylation of Alkenes. <i>Organic Letters</i> , 2016, 18, 3266-3269.	2.4	92
22	Aggregation-induced circularly polarized luminescence of an (R)-binaphthyl-based AIE-active chiral conjugated polymer with self-assembled helical nanofibers. <i>Polymer Chemistry</i> , 2015, 6, 2416-2422.	1.9	91
23	Synergistic Catalysis for the Umpolung Trifluoromethylthiolation of Tertiary Ethers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10357-10361.	7.2	91
24	Visible-Light-Induced Radical Tandem Aryldifluoroacetylation of Cinnamamides: Access to Difluoroacetylated Quinolone-2-ones And β -Azaspiro[4.5]decanes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3057-3063.	2.1	89
25	A Scalable, Efficient Gold-Catalyzed Oxidative Phosphonation of $C(sp^3)_2H$ Bonds using Air as Sustainable Oxidant. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1646-1650.	2.1	88
26	Regulating Circularly Polarized Luminescence Signals of Chiral Binaphthyl-Based Conjugated Polymers by Tuning Dihedral Angles of Binaphthyl Moieties. <i>Macromolecules</i> , 2016, 49, 5444-5451.	2.2	86
27	Microwave-assisted preparation of N-doped carbon dots as a biosensor for electrochemical dopamine detection. <i>Journal of Colloid and Interface Science</i> , 2015, 452, 199-202.	5.0	82
28	An Efficient Molybdenum(VI)-Catalyzed Direct Substitution of Allylic Alcohols with Nitrogen, Oxygen, and Carbon Nucleophiles. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 666-672.	1.2	80
29	Reversal Circularly Polarized Luminescence of AIE-Active Chiral Binaphthyl Molecules from Solution to Aggregation. <i>Chemistry - A European Journal</i> , 2015, 21, 13196-13200.	1.7	78
30	N-doped carbon dots synthesized by rapid microwave irradiation as highly fluorescent probes for Pb^{2+} detection. <i>New Journal of Chemistry</i> , 2015, 39, 3357-3360.	1.4	77
31	A tetraphenylethene-based chiral polymer: an AIE luminogen with high and tunable CPL dissymmetry factor. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4713.	2.7	76
32	Fe-promoted radical cyanomethylation/arylation of arylacrylamides to access oxindoles via cleavage of the $sp^3 C-H$ of acetonitrile and the $sp^2 C-H$ of the phenyl group. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 361-364.	1.5	71
33	Tetraethylammonium Bromide-Catalyzed Oxidative Thioesterification of Aldehydes and Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3558-3562.	2.1	68
34	A novel visible light mediated radical cyclization of enol lactones: a concise method for fluorinated polycyclic lactone scaffolds. <i>Chemical Communications</i> , 2015, 51, 13508-13510.	2.2	66
35	Strong and Reversible Circularly Polarized Luminescence Emission of a Chiral 1,8-Naphthalimide Fluorophore Induced by Excimer Emission and Orderly Aggregation. <i>Chemistry - A European Journal</i> , 2016, 22, 9519-9522.	1.7	66
36	Oxidative $C(sp^2)H$ Phosphonation of Aldehyde Hydrazones. <i>Organic Letters</i> , 2016, 18, 1143-1145.	2.4	65

#	ARTICLE	IF	CITATIONS
37	Strong circularly polarized luminescence induced from chiral supramolecular assembly of helical nanorods. <i>Chemical Communications</i> , 2017, 53, 7505-7508.	2.2	65
38	Upgrading ketone synthesis direct from carboxylic acids and organohalides. <i>Nature Communications</i> , 2020, 11, 3312.	5.8	65
39	Selective Hydroarylation of 1,3-Diynes Using a Dimeric Manganese Catalyst: Modular Synthesis of <i>Z</i> -Enynes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12906-12910.	7.2	63
40	Late-stage trifluoromethylthiolation of benzylic C-H bonds. <i>Nature Communications</i> , 2019, 10, 4867.	5.8	61
41	Highly selective synthesis of all-carbon tetrasubstituted alkenes by deoxygenative alkenylation of carboxylic acids. <i>Nature Communications</i> , 2022, 13, 10.	5.8	58
42	Three coordination polymers with helical chains based on methylenediisophthalic acid (H4MDIP). <i>CrystEngComm</i> , 2008, 10, 706.	1.3	56
43	A photoredox catalyzed radical-radical coupling reaction: facile access to multi-substituted nitrogen heterocycles. <i>Chemical Communications</i> , 2016, 52, 7596-7599.	2.2	56
44	Gold-Catalyzed Oxidative Biaryl Cross-Coupling of Organometallics. <i>CheM</i> , 2019, 5, 2718-2730.	5.8	56
45	Site-specific Umpolung amidation of carboxylic acids via triplet synergistic catalysis. <i>Nature Communications</i> , 2021, 12, 4637.	5.8	56
46	Copper-Catalyzed Cascade Phosphorylation Initiated Radical Cyclization: Access to 2-Phosphorylated Pyrrolo[1,2- <i>a</i>]indole. <i>Journal of Organic Chemistry</i> , 2017, 82, 2199-2204.	1.7	55
47	Photoredox-Catalyzed Hydroacylation of Olefins Employing Carboxylic Acids and Hydrosilanes. <i>Organic Letters</i> , 2017, 19, 3430-3433.	2.4	55
48	Relay Visible-Light Photoredox Catalysis: Synthesis of Pyrazole Derivatives via Formal [4 + 1] Annulation and Aromatization. <i>Organic Letters</i> , 2017, 19, 214-217.	2.4	55
49	Domino-Fluorination-Protodefluorination Enables Decarboxylative Cross-Coupling of β -Oxocarboxylic Acids with Styrene via Photoredox Catalysis. <i>Journal of Organic Chemistry</i> , 2017, 82, 9305-9311.	1.7	55
50	Synthesis and tunable chiroptical properties of chiral BODIPY-based β -conjugated polymers. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1076-1084.	2.7	54
51	Silver-Catalyzed Cascade Radical Cyclization: A Direct Approach to 3,4-Disubstituted Dihydroquinolin-2(1 <i>H</i>)-ones through Activation of the P-H Bond and Functionalization of the C(sp ²)-H Bond. <i>Journal of Organic Chemistry</i> , 2016, 81, 2122-2127.	1.7	52
52	Aza-BODIPY-based β -conjugated polymers with tunable band gap: synthesis and near-infrared emission. <i>Polymer Chemistry</i> , 2013, 4, 520-527.	1.9	51
53	Fluorescence Study of Chiral β -Ketoiminate-Based Newly Synthesized Boron Hybrid Polymers. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 358-364.	1.1	50
54	Catalytic Asymmetric Ring-Opening Reaction of <i>meso</i> -Epoxides with Aryl Selenols and Thiols Catalyzed by a Heterobimetallic Gallium-Titanium-Salen Complex. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 920-930.	2.1	49

#	ARTICLE	IF	CITATIONS
55	Polymer-based fluorescence sensors incorporating chiral binaphthyl and benzo[2,1,3]thiadiazole moieties for Hg ²⁺ detection. <i>Journal of Polymer Science Part A</i> , 2010, 48, 997-1006.	2.5	49
56	Deoxygenative Arylation of Carboxylic Acids by Aryl Migration. <i>Chemistry - A European Journal</i> , 2019, 25, 12724-12729.	1.7	47
57	Visible-light-induced three-component 1,2-difluoroalkylarylation of styrenes with α -carbonyl difluoroalkyl bromides and indoles. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1443-1446.	2.3	46
58	Cascade photoredox/gold catalysis: access to multisubstituted indoles via aminoarylation of alkynes. <i>Chemical Communications</i> , 2016, 52, 14400-14403.	2.2	46
59	Photoredox 1,2-dicarbonyl functionalization of unactivated alkenes via tandem radical difluoroalkylation and alkynyl migration. <i>Organic Chemistry Frontiers</i> , 2018, 5, 797-800.	2.3	46
60	Photoredox-Controlled α -Regioselective Radical Hydroboration of Activated Alkenes with NHC-Boranes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12817-12821.	7.2	46
61	Rhodium-Catalyzed Direct C7 Alkynylation of Indolines. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1149-1153.	2.1	45
62	Rh(III)-catalyzed double C-H activation of aldehyde hydrazones: a route for functionalized 1H-indazole synthesis. <i>Chemical Science</i> , 2017, 8, 1303-1308.	3.7	45
63	Syntheses and solid state structures of hybrid d ¹⁰ metal-organic frameworks based on methylenediisophthalic acid (H4MDIP). <i>CrystEngComm</i> , 2007, 9, 758.	1.3	44
64	Organocatalytic Enantioselective Sulfenylation of α -Keto Phosphonates: A Convenient Approach to Construct Hetero-Quaternary Stereocenters. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 545-549.	2.1	44
65	Photoredox and cobalt co-catalyzed C(sp ²)-H functionalization/C-O bond formation for synthesis of lactones under oxidant- and acceptor-free conditions. <i>Organic Chemistry Frontiers</i> , 2018, 5, 749-752.	2.3	44
66	The first example of enantioselective isocyanosilylation of meso epoxides with TMSCN catalyzed by novel chiral organogallium and indium complexes. Electronic supplementary information (ESI) available: Characterization data, chiral analysis and determination of absolute configuration. See http://www.rsc.org/suppdata/cc/b2/b212511k/ . <i>Chemical Communications</i> , 2003, , 692-693.	2.2	43
67	Syntheses, structures and properties of a series of organic-inorganic complexes based on methylenediisophthalic acid (H ₄ MDIP). <i>CrystEngComm</i> , 2008, 10, 207-216.	1.3	43
68	Metal-free tandem oxidative C(sp ³)-H bond functionalization of alkanes and dearomatization of N-phenyl-cinnamamides: access to alkylated 1-azaspiro[4.5]decanes. <i>Chemical Communications</i> , 2016, 52, 477-480.	2.2	43
69	Metal-Free Radical Oxidative Cyclization of α -Azidoaryl Acetylenic Ketones with Sulfinic Acids To Access Sulfone-Containing 4-Quinolones. <i>Journal of Organic Chemistry</i> , 2016, 81, 12181-12188.	1.7	42
70	Synergistic Photoredox Catalysis and Organocatalysis for Inverse Hydroboration of Imines. <i>Angewandte Chemie</i> , 2018, 130, 4054-4058.	1.6	42
71	In Situ Generated 1:1 Zn(II)-Containing Polymer Complex Sensor for Highly Enantioselective Recognition of N-Boc-Protected Alanine. <i>Macromolecules</i> , 2012, 45, 7835-7842.	2.2	40
72	Rhenium-Catalyzed Oxidative Cyanation of Tertiary Amines with TMSCN. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7286-7290.	1.2	39

#	ARTICLE	IF	CITATIONS
73	Red colored CPL emission of chiral 1,2-DACH-based polymers via chiral transfer of the conjugated chain backbone structure. <i>Polymer Chemistry</i> , 2015, 6, 6802-6805.	1.9	39
74	Photoredox Divergent 1,2-Difunctionalization of Alkenes with <i>gem</i> -Dibromides. <i>Organic Letters</i> , 2017, 19, 6452-6455.	2.4	39
75	Deoxygenative Deuteration of Carboxylic Acids with D ₂ O. <i>Angewandte Chemie</i> , 2019, 131, 318-322.	1.6	38
76	Rhenium-Catalyzed Acceptorless Dehydrogenative Coupling via Dual Activation of Alcohols and Carbonyl Compounds. <i>ACS Catalysis</i> , 2013, 3, 2195-2198.	5.5	37
77	CO-enabled rhenium hydride catalyst for directed C(sp ²)-H bond alkylation with olefins. <i>Organic Chemistry Frontiers</i> , 2015, 2, 378-382.	2.3	37
78	A Single Electron Transfer (SET) Approach to C-H Amidation of Hydrazones via Visible-Light Photoredox Catalysis. <i>Organic Letters</i> , 2016, 18, 5356-5359.	2.4	37
79	Electron Catalytic Photochemical Cascade Carbodifluoroalkylation/Radical Cyclization of Methyleneoxazolines. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1672-1677.	2.1	36
80	A highly selective decarboxylative deuteration of carboxylic acids. <i>Chemical Science</i> , 2021, 12, 5505-5510.	3.7	36
81	Photoinduced manganese-catalysed hydrofluorocarbofunctionalization of alkenes. , 2022, 1, 475-486.		36
82	Selective reduction of carboxylic acids to aldehydes with hydrosilane via photoredox catalysis. <i>Chemical Communications</i> , 2017, 53, 10228-10231.	2.2	35
83	The functionalization of a cascade of C(sp ²)-H/C(sp ³)-H bonds: synthesis of fused dihydropyrazoles via visible-light photoredox catalysis. <i>Chemical Communications</i> , 2016, 52, 11901-11904.	2.2	34
84	Photoredox-Catalyzed Deoxygenative Intramolecular Acylation of Biarylcarboxylic Acids: Access to Fluorenones. <i>Journal of Organic Chemistry</i> , 2017, 82, 12834-12839.	1.7	34
85	Monofluoromethylation of Tetrahydroisoquinolines by Visible-Light Induced Direct C(sp ³)-H Bond Activation. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1277-1282.	2.1	33
86	Reversal aggregation-induced circular dichroism from axial chirality transfer via self-assembled helical nanowires. <i>RSC Advances</i> , 2017, 7, 15851-15856.	1.7	33
87	Iron-catalyzed cascade cyanoalkylation/radical dearomatization of N-phenylcinnamamides: access to cyanoalkylated 1-azaspiro[4.5]decanes. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1272-1275.	2.3	33
88	The direct decarboxylative allylation of N-arylglycine derivatives by photoredox catalysis. <i>Organic Chemistry Frontiers</i> , 2017, 4, 525-528.	2.3	33
89	Amplification effect of circularly polarized luminescence induced from binaphthyl-based zinc(chiral coordination polymers). <i>Materials Chemistry Frontiers</i> , 2018, 2, 554-558.	3.2	33
90	Decarboxylative tandem C-N coupling with nitroarenes via SH2 mechanism. <i>Nature Communications</i> , 2022, 13, 2432.	5.8	32

#	ARTICLE	IF	CITATIONS
91	Copper-catalyzed Radical Silylation of Ynones with Silanes: En Route to Silyl-functionalized Indenones. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 4153-4157.	2.1	31
92	Synthesis and Fluorescence Properties of Chiral Near-infrared Emissive Polymers Incorporating BODIPY Derivatives and <i>trans</i> -BINAPHYL. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 2238-2245.	1.1	30
93	Circularly polarized luminescence of chiral 1,8-naphthalimide-based pyrene fluorophore induced via supramolecular self-assembly. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6030-6036.	2.7	30
94	Polymer-based colorimetric and off-fluorescence sensor incorporating benzo[2,1,3]thiadiazole moiety for Hg ²⁺ Detection. <i>Journal of Polymer Science Part A</i> , 2012, 50, 517-522.	2.5	29
95	A study on tunable AIE (AIEE) of boron ketoiminate-based conjugated polymers for live cell imaging. <i>Polymer Chemistry</i> , 2015, 6, 5070-5076.	1.9	29
96	Organocatalytic Asymmetric C-S Bond Formation: Synthesis of α -Methylene- β -mercapto Esters with Simple Alkyl Thiols. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3301-3306.	2.1	28
97	Selective Saccharide Recognition Using Modular Diboronic Acid Fluorescent Sensors. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1223-1229.	1.2	28
98	Imidazolium Ion-tagged Proline Organocatalyst for α -Aminoxylation of Aldehydes and Ketones in Ionic Liquids. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 108-112.	2.1	27
99	Near-infrared emission of novel bent-core V-shaped conjugated polymers based on the B,O-chelated azadipyromethene structure. <i>Polymer Chemistry</i> , 2013, 4, 4396.	1.9	27
100	[3+2] Cycloaddition of azide with aldehyde hydrazone through an aminyl radical-polar crossover strategy. <i>Chemical Communications</i> , 2017, 53, 1045-1047.	2.2	27
101	A highly regioselective sp ³ C-H amination of tertiary amides based on Fe(ii) complex catalysts. <i>RSC Advances</i> , 2012, 2, 6733.	1.7	26
102	Synthesis of cyclohexylidenehydrazine-fused polycyclics via a photocatalytic radical cascade reaction of 2-ethynylaldehyde hydrazones. <i>Chemical Communications</i> , 2017, 53, 2036-2039.	2.2	26
103	A coumarin-based chiral fluorescence sensor for the highly enantioselective recognition of phenylalaninol. <i>New Journal of Chemistry</i> , 2013, 37, 317-322.	1.4	24
104	(S)-BINOL-based boronic ester fluorescence sensors for enantioselective recognition of β -phenylethylamine and phenylglycinol. <i>RSC Advances</i> , 2014, 4, 5887.	1.7	24
105	The Au(iii)-catalyzed coupling reactions between alcohols and N-heterocycles via C-H bond activation. <i>RSC Advances</i> , 2012, 2, 10496.	1.7	23
106	A helical chiral polymer-based chiro-fluorescence and CD response sensor for selective detection of trivalent cations. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4070-4075.	2.5	21
107	Organocatalytic Asymmetric Allylic Alkylation of Morita-Baylis-Hillman Carbonates with Phosphorus Ylides: Synthesis of Chiral β -substituted 2,4-functionalized 1,4-pentadienes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6241-6245.	1.2	21
108	Harnessing sunlight without a photosensitizer for highly efficient consecutive [3+2]/[4+2] annulation to synthesize fused benzobicyclic skeletons. <i>Chemical Communications</i> , 2017, 53, 10707-10710.	2.2	20

#	ARTICLE	IF	CITATIONS
109	Synergistic Catalysis for the Umpolung Trifluoromethylthiolation of Tertiary Ethers. <i>Angewandte Chemie</i> , 2018, 130, 10514-10518.	1.6	19
110	Dinuclear gold-catalyzed C-H bond functionalization of cyclopropenes. <i>Science China Chemistry</i> , 2021, 64, 1958-1963.	4.2	18
111	Decarboxylative Acylation of Carboxylic Acids: Reaction Investigation and Mechanistic Study. <i>CCS Chemistry</i> , 2022, 4, 2469-2480.	4.6	18
112	CPL emission of chiral BINOL-based polymers via chiral transfer of the conjugated chain backbone structure. <i>RSC Advances</i> , 2015, 5, 105851-105854.	1.7	17
113	<i>In Situ</i> Formed Bifunctional Primary Amine-Imine Catalyst: Application to the Construction of Chiral Tertiary Alcohols through Asymmetric Aldol-Type Reaction. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2029-2036.	2.1	16
114	Enantioselective sulfenylation of β -nitroesters catalyzed by diarylprolinols. <i>Tetrahedron Letters</i> , 2014, 55, 387-389.	0.7	16
115	Relay photocatalytic cascade reactions: synthesis of indolo[2,1- <i>a</i>]isoquinoline derivatives via double C(sp ³)-H bond functionalization. <i>Chemical Communications</i> , 2018, 54, 1655-1658.	2.2	16
116	Sustainable C(sp ³)-H Bond Functionalization. <i>Springer Briefs in Molecular Science</i> , 2016, , .	0.1	15
117	Photoredox/nickel-catalyzed hydroacylation of ethylene with aromatic acids. <i>Chemical Communications</i> , 2021, 57, 9064-9067.	2.2	15
118	Tuning chromaticity based on energy transfer from the conjugated polymer to the Eu(TTA) ₃ moiety. <i>Polymer Chemistry</i> , 2012, 3, 2578.	1.9	14
119	Photoredox organocatalytic β -amino C(sp ³)-H functionalization for the synthesis of 5-membered heterocyclic β -amino acid derivatives. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2433-2436.	2.3	14
120	Chiral sensing of Eu(III)-containing achiral polymer complex from chiral amino acids coordination induction. <i>Journal of Polymer Science Part A</i> , 2014, 52, 3080-3086.	2.5	13
121	Manganese-Catalyzed Anti-Markovnikov Hydroarylation of Enamides: Modular Synthesis of Arylethylamines. <i>Chinese Journal of Chemistry</i> , 0, , .	2.6	13
122	Photoredox radical borylation of electron-deficient alkenes with NHC-boranes. <i>Chemical Communications</i> , 2020, 56, 15647-15650.	2.2	12
123	A novel low-bandgap conjugated polymer based on Ru(II) bis(acetylide) complex and BODIPY moieties. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1686-1692.	2.5	10
124	Thiocarbamoyl Fluoride Synthesis by Deconstructive Diversification of Arylated Tetrahydroisoquinolines. <i>Journal of Organic Chemistry</i> , 2021, 86, 12443-12451.	1.7	10
125	Gold-Catalyzed Direct Indolation of Tetrahydroisoquinolines. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2741-2746.	2.6	9
126	Carbon-Halogen bond cleavage reaction catalyzed by organoyttrium hydride (in situ) and lanthanide alkoxides. <i>Applied Organometallic Chemistry</i> , 1995, 9, 457-460.	1.7	7

#	ARTICLE	IF	CITATIONS
127	Utilization of organogallium and organoindium compounds as alkylation reagents in organic synthesis: the addition of trialkylgallium and trialkylindium to aldehydes catalyzed by Lewis acids. <i>Applied Organometallic Chemistry</i> , 2005, 19, 898-902.	1.7	7
128	â€Clickâ€™-BINOL based chiral ionic polymers for highly enantioselective recognition of tryptophan anions. <i>Polymer Chemistry</i> , 2014, 5, 5218.	1.9	6
129	Nickel-catalyzed Thioester Transfer Reaction with sp ² -Hybridized Electrophiles. <i>Journal of Organic Chemistry</i> , 2022, 87, 10003-10017.	1.7	6
130	Central-to-Axial Chirality Transfer-Induced CD Sensor for Chiral Recognition and <i>ee</i> Value Detection of 1,2-DACH Enantiomers. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1925-1929.	1.1	5
131	Direct Deoxygenative Intramolecular Acylation of Biarylcarboxylic Acids. <i>Synlett</i> , 2021, 32, 387-390.	1.0	5
132	Isoquinoline-catalyzed addition of 2-bromo-1-aryl-1-ethanone to dialkyl azodicarboxylate: synthesis of trialkyl 2-[(1E)-N-(alkoxycarbonyl)-2-aryl-2-oxoethanehydrazono]hydrazine-1,1,2-tricarboxylate. <i>Monatshefte für Chemie</i> , 2012, 143, 255-262.	0.9	3
133	Synthesis of Novel 1,4-Bissulfonamide Ligands for Enantioselective Addition of Diethylzinc to Aldehydes. <i>Chinese Journal of Chemistry</i> , 2011, 29, 1697-1702.	2.6	2
134	Synthesis and Characterization of 2-Alkylbenzotriazole-Based Donor-â€™-Acceptor-Type Copolymers. <i>Synlett</i> , 2013, 24, 1505-1508.	1.0	2
135	The first example of enantioselective isocyanosilylation of meso epoxides with TMSCN catalyzed by novel chiral organogallium and indium complexes. <i>Chemical Communications</i> , 2003, , 692-3.	2.2	1