

Wei-Dong Rao

List of Publications by Year in descending order

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46
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128
all docs

128
docs citations

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1836
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#	ARTICLE	IF	CITATIONS
1	Gold-Catalyzed Cycloisomerization Reactions of α -Tosylaminophenylprop-1-yn-3-ols as a Versatile Approach for Indole Synthesis. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4619-4623.	7.2	123
2	Gold-Catalyzed Cycloisomerization of 1,6-Diyne Carbonates and Esters to 2,4a-Dihydro-1 <i>H</i> -fluorenes. <i>Journal of the American Chemical Society</i> , 2013, 135, 7926-7932.	6.6	122
3	Gold-Catalyzed Tandem 1,3-Migration/[2 + 2] Cycloaddition of 1,7-Enyne Benzoates to Azabicyclo[4.2.0]oct-5-enes. <i>Journal of the American Chemical Society</i> , 2011, 133, 15248-15251.	6.6	112
4	Ligand-Controlled Product Selectivity in Gold-Catalyzed Double Cycloisomerization of 1,11-Dien-3,9-Diyne Benzoates. <i>Journal of the American Chemical Society</i> , 2015, 137, 6350-6355.	6.6	102
5	Gold-Catalyzed Cycloisomerization of 1,7-Diyne Benzoates to Indeno[1,2- <i>c</i>]azepines and Azabicyclo[4.2.0]octa-1(8),5-dienes. <i>Journal of the American Chemical Society</i> , 2012, 134, 10811-10814.	6.6	96
6	Broadly Applicable Directed Catalytic Reductive Difunctionalization of Alkenyl Carbonyl Compounds. <i>Chem</i> , 2020, 6, 738-751.	5.8	88
7	Gold-catalysed allylic alkylation of aromatic and heteroaromatic compounds with allylic alcohols. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2426.	1.5	85
8	Gold-Catalyzed Tandem Intramolecular Heterocyclization/Petasis-Ferrier Rearrangement of α -(Prop-2-ynoxy)benzaldehydes as an Expedient Route to Benzo[<i>b</i>]oxepinones. <i>Chemistry - A European Journal</i> , 2011, 17, 1437-1441.	1.7	65
9	Nickel-Catalyzed Defluorinative Reductive Cross-Coupling Reaction of <i>gem</i> -Difluoroalkenes with Thiosulfonate or Selenium Sulfonate. <i>Journal of Organic Chemistry</i> , 2019, 84, 11542-11552.	1.7	65
10	Gold- and Silver-Catalyzed Tandem Amination/Ring Expansion of Cyclopropyl Methanols with Sulfonamides as an Expedient Route to Pyrrolidines. <i>Chemistry - A European Journal</i> , 2008, 14, 10486-10495.	1.7	62
11	Ga(OTf) ₃ -Catalyzed Temperature-Controlled Regioselective Friedel-Crafts Alkylation of Trifluoromethylated 3-Indolylmethanols with 2-Substituted Indoles: Divergent Synthesis of Trifluoromethylated Unsymmetrical 3,3'- and 3,6'-Bis(indolyl)methanes. <i>Organic Letters</i> , 2019, 21, 3396-3401.	2.4	61
12	Iodine-catalyzed allylation of 1,3-dicarbonyl compounds with allylic alcohols at room temperature. <i>Tetrahedron Letters</i> , 2008, 49, 122-126.	0.7	57
13	Alkyl halides as both hydride and alkyl sources in catalytic regioselective reductive olefin hydroalkylation. <i>Nature Communications</i> , 2020, 11, 5857.	5.8	56
14	Gold-Catalyzed Cycloisomerization of 1,7-Enyne Esters to Structurally Diverse <i>cis</i> -1,2,3,6-Tetrahydropyridin-4-yl Ketones. <i>Journal of Organic Chemistry</i> , 2013, 78, 3183-3195.	1.7	55
15	Gold-Catalyzed Domino Aminocyclization/1,3-Sulfonyl Migration of <i>N</i> -Substituted <i>N</i> -Sulfonyl-aminobut-3-yn-2-ols to 1-Substituted 3-Sulfonyl-1 <i>H</i> -pyrroles. <i>Journal of Organic Chemistry</i> , 2013, 78, 7508-7517.	1.7	54
16	Iodine-catalyzed allylic alkylation of sulfonamides and carbamates with allylic alcohols at room temperature. <i>Tetrahedron Letters</i> , 2008, 49, 2620-2624.	0.7	53
17	Ytterbium(III) Triflate-Catalyzed Amination of 1-Cyclopropylprop-2-yn-1-ols as an Expedient Route to Conjugated Enynes. <i>Journal of Organic Chemistry</i> , 2009, 74, 1740-1743.	1.7	53
18	Gold-Catalyzed [2+2+1] Cycloaddition of 1,6-Diyne Carbonates and Esters with Aldehydes to 4a-(Cyclohexa-1,3-dienyl)-1,3-dioxolanes. <i>Chemistry - A European Journal</i> , 2014, 20, 713-718.	1.7	50

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19	Gold-Catalyzed Cycloisomerization of 1,6,8-Dienyne Carbonates and Esters to <i>cis</i> -Cyclohepta[4,8-diene]-Fused Pyrrolidines. <i>Chemistry - A European Journal</i> , 2014, 20, 13174-13180.	1.7	49
20	Iron(III) chloride-catalysed direct nucleophilic \pm -substitution of Morita-Baylis-Hillman alcohols with alcohols, arenes, 1,3-dicarbonyl compounds, and thiols. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4186.	1.5	47
21	Rapid Access to Halohydrofurans via Brønsted Acid-Catalyzed Hydroxylation/Halocyclization of Cyclopropyl Methanols with Water and Electrophilic Halides. <i>Journal of Organic Chemistry</i> , 2011, 76, 2521-2531.	1.7	44
22	Cyclopropyl Carbinol Rearrangement for Benzo-Fused Nitrogen Ring Synthesis. <i>Chemistry - A European Journal</i> , 2011, 17, 10081-10088.	1.7	43
23	Gold-Catalyzed Cycloisomerization of 1,6-Diyne Esters to 1 <i>H</i> -Cyclopenta[<i>b</i>]naphthalenes, <i>cis</i> -Cyclopenten-2-yl β -Diketones, and Bicyclo[3.2.0]hepta-1,5-dienes. <i>Journal of Organic Chemistry</i> , 2014, 79, 11301-11315.	1.7	39
24	Metal-Free Chemoselective Reaction of Sulfoxonium Ylides and Thiosulfonates: Diverse Synthesis of 1,4-Diketones, Aryl Sulfursulfoxonium Ylides, and β -Keto Thiosulfones Derivatives. <i>Organic Letters</i> , 2020, 22, 6600-6604.	2.4	38
25	Gold-Catalyzed Tandem 1,3-Migration/Double Cyclopropanation of 1-Ene-4, <i>n</i> -diyne Esters to Tetracyclodecene and Tetracycloundecene Derivatives. <i>Organic Letters</i> , 2016, 18, 4730-4733.	2.4	36
26	Gold- and silver-catalyzed allylic alkylation of 1,3-dicarbonyl compounds with allylic alcohols. <i>Tetrahedron</i> , 2009, 65, 1833-1838.	1.0	35
27	Palladium-Catalyzed One-Pot Synthesis of C2-Quaternary Indolin-3-ones via 1 <i>H</i> -indole- β -sulfonates Generated in Situ from α -Alkynyl Arylazides and Sulfonic Acids. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 4147-4152.	2.1	35
28	A trisulfur radical anion (S_3^{3-}) involved sulfur insertion reaction of 1,3-enynes: sulfide sources control chemoselective synthesis of 2,3,5-trisubstituted thiophenes and 3-thienyl disulfides. <i>Chemical Communications</i> , 2019, 55, 7808-7811.	2.2	35
29	Gold-Catalyzed Cycloisomerization and Diels-Alder Reaction of 1,4,9-Dienyne Esters to 3- <i>a</i> -Methanoisindole Esters with Pro-inflammatory Cytokine Antagonist Activity. <i>Chemistry - A European Journal</i> , 2015, 21, 9111-9118.	1.7	34
30	Three-component heteroannulation for tetrasubstituted furan construction enabled by successive defluorination and dual sulfonylation relay. <i>Green Chemistry</i> , 2021, 23, 935-941.	4.6	34
31	Efficient preparation of unsymmetrical disulfides by nickel-catalyzed reductive coupling strategy. <i>Nature Communications</i> , 2022, 13, 2588.	5.8	33
32	Gold-Catalyzed Benzannulation of 5-Hydroxy-3-oxoalk-6-ynoate Esters to <i>o</i> -Phenolic Esters. <i>Organic Letters</i> , 2014, 16, 1248-1251.	2.4	30
33	Copper(II) Triflate-Catalyzed Intramolecular Hydroamination of Homoallylic Amino Alcohols as an Expedient Route to <i>trans</i> -2,5-Dihydro-1 <i>H</i> -pyrroles and 1,2-Dihydroquinolines. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 2521-2530.	2.1	29
34	Gold-Catalyzed Sequential Cyclization of 1 <i>E</i> ,9-Diyne Esters to Partially Hydrogenated 3 <i>H</i> -Dicyclopenta[<i>a</i> , <i>b</i>]naphthalenes. <i>Chemistry - A European Journal</i> , 2016, 22, 6532-6536.	1.7	28
35	Selective Quadruple C(sp ³)-F Functionalization of Polyfluoroalkyl Ketones. <i>IScience</i> , 2020, 23, 101259.	1.9	27
36	Copper(II)-Mediated Ring Opening/Alkynylation of Tertiary Cyclopropanols by Using Nonmodified Terminal Alkynes. <i>Organic Letters</i> , 2020, 22, 5456-5461.	2.4	27

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37	Palladium-catalyzed direct reductive cross-coupling of aryltrimethylammonium salts with aryl bromides. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4865-4870.	2.3	26
38	Visible-Light-Promoted Cross-Coupling Reactions of Aryldiazonium Salts with <i>i>S</i>-Methyl-<i>d</i><sup>3</sup></i> Sulfonylthioate or <i>i>Se</i>-Methyl-<i>d</i><sup>3</sup></i> Selenium Sulfonate: Synthesis of Trideuteromethylated Sulfides, Sulfoxides, and Selenides. <i>Organic Letters</i>, 2020, 22, 9128-9132.</i></i>	2.4	25
39	Nickel-Catalyzed Direct Cross-Coupling of Aryl Sulfonium Salt with Aryl Bromide. <i>Organic Letters</i> , 2022, 24, 1953-1957.	2.4	25
40	Nickel-catalyzed direct cross-coupling of heterocyclic phosphonium salts with aryl bromides. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6931-6936.	2.3	24
41	Synthesis of di(hetero)aryl sulfides by defluorinative sulfenylation of polyfluoroalkyl ketones with sodium sulfinates or arylsulfonyl chlorides. <i>Chemical Communications</i> , 2020, 56, 8699-8702.	2.2	23
42	Visible-Light-Triggered Sulfonylation/Aryl Migration/Desulfonylation and C-S/Se Bond Formation Reaction: 1,2,4-Trifunctionalization of Butenyl Benzothiazole Sulfone with Thiosulfonate/Selenosulfonates. <i>Organic Letters</i> , 2021, 23, 8246-8251.	2.4	23
43	Discovery of a small-molecule inhibitor of STAT3 by ligand-based pharmacophore screening. <i>Methods</i> , 2015, 71, 38-43.	1.9	22
44	Synthesis of highly substituted indene derivatives by Brønsted acid catalyzed Friedel-Crafts reaction of homoallylic alcohols. <i>Tetrahedron Letters</i> , 2014, 55, 3881-3884.	0.7	21
45	Pd-Catalyzed One-Pot Insertion Reaction of Cyclic <i>C</i>-Acylimines into Carbon-Carbon <i>C-C</i> Bonds for the Synthesis of Polyfunctional Indolinones from <i>2-Alkynyl Arylazides</i> and Aryl Ketones. <i>Advanced Synthesis and Catalysis</i>, 2019, 361, 201-207.</i>	2.1	20
46	Synthesis of (<i>Z</i>)-1,2-dihydro-1-tosylbenzo[<i>b</i>]azepin-3-ones by two-step, one-pot gold-catalyzed tandem heterocyclization/Petasis-Ferrier rearrangement of 2-(<i>N</i> -(prop-2-ynyl)- <i>N</i> -tosylamino)benzaldehydes. <i>Tetrahedron</i> , 2013, 69, 5558-5565.	1.0	19
47	Gold-catalyzed formation of indole derivatives from 2-alkynyl arylazides and oxygen-containing heterocycles. <i>RSC Advances</i> , 2016, 6, 56319-56322.	1.7	19
48	Chemoselective and Regioselective Ring Construction Driven by Visible-Light Photoredox Catalysis: an Access to Fluoroalkylated Oxazolidines Featuring an All-Substituted Carbon Stereocenter. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4082-4090.	2.1	19
49	Gold Catalyzed Cyclopropanation/[5+3] Cycloaddition of 1,4- and 1,4,10-Allenynes to Bicyclo[3.3.1]nonane Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1084-1095.	2.1	19
50	Iron(0)-Mediated Reformatsky Reaction for the Synthesis of β -Hydroxyl Carbonyl Compounds. <i>Organic Letters</i> , 2019, 21, 5873-5878.	2.4	18
51	Lead-Mediated Highly Diastereoselective Allylation of Aldehydes with Cyclic Allylic Halides. <i>Journal of Organic Chemistry</i> , 2019, 84, 5348-5356.	1.7	18
52	Synthesis of Polycyclic Furan and Chromene Derivatives <i>via</i> Cascade Reactions Enabled by Cleavage of Multiple C(sp ³) ³ -F Bonds. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 4736-4743.	2.1	18
53	Metal-Free Synthesis of <i>N</i> -(Carboselenoate) Benzimidazolones by Cascade Cyclization of <i>ortho</i> -Diisocyanoarenes and Selenosulfonates. <i>Organic Letters</i> , 2019, 21, 7687-7691.	2.4	17
54	Catalytic Enantioselective [2+2] Cycloaddition of α -Halo Acroleins: Construction of Cyclobutanes Containing Two Tetrasubstituted Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21890-21894.	7.2	17

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55	DBSA-Catalyzed Regioselective Dehydrative Friedel-Crafts Arylation of CF ₃ -Containing 3-Indolyl(2-thiophenyl)methanols with 2-Substituted Indoles in Water. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1514-1524.	2.1	17
56	Silica Gel Mediated Friedel-Crafts Alkylation of 3-Indolylmethanols with Indoles: Synthesis of Unsymmetrical Bis(3-Indolyl)methanes. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2266-2271.	1.2	16
57	Gold-Catalyzed Chemoselective Synthesis of Heterocycles from 3-(2-Azidophenyl)prop-1-yn-1-ols and Aldehydes. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4265-4268.	1.2	15
58	Gold-Catalyzed Dehydrogenative Cycloisomerization of 1,4-Enyne Esters to 3,5-Disubstituted Phenol Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 4359-4368.	2.1	15
59	Synthesis of 1H-indole-3-sulfonates via palladium-catalyzed tandem reactions of 2-alkynyl arylazides with sulfonic acids. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6080-6083.	1.5	15
60	Gold(I)-Catalyzed Tandem Cycloisomerization and Fluorination of 1,3(4)-Enyne Esters with NFSI: One-Pot Assembly of 5-Fluoro-Cyclopentenones. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3700-3708.	2.1	15
61	Iron-mediated highly diastereoselective allylation of carbonyl compounds with cyclic allylic halides. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1581-1586.	2.3	15
62	Indium-mediated difunctionalization of iodoalkyl-tethered unactivated alkenes <i>via</i> an intramolecular cyclization and an ensuing palladium-catalyzed cross-coupling reaction with aryl halides. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2703-2709.	2.3	15
63	Palladium-catalyzed defluorinative alkynylation of polyfluoroalkyl ketones with alkynes for the synthesis of fluorinated fused furans. <i>Organic Chemistry Frontiers</i> , 2021, 8, 572-578.	2.3	13
64	Unexpected iron(III) chloride-catalysed dimerisation of 1,1,3-trisubstituted-prop-2-yn-1-ols as an expedient route to highly conjugated indenenes. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4016.	1.5	12
65	Transition-Metal-Free Decarboxylative Cyclization of <i>N</i> -Arylacrylamides with 2,2-Difluoro-2-(phenylthio)acetic Acid: Synthesis of Thiodifluorooxindole Derivatives. <i>Journal of Organic Chemistry</i> , 2021, 86, 8437-8447.	1.7	12
66	Gold-Catalyzed Cycloisomerization-Halogenation Sequence of 1,3-Enyne Esters with NXS: Efficient Synthesis of 5-Bromo/Iodo Cyclopentenones. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 999-1007.	1.2	11
67	Copper-Catalyzed Chemoselective Cyclization Reaction of 2-Isocyanoacetophenone: Synthesis of 4-Hydroxyquinoline Compounds. <i>Journal of Organic Chemistry</i> , 2020, 85, 1279-1284.	1.7	11
68	Defluorinative phosphorylation of perfluoroalkyl ketones: synthesis of fluoroalkylated and phosphorylated furan derivatives. <i>Organic Chemistry Frontiers</i> , 2021, 8, 1503-1509.	2.3	11
69	Nickel-Catalyzed Reductive Thiolation of Unactivated Alkyl Bromides and Arenesulfonyl Cyanides. <i>Journal of Organic Chemistry</i> , 2021, 86, 8970-8979.	1.7	11
70	A Ni(<i>scpd</i>)-catalyzed reductive cross-coupling reaction of oxalates and thiosulfonates/selenosulfonates. <i>Organic Chemistry Frontiers</i> , 2022, 9, 731-736.	2.3	11
71	Stereoselective synthesis of <i>trans</i> - α -ketohydrazones from silyl enol ethers mediated by iodobenzene diacetate. <i>Tetrahedron Letters</i> , 2007, 48, 3789-3792.	0.7	9
72	Stereoselective synthesis of fluoroalkylated (<i>Z</i>)-alkene <i>via</i> nickel-catalyzed and iron-mediated hydrofluoroalkylation of alkynes. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6377-6383.	2.3	9

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73	Fe ^{II} S Catalyst Generated In Situ from Fe(III)- and S ₃ -Promoted Aerobic Oxidation of Terminal Alkenes. <i>Organic Letters</i> , 2021, 23, 4705-4709.	2.4	9
74	Visible-light-promoted denitrogenative ortho-selenylation reaction of benzotriazinones: synthesis of ortho-selenylated benzamides and ebselen analogs. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2418-2423.	2.3	9
75	Sc(OTf) ₃ -Catalyzed C2-Selective Cyanation/Defluorination Cascade of Perfluoroalkylated 3-Indolylmethanols and Application to the Synthesis of 3-Fluoro(perfluoroalkyl)- ^{1,2} -carbolines. <i>Organic Letters</i> , 2021, 23, 7666-7671.	2.4	8
76	Pd-Catalyzed One-Pot Two-Step Synthesis of 2-(1-H-indol-3-yl)-2-phenylindolin-3-ones from 2-Alkynyl Arylazides and Indoles. <i>ChemistrySelect</i> , 2018, 3, 11696-11699.	0.7	7
77	Selective C(³) ^H Functionalization of Alkyl Esters with N-S-O Nucleophiles Using Perfluoroalkyl Iodide as Oxidant. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3388-3394.	2.1	7
78	Synthesis of 2-Phosphoryl-3-Monofluorovinylindoles under Catalyst- and Additive-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3496-3501.	2.1	7
79	Cobalt-catalyzed cross-coupling of nitrogen-containing heterocyclic phosphonium salts with arylmagnesium reagents. <i>Tetrahedron Letters</i> , 2022, 92, 153662.	0.7	7
80	Catalyst- and additive-free Baeyer-Villiger-type oxidation of α -iodocyclopentenones to α -pyrones: using air as the oxidant. <i>Green Chemistry</i> , 2019, 21, 5611-5615.	4.6	6
81	Synthesis and Biological Activity of Novel Pinanyl Pyrazole Acetamide Derivatives. <i>Chinese Journal of Organic Chemistry</i> , 2017, 37, 218.	0.6	6
82	THF-enabled PtBr ₂ -catalyzed desymmetric hydrogenative [3 + 2] cycloaddition of 2-alkynylbenzaldehyde-tethered cyclohexadienones. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3577-3584.	2.3	6
83	Gold-Catalyzed Sequential Cycloisomerization of 1,3,9-Enealleneynes to Fused Spirocarbocycles. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5227-5233.	1.2	5
84	Gold- and Brønsted Acid-Catalysed Deacyloxylation Cycloaromatization of 1,6-Diyne Esters to 11-H-benzo[<i>a</i>]fluorenes and 13-H-indeno[1,2- <i>kl</i>]phenanthrenes. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1313-1318.	2.1	5
85	Iodine-Catalyzed Allylic Alkylation of Thiols with Allylic Alcohols. <i>Synlett</i> , 2008, 2008, 2204-2208.	1.0	4
86	Bismuth trichloride-catalyzed oxy-Michael addition of water and alcohol to α,β -unsaturated ketones. <i>Chinese Chemical Letters</i> , 2020, 31, 1297-1300.	4.8	4
87	Catalytic Enantioselective [2+2] Cycloaddition of α -Halo Acroleins: Construction of Cyclobutanes Containing Two Tetrasubstituted Stereocenters. <i>Angewandte Chemie</i> , 2020, 132, 22074-22078.	1.6	4
88	Progress of Nucleophilic Substitution of Allylic Alcohols. <i>Chinese Journal of Organic Chemistry</i> , 2015, 35, 2049.	0.6	4
89	Iron(0)-Mediated Henry-Type Reaction of Bromonitromethane with Aldehydes for the Efficient Synthesis of 2-Nitro-alkan-1-ols. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 235.	0.6	4
90	Palladium-catalyzed cross-coupling of alkyliindium reagent with diaryliodonium salt. <i>Tetrahedron Letters</i> , 2022, 95, 153729.	0.7	4

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91	Cesium carbonate-catalyzed indium insertion into alkyl iodides and their synthetic utilities in cross-coupling reactions. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5110.	1.7	3
92	Copper(II)-catalyzed preparation of alkylindium compounds and applications in cross-coupling reactions both in aqueous media. <i>Tetrahedron Letters</i> , 2019, 60, 151288.	0.7	3
93	An efficient Bi/NH ₄ I-mediated addition reaction for the highly diastereoselective synthesis of homoallylic alcohols in aqueous media. <i>Chinese Chemical Letters</i> , 2020, 31, 391-395.	4.8	3
94	Nal/TBHP-promoted reaction of indole-2-thiones with arylsulfonyl hydrazides: construction of achiral axial 3,3-biindole-2,2-dibenzenesulfonothioate derivatives. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5383-5388.	2.3	3
95	Catalytic Diastereoselective Hetero-Diels-Alder Reaction of α -Haloacroleins with Alkenes: Construction of 3,4-Dihydropyran. <i>Organic Letters</i> , 2022, 24, 2115-2119.	2.4	3
96	Pharmacophore modeling for the identification of small-molecule inhibitors of TACE. <i>Methods</i> , 2015, 71, 92-97.	1.9	2
97	Cobalt(II)-catalyzed preparation of alkylindium reagents and applications in cross-coupling with aryl halides. <i>Catalysis Communications</i> , 2019, 132, 105824.	1.6	2
98	An efficient synthesis of 4,5-diaryl-3,4-dihydropyrimidin-2(1H)-one via a cesium carbonate-promoted direct condensation of 1-aryl-2-propanone with 1,1-(arylmethylene)diurea. <i>RSC Advances</i> , 2020, 10, 30062-30068.	1.7	2
99	Iron(III)-catalyzed difluoroalkylation of aryl alkynes with difluoroenol silyl ether in the presence of trimethylsilyl chloride. <i>Advanced Synthesis and Catalysis</i> , 0, , .	2.1	2
100	Triflic Acid-Catalyzed Tandem Reactions of Cyclopropyl Alcohols with Sulfonamides for the Synthesis of Pyrrolidines. <i>Chinese Journal of Organic Chemistry</i> , 2015, 35, 1500.	0.6	1