

Iodine(III) Reagents in Radical Chemistry

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Citation Report

#	ARTICLE	IF	CITATIONS
1	An Intermolecular Azidoheteroarylation of Simple Alkenes via Free-Radical Multicomponent Cascade Reactions. <i>Organic Letters</i> , 2017, 19, 5649-5652.	2.4	74
2	1-Trifluoromethylisoquinolines from \hat{I}^{\pm} -Benzylated Tosylmethyl Isocyanide Derivatives in a Modular Approach. <i>Organic Letters</i> , 2017, 19, 5701-5704.	2.4	30
3	Benziiodoxole Triflate as a Versatile Reagent for Iodo(III)cyclization of Alkynes. <i>Chemistry - an Asian Journal</i> , 2017, 12, 3123-3127.	1.7	27
4	Iodosylbenzene-Pseudohalide-Based Initiators for Radical Polymerization. <i>Journal of Organic Chemistry</i> , 2017, 82, 11806-11815.	1.7	7
5	Organocatalytic \hat{I}^2 -Azidation of Enones Initiated by an Electron-Donorâ€“Acceptor Complex. <i>Organic Letters</i> , 2017, 19, 5482-5485.	2.4	31
6	Atomâ€“Transfer Radical Addition to Unactivated Alkenes by using Heterogeneous Visibleâ€“Light Photocatalysis. <i>ChemSusChem</i> , 2017, 10, 4461-4464.	3.6	26
7	Metal-free intermolecular cyclopropanation between alkenes and iodonium ylides mediated by $\text{PhI}(\text{OAc})_2 \cdot \text{t-Bu}_4\text{NI}$. <i>Chemical Communications</i> , 2017, 53, 9004-9007.	2.2	39
8	Hypervalent Iodine Mediated Chemoselective Iodination of Alkynes. <i>Journal of Organic Chemistry</i> , 2017, 82, 11865-11871.	1.7	25
9	Iodobenzene-Catalyzed <i>ortho</i> -Dearomatization and Aromatization-Triggered Rearrangement of 2-Allylanilines: Construction of Indolin-3-ylmethanols with High Diastereoselectivities. <i>Organic Letters</i> , 2017, 19, 6478-6481.	2.4	15
10	Regio- and Stereoselective Iron-Catalyzed Oxyazidation of Enamides Using a Hypervalent Iodine Reagent. <i>Chemistry - A European Journal</i> , 2017, 23, 17674-17677.	1.7	31
11	Photoredox Divergent 1,2-Difunctionalization of Alkenes with <i>gem</i> -Dibromides. <i>Organic Letters</i> , 2017, 19, 6452-6455.	2.4	39
12	$\text{Co}(\text{OAc})_2$ -Catalyzed Trifluoromethylation and C(3)-Selective Arylation of 2-(Propargylamino)pyridines via a 6- <i>endo</i> -Dig Cyclization. <i>Organic Letters</i> , 2017, 19, 6052-6055.	2.4	34
13	A metal-free direct C(sp ³)â€“H cyanation reaction with cyanobenziiodoxolones. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1971-1975.	1.5	27
14	Site-selective synthesis of functionalized dibenzo[<i>fh</i>]quinolines and their derivatives involving cyclic diaryliodonium salts <i>via</i> a decarboxylative annulation strategy. <i>Chemical Communications</i> , 2018, 54, 3239-3242.	2.2	40
15	Synthesis of Functionalized Triphenylenes via a Traceless Directing Group Strategy. <i>Organic Letters</i> , 2018, 20, 1491-1495.	2.4	49
16	Visible-Light Photoredox Decarboxylation of Perfluoroarene Iodine(III) Trifluoroacetates for Câ€“H Trifluoromethylation of (Hetero)arenes. <i>ACS Catalysis</i> , 2018, 8, 2839-2843.	5.5	106
17	Catalytic, metal-free sulfonylcyanation of alkenes <i>via</i> visible light organophotoredox catalysis. <i>Chemical Communications</i> , 2018, 54, 3162-3165.	2.2	35
18	$\text{PhI}(\text{OAc})_2$ -mediated dearomative Câ€“N coupling: facile construction of the spiro[indoline-3,2â€“pyrrolidine] skeleton. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2039-2042.	1.5	16

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20	Graphene Oxideâ€”Supported Hypervalent Organoiodine (III): Recyclable Reagent for Selective and Metalâ€”Free Oxidation of Alcohols. <i>ChemistrySelect</i> , 2018, 3, 3394-3399.	0.7	8
21	Sigmatropic Rearrangements of Hypervalentâ€”Iodineâ€”Tethered Intermediates for the Synthesis of Biaryls. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4663-4667.	7.2	49
22	Sigmatropic Rearrangements of Hypervalentâ€”Iodineâ€”Tethered Intermediates for the Synthesis of Biaryls. <i>Angewandte Chemie</i> , 2018, 130, 4753-4757.	1.6	26
23	Metal-free remote oxidative benzylic Câˆ”H amination of 4-methylanilides with N-fluorobenzenesulfonimide. <i>Tetrahedron</i> , 2018, 74, 1085-1091.	1.0	15
24	Palladium/Light Induced Radical Alkenylation and Allylation of Alkyl Iodides Using Alkenyl and Allylic Sulfones. <i>Organic Letters</i> , 2018, 20, 1078-1081.	2.4	51
25	Access to 2-substituted-2 <i>H</i> -indazoles <i>via</i> a copper-catalyzed regioselective cross-coupling reaction. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1816-1822.	1.5	15
26	Perfluoroalkyl Cobaloximes: Preparation Using Hypervalent Iodine Reagents, Molecular Structures, Thermal and Photochemical Reactivity. <i>Organometallics</i> , 2018, 37, 570-583.	1.1	18
27	Iodination and Oâ€”Arylation of 2â€”Arylquinolinâ€”4(1H)-one with PhI(OAc) ₂ Under Metalâ€”free Conditions. <i>ChemistrySelect</i> , 2018, 3, 1655-1657.	0.7	8
28	Selective Pâˆ”C(sp ³) Bond Cleavage and Radical Alkynylation of Î±â€”Phosphorus Alcohols by Photoredox Catalysis. <i>Chemistry - A European Journal</i> , 2018, 24, 3174-3177.	1.7	28
29	Radicalâ€”Mediated Formal C(sp ²)â€”H Functionalization of Aldehydeâ€”Derived <i>N,N</i> -Dialkylhydrazones. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2378-2393.	1.2	19
30	A strategy for generating aryl radicals from arylborates through organic photoredox catalysis: photo-Meerwein type arylation of electron-deficient alkenes. <i>Chemical Communications</i> , 2018, 54, 1257-1260.	2.2	52
31	Dichloromethane as solvent and reagent: a case study of photoinduced reactions in mixed phosphoniumâ€”iodonium ylide. <i>Journal of Physical Organic Chemistry</i> , 2018, 31, e3844.	0.9	11
32	Supramolecular Aggregation of Perfluoroorganyl Iodane Reagents in the Solid State and in Solution. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3771-3781.	1.2	13
33	Nickel(ii)-catalyzed enantioselective Î±-alkylation of Î²-ketoamides with phenyliodonium ylide <i>via</i> a radical process. <i>Chemical Communications</i> , 2018, 54, 12254-12257.	2.2	17
34	Visible-Light-Enabled Oxidative Alkylation of Unactivated Alkenes with Dimethyl Sulfoxide through Concomitant 1,2-Aryl Migration. <i>Organic Letters</i> , 2018, 20, 7611-7615.	2.4	48
35	Combination of PhI(OAc) ₂ and 2-Nitropropane as the Source of Methyl Radical in Room-Temperature Metal-Free Oxidative Decarboxylation/Cyclization: Construction of 6-Methyl Phenanthridines and 1-Methyl Isoquinolines. <i>Journal of Organic Chemistry</i> , 2018, 83, 15415-15425.	1.7	24
36	Transitionâ€”Metalâ€”Free Threeâ€”Component Radical 1,2â€”Amidoalkynylation of Unactivated Alkenes. <i>Chemistry - A European Journal</i> , 2019, 25, 516-520.	1.7	46
38	A <i>para</i> -â€”Câ€”H Functionalization of Aniline Derivatives <i>via</i> In situ Generated Bulky Hypervalent Iodinium Reagents. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5972-5979.	1.2	49

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39	Nâ€Heterocycleâ€Stabilized Iodanes: From Structure to Reactivity. Chemistry - A European Journal, 2018, 24, 18653-18657.	1.7	44
40	Electrophilic chloro(1%o-alkoxy)lation of alkenes employing 1-chloro-1,2-benziodoxol-3-one: facile synthesis of 1 ² -chloroethers. Organic and Biomolecular Chemistry, 2018, 16, 7203-7213.	1.5	5
41	Transition-Metal-Free Arylations of In-Situ Generated Sulfenates with Diaryliodonium Salts. Organic Letters, 2018, 20, 7104-7106.	2.4	41
42	Hypervalent Iodine Compounds with Tetrazole Ligands. Journal of Organic Chemistry, 2018, 83, 12496-12506.	1.7	10
44	Synthesis of Five-Membered Iodineâ€Nitrogen Heterocycles from Benzimidazole-Based Iodonium Salts. Journal of Organic Chemistry, 2018, 83, 12056-12070.	1.7	22
45	Reactivity and properties of bis(chlorodifluoroacetyl) peroxide generated <i>in situ</i> from chlorodifluoroacetic anhydride for chlorodifluoromethylation reactions. Chemical Communications, 2018, 54, 11276-11279.	2.2	29
46	Chemoselective Preparation of 1-Iodoalkynes, 1,2-Diiodoalkenes, and 1,1,2-Triiodoalkenes Based on the Oxidative Iodination of Terminal Alkynes. Journal of Visualized Experiments, 2018, , .	0.2	0
47	Visibleâ€Lightâ€Induced 3â€Component Synthesis of Sulfonylated Oxindoles by Fixation of Sulfur Dioxide. European Journal of Organic Chemistry, 2018, 2018, 5725-5734.	1.2	25
48	Preparation, structure, and reactivity of bicyclic benziodazole: a new hypervalent iodine heterocycle. Beilstein Journal of Organic Chemistry, 2018, 14, 1016-1020.	1.3	10
49	Remote Site-Specific Radical Alkynylation of Unactivated Câ€H Bonds. Organic Letters, 2018, 20, 5817-5820.	2.4	50
50	Visible Lightâ€Promoted Threeâ€Component Carboazidation of Unactivated Alkenes with TMSN ₃ and Acrylonitrile. Chinese Journal of Chemistry, 2018, 36, 1017-1023.	2.6	30
51	Palladiumâ€Catalyzed Cascade Cyclization/Alkynylation and Alkenylation of Alkynone <i>in situ</i> with Terminal Alkynes. Advanced Synthesis and Catalysis, 2018, 360, 2707-2719.	2.1	31
52	Palladium-Catalyzed Ring-Forming Alkene Aminoarylation of Unsaturated Hydrazones and Sulfonamides. Organic Letters, 2018, 20, 3314-3318.	2.4	25
53	Oxidative <i>N</i> -Arylation for Carbazole Synthesis by Câ€C Bond Activation. Journal of Organic Chemistry, 2018, 83, 8127-8138.	1.7	24
54	Metalâ€and Baseâ€Free Direct <i>N</i> -Arylation of Pyridazinones by Using Diaryliodonium Salts: An Anion Effect. Asian Journal of Organic Chemistry, 2018, 7, 1674-1680.	1.3	14
55	Hypervalent Iodine Reagents by Anodic Oxidation: A Powerful Green Synthesis. Chemistry - A European Journal, 2018, 24, 13399-13407.	1.7	88
56	Metalâ€Free Halogen(I) Catalysts for the Oxidation of Aryl(heteroaryl)methanes to Ketones or Esters: Selectivity Control by Halogen Bonding. Chemistry - A European Journal, 2018, 24, 14171-14182.	1.7	36
57	Bromide-catalyzed electrochemical trifluoromethylation/cyclization of <i>N</i> -arylacrylamides with low catalyst loading. Organic Chemistry Frontiers, 2018, 5, 2573-2577.	2.3	88

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58	Metal-free alkene oxy- and amino-perfluoroalkylations via carbocation formation by using perfluoro acid anhydrides: unique reactivity between styrenes and perfluoro diacyl peroxides. <i>Chemical Science</i> , 2018, 9, 7115-7121.	3.7	44
59	Uncovering Multifaceted Iodonium Ylides: Versatile Reactivity Enables Cyclization of Simple Arylamines. <i>Synlett</i> , 2018, 29, 2337-2341.	1.0	6
60	PIDA-Mediated Formal Olefinic C=C Bond Cleavage of α -Oxo Ketene Acetals toward Substituted Oxazolines. <i>Chemistry - A European Journal</i> , 2018, 24, 14368-14372.	1.7	9
61	Metal-Free Direct C-H Cyanation of Alkenes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11792-11796.	7.2	28
62	A Nitrido-bridged Heterometallic Ruthenium(IV)/Iron(IV) Phthalocyanine Complex Supported by A Tripodal Oxygen Ligand, [Co($\text{I}^{\text{sup}5}$ -C $\text{sub}5$ H $\text{sub}5$)(P(O)(OEt) $\text{sub}2$) $\text{sub}3$) sup^{\wedge}]: Synthesis, Structure, and Its Oxidation to Give Phthalocyanine Cation Radical and Hydroxyphthalocyanine Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 9215-9222.	1.9	8
63	Metal-Free Direct C-H Cyanation of Alkenes. <i>Angewandte Chemie</i> , 2018, 130, 11966-11970.	1.6	9
64	Radical C-H Amination of Heteroarenes using Dual Initiation by Visible Light and Iodine. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3889-3893.	2.1	25
65	Transition-Metal-Free Selective Iodoarylation of Pyrazoles via Heterocyclic Aryliodonium Ylides. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3437-3443.	1.2	11
66	Selective carboxylation of reactive benzylic C-H bonds by a hypervalent iodine(III)/inorganic bromide oxidation system. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1087-1094.	1.3	10
67	Metal-Free C(sp $\text{sup}3$)-H Azidation in a Radical Strategy for the Synthesis of 3-Azido-2-oxindoles at Room Temperature. <i>Journal of Organic Chemistry</i> , 2018, 83, 11074-11079.	1.7	26
68	Promoting Intermolecular C-N Bond Formation under the Auspices of Iodine(III). <i>Accounts of Chemical Research</i> , 2018, 51, 1507-1519.	7.6	98
69	Surgical Cleavage of Unstrained C(sp $\text{sup}3$)-C(sp $\text{sup}3$) Bonds in General Alcohols for Heteroaryl C-H Alkylation and Acylation. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4568-4574.	2.1	24
70	Two birds with one stone: one-pot simultaneous synthesis of 2,2,2-trifluoroethylphenanthridines and benzochromenones featuring the utilization of the byproduct of Togni's reagent. <i>Green Chemistry</i> , 2019, 21, 5113-5117.	4.6	45
71	Four-Component Radical Dual Difunctionalization (RDD) of Two Different Alkenes with Aldehydes and <i>tert</i> -Butyl Hydroperoxide (TBHP): An Easy Access to β,γ -Functionalized Ketones. <i>Organic Letters</i> , 2019, 21, 6117-6121.	2.4	31
72	Metal-Free Synthesis of 4-Aryl-2-quinolone Derivatives by Iodine-Mediated Intramolecular C-H Amidation. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4727-4738.	2.1	8
73	Co-Catalyzed decarbonylative alkylative esterification of styrenes with aliphatic aldehydes and hypervalent iodine(sc^{iii}) reagents. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3065-3070.	2.3	16
74	Visible-Light-Promoted Oxidative Alkylarylation of <i>N</i> -Aryl/Benzoyl Acrylamides Through Direct C-H Bond Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4237-4242.	2.1	24
75	Fluoroalkylation Methods for Synthesizing Versatile Building Blocks. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 1245-1262.	2.0	25

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76	Hypervalent iodine reactions utilized in carbon-carbon bond formations. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7822-7848.	1.5	91
77	Cu-Mediated arylselenylation of aryl halides with trifluoromethyl aryl selenonium ylides. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7468-7473.	1.5	11
78	Synthesis of 4,4-Difluoroalkenes by Coupling of β -Substituted β -Difluoromethyl Halides with Allyl Sulfones under Photoredox Catalyzed Conditions. <i>Journal of Organic Chemistry</i> , 2019, 84, 9330-9338.	1.7	25
79	γ -Iodanes as Visible Light Photocatalyst in Thioacetalization of Aldehydes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4822-4826.	1.2	8
80	The Role of Iodanyl Radicals as Critical Chain Carriers in Aerobic Hypervalent Iodine Chemistry. <i>CHEM</i> , 2019, 5, 2388-2404.	5.8	26
81	Unified and practical access to α -alkynylated carbonyl derivatives via streamlined assembly at room temperature. <i>Communications Chemistry</i> , 2019, 2, .	2.0	9
82	Silver-Catalyzed Trifluoromethylalkynylation of Unactivated Alkenes with Hypervalent Iodine Reagents. <i>Organic Letters</i> , 2019, 21, 8625-8629.	2.4	30
83	A Catalyst-Free Minisci-Type Reaction: the C-H Alkylation of Quinoxalinones with Sodium Alkylsulfonates and Phenyliodine(III) Dicarboxylates. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6935-6944.	1.2	28
84	Copper-Catalyzed Amino-oxymethylation of Ynamides with <i>N</i> -Acetals. <i>Organic Letters</i> , 2019, 21, 9076-9079.	2.4	18
85	Hypervalent Iodine(III) Reagent Mediated Regioselective Cycloaddition of Aldoximes with Enaminones. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6682-6689.	1.2	15
86	Cu/chiral phosphoric acid-catalyzed radical-initiated asymmetric aminosilylation of alkene with hydrosilane. <i>Science China Chemistry</i> , 2019, 62, 1529-1536.	4.2	26
87	Four-component radical-dual-difunctionalization (RDD) and decarbonylative alkylation/oxidation of two different alkenes with aliphatic aldehydes and TBHP. <i>Chemical Communications</i> , 2019, 55, 12080-12083.	2.2	14
88	Alkene Synthesis by Photocatalytic Chemoenzymatically Compatible Dehydrodecarboxylation of Carboxylic Acids and Biomass. <i>ACS Catalysis</i> , 2019, 9, 9485-9498.	5.5	74
89	Construction of Sulfonyl Phthalides via Copper-Catalyzed Oxysulfonylation of 2-Vinylbenzoic Acids with Sodium Sulfonates. <i>Journal of Organic Chemistry</i> , 2019, 84, 13465-13472.	1.7	29
90	Photoredox-Catalyzed Intermolecular Radical Arylthiocyanation/Arylselenocyanation of Alkenes: Access to Aryl-Substituted Alkylthiocyanates/Alkylselenocyanates. <i>Journal of Organic Chemistry</i> , 2019, 84, 3025-3035.	1.7	43
91	PhIO-mediated Synthesis of Ketones from Alkynes and Alkenes. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 26-32.	1.3	2
92	Control of site selectivity in trifluoromethylation of alkenes bearing a pendant indolyl group: Synthesis of CF ₃ -containing tetrahydrocarbazoles. <i>Tetrahedron</i> , 2019, 75, 1327-1335.	1.0	7
93	Solvent-tuned chemoselective carboazidation and diazidation of alkenes via iron catalysis. <i>Organic Chemistry Frontiers</i> , 2019, 6, 512-516.	2.3	35

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94	Hypercoordinate iodine for catalytic asymmetric diamination of styrene: insights into the mechanism, role of solvent, and stereoselection. <i>Chemical Science</i> , 2019, 10, 7082-7090.	3.7	14
95	Nitrenium Ions from Amine-Iodine(III) Combinations. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4401-4425.	2.1	36
96	Recent Advances in Photoredox Catalysis Enabled Functionalization of α -Amino Acids and Peptides: Concepts, Strategies and Mechanisms. <i>Synthesis</i> , 2019, 51, 2759-2791.	1.2	61
97	Mediator and Additive Free Trifluoromethyl-Fluorination of Terminal Alkenes by Persistent Perfluoroalkyl Radical. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4417-4421.	1.2	8
98	Practical, metal-free remote heteroarylation of amides via unactivated C(sp ³)-H bond functionalization. <i>Chemical Science</i> , 2019, 10, 6915-6919.	3.7	78
99	<i>N</i> -Phenoxyamides as Multitasking Reagents: Base-Controlled Selective Construction of Benzofurans or Dihydrobenzofuro[2,3- <i>d</i>]oxazoles. <i>Journal of Organic Chemistry</i> , 2019, 84, 8523-8530.	1.7	15
100	Copper-Catalyzed Regioselective Borylfluoromethylation of Alkenes. <i>ACS Catalysis</i> , 2019, 9, 5726-5731.	5.5	53
101	Direct Intermolecular Anti-Markovnikov Hydroazidation of Unactivated Olefins. <i>Journal of the American Chemical Society</i> , 2019, 141, 9415-9421.	6.6	41
102	A Tunable Trifluoromethyliodonium Reagent. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8585-8588.	7.2	8
103	Copper-catalyzed three-component reaction of <i>N</i> -heteroaryl aldehydes, nitriles, and water. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5021-5028.	1.5	12
104	Fe-Catalyzed decarbonylative cascade reaction of <i>N</i> -aryl cinnamamides with aliphatic aldehydes to construct 3,4-dihydroquinolin-2(1 <i>H</i>)-ones. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5262-5268.	1.5	21
105	Stereocontrolled Synthesis of Halovinylbenziodoxoles by Hydro- and Iodochlorination of Ethynylbenziodoxoles. <i>Chemistry - A European Journal</i> , 2019, 25, 7839-7842.	1.7	27
106	Ein abstimmbares Trifluormethyliodonium-Reagenz. <i>Angewandte Chemie</i> , 2019, 131, 8675.	1.6	2
107	PhI(OAc) ₂ -mediated alkoxyoxygenation of α,β -unsaturated ketoximes: Preparation of isoxazolines bearing two contiguous tetrasubstituted carbons. <i>Tetrahedron Letters</i> , 2019, 60, 1148-1152.	0.7	14
108	Visible-light promoted aerobic difunctionalization of alkenes with sulfonyl hydrazides for the synthesis of α -keto/hydroxyl sulfones. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3507-3513.	1.5	53
109	Iodine-promoted Intermolecular Dehydrogenation Diamination: Synthesis of Unsymmetrical α,β -Diamido Ketones. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1477-1480.	1.7	6
110	4-HO-TEMPO-Catalyzed Redox Annulation of Cyclopropanols with Oxime Acetates toward Pyridine Derivatives. <i>ACS Catalysis</i> , 2019, 9, 4179-4188.	5.5	81
111	Ni-Mediated Generation of α -CN-Unit from Formamide and Its Catalysis in the Cyanation Reactions. <i>ACS Catalysis</i> , 2019, 9, 3360-3365.	5.5	46

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112	Photogenerated Neutral Nitrogen Radical Catalyzed Bifunctionalization of Alkenes. <i>Chemistry - A European Journal</i> , 2019, 25, 8024-8029.	1.7	20
113	I ² O ⁵ -Mediated Iodocyclization Cascade of <i>N</i> -(1-Arylallyl)pyridine-2-amines with Concomitant C-C Bond Cleavage: A Synthesis of 3-Iodoimidazo[1,2- <i>a</i>]pyridines. <i>Journal of Organic Chemistry</i> , 2019, 84, 5773-5782.	1.7	13
114	Computational I(III)-X BDEs for Benziodoxol(on)-based Hypervalent Iodine Reagents: Implications for Their Functional Group Transfer Abilities. <i>Chinese Journal of Chemistry</i> , 2019, 37, 359-363.	2.6	24
115	On the activation of hypercoordinate iodine(ⁱⁱⁱ) compounds for reactions of current interest. <i>Dalton Transactions</i> , 2019, 48, 4086-4093.	1.6	10
116	The literature of heterocyclic chemistry, part XVII, 2017. <i>Advances in Heterocyclic Chemistry</i> , 2019, 129, 337-418.	0.9	5
117	Pd-Catalyzed decarboxylative alkynylation of alkynyl carboxylic acids with arylsulfonyl hydrazides via a desulfinative process. <i>New Journal of Chemistry</i> , 2019, 43, 5357-5362.	1.4	10
118	Visible-Light-Enabled Oxidative Coupling of Alkenes with Dialkylformamides To Access Unsaturated Amides. <i>Organic Letters</i> , 2019, 21, 9929-9933.	2.4	10
119	Iodine-catalyzed sulfonylation of sulfonyl hydrazides with tert-amines: a green and efficient protocol for the synthesis of sulfonamides. <i>RSC Advances</i> , 2019, 9, 31212-31216.	1.7	12
120	Site-Selective C-H Functionalization of (Hetero)Arenes via Transient, Non-symmetric Iodanes. <i>CheM</i> , 2019, 5, 417-428.	5.8	80
121	Taming Radical Intermediates for the Construction of Enantioenriched Trifluoromethylated Quaternary Carbon Centers. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1447-1452.	7.2	50
122	Solvent Controlled Transformation between Sulfonyl Hydrazides and Alkynes: Divergent Synthesis of Benzo[<i>b</i>]thiophene-1,1-dioxides and (E)-Iodo Vinylsulfones. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 597-602.	2.4	33
123	Synthesis of 4-Iodoisoquinolin-1(2H)-ones by a Dirhodium(II)-Catalyzed 1,4-Bisfunctionalization of Isoquinolinium Iodide Salts. <i>Organic Letters</i> , 2019, 21, 434-438.	2.4	18
124	Fe-Catalyzed decarbonylative alkylation-peroxidation of alkenes with aliphatic aldehydes and hydroperoxide under mild conditions. <i>Green Chemistry</i> , 2019, 21, 269-274.	4.6	34
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