

Yunfei Du

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#	Paper	IF	Citations
166	A stereoselective synthesis of (Z)-1-iodo-1-alkenes. <i>Tetrahedron Letters</i> , 1989 , 30, 2173-2174	2	312
165	A simple method of dethioacetalization. <i>Tetrahedron Letters</i> , 1989 , 30, 287-290	2	249
164	PIDA-mediated oxidative C-C bond formation: novel synthesis of indoles from N-aryl enamines. <i>Organic Letters</i> , 2009 , 11, 2417-20	6.2	193
163	Synthesis of N-substituted indole derivatives via PIFA-mediated intramolecular cyclization. <i>Organic Letters</i> , 2006 , 8, 5919-22	6.2	165
162	Synthesis of 2-arylbenzoxazoles via DDQ promoted oxidative cyclization of phenolic Schiff bases—solution-phase strategy for library synthesis. <i>Tetrahedron Letters</i> , 2002 , 43, 951-954	2	152
161	Simple conversion of enamines to 2H-azirines and their rearrangements under thermal conditions. <i>Organic Letters</i> , 2009 , 11, 2643-6	6.2	119
160	Phenyl iodine bis(trifluoroacetate)-mediated oxidative C-C bond formation: synthesis of 3-hydroxy-2-oxindoles and spirooxindoles from anilides. <i>Organic Letters</i> , 2012 , 14, 2210-3	6.2	118
159	Synthesis of oxazoles from enamides via phenyl iodine diacetate-mediated intramolecular oxidative cyclization. <i>Journal of Organic Chemistry</i> , 2012 , 77, 10353-61	4.2	100
158	A rhodium(I)-catalyzed demethylation-cyclization of o-anisole-substituted ynamides in the synthesis of chiral 2-amido benzofurans. <i>Organic Letters</i> , 2007 , 9, 2361-4	6.2	84
157	Direct oxidative coupling of enamines and electron-deficient amines: TBAI/TBHP-mediated synthesis of substituted diaminoalkenes under metal-free conditions. <i>Organic Letters</i> , 2014 , 16, 5410-3	6.2	73
156	Direct α -cyloxylation of enamines via PhIO-mediated intermolecular oxidative C-O bond formation and its application to the synthesis of oxazoles. <i>Organic Letters</i> , 2012 , 14, 5480-3	6.2	73
155	Total syntheses of (-)-histrionicotoxin and (-)-histrionicotoxin 235A. <i>Journal of the American Chemical Society</i> , 1990 , 112, 5875-5876	16.4	68
154	Oxidative aromatic C-O bond formation: synthesis of 3-functionalized benzo[b]furans by FeCl ₃ -mediated ring closure of alpha-aryl ketones. <i>Organic Letters</i> , 2009 , 11, 4978-81	6.2	64
153	Efficient synthesis of hydroxyl isoindolones by a Pd-mediated C-H activation/annulation reaction. <i>Chemistry - A European Journal</i> , 2013 , 19, 11184-8	4.8	62
152	Formation of functionalized 2H-azirines through PhIO-mediated trifluoroethoxylation and azirination of enamines. <i>Organic Letters</i> , 2013 , 15, 6222-5	6.2	62
151	Synthesis of carbazolones and 3-acetylindoles via oxidative C-N bond formation through PIFA-mediated annulation of 2-aryl enamines. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 3606-9	3.9	61
150	PhI(OCOCF ₃) ₂ -mediated C-C bond formation concomitant with a 1,2-aryl shift in a metal-free synthesis of 3-arylquinolin-2-ones. <i>Organic Letters</i> , 2013 , 15, 2906-9	6.2	61

149	Intramolecular metal-free oxidative aryl-aryl coupling: an unusual hypervalent-iodine-mediated rearrangement of 2-substituted N-phenylbenzamides. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6216-9	16.4	60
148	Organocatalytic amination of alkyl ethers via n-Bu ₄ NI/t-BuOOH-mediated intermolecular oxidative C(sp ³)-N bond formation: novel synthesis of hemiaminal ethers. <i>Chemical Communications</i> , 2014 , 50, 11738-41	5.8	60
147	One-Pot Synthesis of Quinazolinones from Anthranilamides and Aldehydes via p-Toluenesulfonic Acid Catalyzed Cyclocondensation and Phenyliodine Diacetate Mediated Oxidative Dehydrogenation. <i>Synthesis</i> , 2013 , 45, 2998-3006	2.9	60
146	Preparation and use of 1-iodoalkyl ylides. <i>Tetrahedron Letters</i> , 1994 , 35, 2827-2828	2	59
145	Hypervalent iodine-mediated oxygenation of N,N-diaryl tertiary amines: intramolecular functionalization of sp ³ C-H bonds adjacent to nitrogen. <i>Journal of Organic Chemistry</i> , 2014 , 79, 10581-74-2	4.2	58
144	Syntheses of isoxazoliny and isoxazolidiny nucleoside analogues. <i>Tetrahedron</i> , 1998 , 54, 6587-6604	2.4	56
143	Synthesis of coumestan derivatives via FeCl ₃ -mediated oxidative ring closure of 4-hydroxy coumarins. <i>Journal of Organic Chemistry</i> , 2011 , 76, 2744-52	4.2	55
142	PhI(OAc) ₂ -mediated intramolecular oxidative aryl-aldehyde Csp(2)-Csp(2) bond formation: metal-free synthesis of acridone derivatives. <i>Journal of Organic Chemistry</i> , 2014 , 79, 7451-8	4.2	52
141	The applications of hypervalent iodine(III) reagents in the constructions of heterocyclic compounds through oxidative coupling reactions. <i>Science China Chemistry</i> , 2014 , 57, 189-214	7.9	50
140	Metal-free tandem oxidative aryl migration and C-C bond cleavage: synthesis of β-ketoamides and esters from acrylic derivatives. <i>Organic Letters</i> , 2014 , 16, 5772-5	6.2	49
139	Iodocyclization of N-Arylpropynamides Mediated by Hypervalent Iodine Reagent: Divergent Synthesis of Iodinated Quinolin-2-ones and Spiro[4,5]trienones. <i>Organic Letters</i> , 2017 , 19, 150-153	6.2	46
138	Synthesis of 2-(trifluoromethyl)oxazoles from β-monosubstituted enamines via PhI(OCOCF ₃) ₂ -mediated trifluoroacetoxylation and cyclization. <i>Journal of Organic Chemistry</i> , 2011 , 76, 10338-44	4.2	46
137	PhI(OCOCF ₃) ₂ -mediated intramolecular oxidative N-N bond formation: metal-free synthesis of 1,2,4-triazolo[1,5-a]pyridines. <i>Journal of Organic Chemistry</i> , 2014 , 79, 4687-93	4.2	44
136	Oxidative Coupling of Enamines and Disulfides via Tetrabutylammonium Iodide/tert-Butyl Hydroperoxide-Mediated Intermolecular Oxidative C(sp ²)-S Bond Formation Under Transition Metal-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 2035-2040	5.6	44
135	Chiral Aryliodine-Mediated Enantioselective Organocatalytic Spirocyclization: Synthesis of Spirofurooxindoles via Cascade Oxidative C-O and C-C Bond Formation. <i>Organic Letters</i> , 2016 , 18, 5580-5583	6.2	43
134	Tetrazole catalyzed synthesis of phosphonate esters. <i>Tetrahedron</i> , 1993 , 49, 363-368	2.4	42
133	An Efficient Route to beta-D-Isoxazolidiny Nucleosides via Diastereoselective Michael Addition of Hydroxylamine to Unsaturated Esters. <i>Journal of Organic Chemistry</i> , 1997 , 62, 7430-7434	4.2	41
132	Concerted Conjugate Addition of Nucleophiles to Alkenoates. Part I: Mechanism of N-Alkylhydroxylamine Additions. <i>Journal of the American Chemical Society</i> , 1999 , 121, 2456-2459	16.4	41

- 131 In Situ Formation of RSeCl/ArSeCl and Their Application to the Synthesis of 4-Chalcogenylisocoumarins/Pyrones from o-(1-Alkynyl)benzoates and (Z)-2-Alken-4-ynoates. *Organic Letters*, **2019**, 21, 3620-3624 6.2 39
- 130 Oxidative cyclization of aldazines with bis(trifluoroacetoxy)iodobenzene. *Tetrahedron Letters*, **2005**, 46, 2701-2704 2 39
- 129 Cu(OAc)₂-Mediated Cascade Annulation of Diarylalkyne Sulfonamides through Dual C-N Bond Formation: Synthesis of 5,10-Dihydroindolo[3,2-b]indoles. *Organic Letters*, **2016**, 18, 3322-5 6.2 38
- 128 Metal-free synthesis of 2-oxindoles via PhI(OAc)₂-mediated oxidative C-N bond formation. *Journal of Organic Chemistry*, **2014**, 79, 1111-9 4.2 36
- 127 Construction of 1,4-benzodiazepine skeleton from 2-(arylamino)benzamides through PhI(OAc)₂-mediated oxidative C-N bond formation. *Journal of Organic Chemistry*, **2014**, 79, 955-62 4.2 36
- 126 Intramolecular oxyallyl-carbonyl (3 + 2) cycloadditions. *Journal of the American Chemical Society*, **2013**, 135, 5242-5 16.4 36
- 125 PhICl₂ and wet DMF: an efficient system for regioselective chloroformyloxylation/β-chlorination of alkenes/unsaturated compounds. *Organic Letters*, **2014**, 16, 436-9 6.2 35
- 124 Synthesis of coumarins via PIDA/I₂-mediated oxidative cyclization of substituted phenylacrylic acids. *RSC Advances*, **2013**, 3, 4311 3.7 33
- 123 Synthesis of diversely substituted indoloquinolinones via Pd(II)/Cu(II)-mediated oxidative C-C bond formation and I(III)-mediated C-N bond formation. *Journal of Organic Chemistry*, **2013**, 78, 12750-9 4.2 32
- 122 Hypervalent-iodine-mediated cascade annulation of diarylalkynes forming spiro heterocycles under metal-free conditions. *Chemistry - A European Journal*, **2015**, 21, 5193-8 4.8 32
- 121 Stabilization of glycosyl sulfonium ions for stereoselective O-glycosylation. *Tetrahedron Letters*, **1994**, 35, 7147-7150 2 32
- 120 A Facile Radiolabeling of [¹⁸F]FDPA via Spirocyclic Iodonium Ylides: Preliminary PET Imaging Studies in Preclinical Models of Neuroinflammation. *Journal of Medicinal Chemistry*, **2017**, 60, 5222-5227 8.3 31
- 119 Hypervalent Iodine-Mediated Intramolecular trans-Aminocarboxylation and Oxoaminocarboxylation of Alkynes: Divergent Cascade Annulations of Isocoumarins under Metal-Free Conditions. *Organic Letters*, **2015**, 17, 5252-5 6.2 31
- 118 Cobalt-Catalyzed Twofold Direct C(sp²)-C(sp³) Bond Coupling: Regioselective C-3 Alkylation of Coumarins with (Cyclo)alkyl Ethers. *Advanced Synthesis and Catalysis*, **2016**, 358, 2422-2426 5.6 31
- 117 Determination of risedronate in rat plasma samples by ion-pair high-performance liquid chromatography with UV detector. *Analytica Chimica Acta*, **2006**, 562, 171-175 6.6 30
- 116 In Vitro and in Vivo Evaluation of C-Labeled Azetidincarboxylates for Imaging Monoacylglycerol Lipase by PET Imaging Studies. *Journal of Medicinal Chemistry*, **2018**, 61, 2278-2291 8.3 29
- 115 Oxidative cyclization of 2-aryl-3-arylamino-2-alkenenitriles to N-arylindole-3-carbonitriles mediated by NXS/Zn(OAc)₂. *Journal of Organic Chemistry*, **2011**, 76, 8690-7 4.2 29
- 114 A survey of the role of nitrile groups in protein-ligand interactions. *Future Medicinal Chemistry*, **2018**, 10, 2713-2728 4.1 29

113	One-pot synthesis of isoxazoles from enamines: an application of Fe(II) as the catalyst for ring expansion of 2H-azirine intermediates. <i>Tetrahedron Letters</i> , 2013 , 54, 6157-6160	2	28
112	Peralkylation of saccharides under aqueous conditions. <i>Tetrahedron Letters</i> , 1995 , 36, 2953-2956	2	28
111	The allylic epoxide cyclization. A method for the control of regiochemistry and stereochemistry in cyclohexane systems. <i>Journal of the American Chemical Society</i> , 1990 , 112, 1661-1663	16.4	28
110	Metal-Free Synthesis of 3-Arylquinolin-2-ones from Acrylic Amides via a Highly Regioselective 1,2-Aryl Migration: An Experimental and Computational Study. <i>Journal of Organic Chemistry</i> , 2016 , 81, 4058-65	4.2	28
109	Formation of N-alkoxyindole framework: intramolecular heterocyclization of 3-alkoxyimino-2-arylalkylnitriles mediated by ferric chloride. <i>Journal of Organic Chemistry</i> , 2008 , 73, 2007-2010	4.2	27
108	Synthesis, Separation, and Theoretical Studies of Chiral Biphenyl Lignans (E and DDB). <i>Helvetica Chimica Acta</i> , 2003 , 86, 2239-2246	2	27
107	Nonenzymatic Hydrolysis of Cocaine via Intramolecular Acid Catalysis. <i>Helvetica Chimica Acta</i> , 1999 , 82, 85-89	2	27
106	TBHP/CoCl ₂ -Mediated Intramolecular Oxidative Cyclization of N-(2-Formylphenyl)amides: An Approach to the Construction of 4H-3,1-Benzoxazin-4-ones. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 562-568	3.2	27
105	One-pot synthesis of 3-hydroxyquinolin-2(1H)-ones from N-phenylacetamide via PhI(OAc) ₂ -mediated hydroxylation and H ₂ SO ₄ -promoted intramolecular cyclization. <i>Journal of Organic Chemistry</i> , 2013 , 78, 5385-92	4.2	26
104	PhI(OAc) ₂ -Mediated Construction of a 2-Spiropseudoindoxyl Skeleton via Cascade Annulation of 2-Sulfonamido-N-phenylpropionamide Derivatives. <i>Organic Letters</i> , 2017 , 19, 902-905	6.2	25
103	Synthesis of chromeno[2,3-b]indol-11(6H)-one via PhI(OAc) ₂ -mediated intramolecular oxidative C(sp ²)-N(H) bond formation. <i>Journal of Organic Chemistry</i> , 2015 , 80, 1200-6	4.2	25
102	PhIO/Et ₃ N · 3HF-Mediated Formation of Fluorinated 2H-Azirines via Domino Fluorination/Azirination Reaction of Enamines. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 2107-2112	5.6	25
101	Determination of clarithromycin in rat plasma by HPLC-UV method with pre-column derivatization. <i>Talanta</i> , 2007 , 71, 385-90	6.2	25
100	Simultaneous determination of amoxicillin and ranitidine in rat plasma by high-performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 41, 594-8	3.5	25
99	TBHP/TBAI-Mediated Oxidative Cascade Reaction Consisting of Dimerization, Cyclization, and 1,2-Aryl Migration: Metal-Free Synthesis of Pyrrolin-4-ones and Highly Substituted Pyrroles. <i>Journal of Organic Chemistry</i> , 2017 , 82, 12682-12690	4.2	24
98	Synthesis of biaryl imino/keto carboxylic acids via aryl amide directed C-H activation reaction. <i>Chemical Communications</i> , 2013 , 49, 9464-6	5.8	24
97	Enantioselective synthesis of isoxazolidinyl thymine and cytosine nucleosides. <i>Tetrahedron Letters</i> , 1996 , 37, 4877-4880	2	24
96	Intramolecular Functionalization of Benzylic Methylene Adjacent to the Ring Nitrogen Atom in N-Aryltetrahydroisoquinoline Derivatives. <i>Journal of Organic Chemistry</i> , 2016 , 81, 3372-9	4.2	23

- 95 Direct conversion of N-alkoxyamides to carboxylic esters through tandem NBS-mediated oxidative homocoupling and thermal denitrogenation. *Journal of Organic Chemistry*, **2013**, 78, 8705-11 4.2 23
- 94 A practical one-pot procedure for the synthesis of N β isoquinolones. *Tetrahedron Letters*, **2013**, 54, 2001-2005 2 23
- 93 Double Intramolecular S $\text{N}2$ -Cyclization for Stereoselective Synthesis of Bistetrahydrofuran Core of Acetogenins. *Journal of Organic Chemistry*, **1999**, 64, 2259-2263 4.2 23
- 92 in situ Formation of RSeCl/ArSeCl and Their Oxidative Coupling with Enaminone Derivatives Under Transition-metal Free Conditions. *Advanced Synthesis and Catalysis*, **2019**, 361, 4926-4932 5.6 21
- 91 Organocatalytic Radical Involved Oxidative Cross-Coupling of N-Hydroxyphthalimide with Benzylic and Allylic Hydrocarbons. *Advanced Synthesis and Catalysis*, **2015**, 357, 3836-3842 5.6 21
- 90 Control of regioselectivity and stereoselectivity in (4 + 3) cycloadditions of chiral oxyallyls with unsymmetrically disubstituted furans. *Journal of Organic Chemistry*, **2013**, 78, 1753-9 4.2 20
- 89 PhI(OAc) $_2$ -Mediated Cyclization of o-(1-Alkynyl)benzamides: Metal-Free Synthesis of 3-Hydroxy-2,3-dihydroisoquinoline-1,4-dione. *Journal of Organic Chemistry*, **2015**, 80, 5320-8 4.2 19
- 88 Iodine(III)-mediated construction of the dibenzoxazepinone skeleton from 2-(aryloxy)benzamides through oxidative C N formation. *RSC Advances*, **2015**, 5, 94732-94736 3.7 19
- 87 Concerted Conjugate Addition of Nucleophiles to Alkenoates. 2. Synthesis of 2,3-Dideoxy-2 β -fluoro-3S-(N-hydroxy-N-methylamino)-D-arabinofuranosyl Nucleosides. *Journal of Organic Chemistry*, **1999**, 64, 4-5 4.2 19
- 86 Determination of omeprazole in rat plasma by high-performance liquid chromatography without solvent extraction. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2006**, 837, 112-5 3.2 18
- 85 1,3-Diastereocontrolled O-Displacement of Enolates. *Journal of Organic Chemistry*, **1995**, 60, 2668-2669 4.2 18
- 84 Stereocontrolled Syntheses of Substituted Tetrahydrofurans via S $\text{N}2$ -Cyclization. *Journal of the American Chemical Society*, **1998**, 120, 7391-7392 16.4 17
- 83 Recent Advances of the Application of Organoiodine(III) Reagents in the Construction of Heterocyclic Compounds. *Chinese Journal of Organic Chemistry*, **2016**, 36, 2513 3 17
- 82 Synthesis of Spirooxindoles from N-Arylamide Derivatives via Oxidative C(sp)-C(sp) Bond Formation Mediated by PhI(OMe) Generated in Situ. *Organic Letters*, **2019**, 21, 890-894 6.2 16
- 81 A convenient synthesis of indoloquinolinones via 3-arylation of indole-2-carboxamides and PIDA-mediated C N bond formation. *Tetrahedron*, **2015**, 71, 2927-2935 2.4 16
- 80 Hypervalent iodine reagent-mediated reactions involving rearrangement processes. *Chemical Communications*, **2020**, 56, 14119-14136 5.8 16
- 79 A Concise Method for Stereocontrolled Preparation of Medium-Sized Lactones. *Synlett*, **1995**, 1995, 543-544 15
- 78 Synthesis of 1-thioglycosides. *Carbohydrate Research*, **1995**, 275, 179-184 2.9 15

77	Cascade Synthesis of Benzothieno[3,2- b]indoles under Oxidative Conditions Mediated by CuBr and tert-Butyl Hydroperoxide. <i>Organic Letters</i> , 2018 , 20, 5933-5937	6.2	15
76	Synthesis of Spirofurooxindoles via Phenyliodine(III) Bis(trifluoroacetate) (PIFA)-Mediated Cascade Oxidative C=O and C=C Bond Formation. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 1634-1638	5.6	14
75	Hypervalent Iodine-Mediated Synthesis of Spiroheterocycles via Oxidative Cyclization. <i>Current Organic Chemistry</i> , 2019 , 23, 14-37	1.7	14
74	Construction of 2-Arylbenzo[4,5]thieno[2,3-]thiazole Skeleton via CuCl/S-Mediated Three-Component Reaction. <i>Organic Letters</i> , 2020 , 22, 448-452	6.2	14
73	NIS-mediated intramolecular oxidative α -functionalization of tertiary amines: transition metal-free synthesis of 1,2-dihydro-(4H)-3,1-benzoxazin-4-one derivatives. <i>RSC Advances</i> , 2015 , 5, 29774-29781	3.7	13
72	Ring-Contraction Disproportionation/Spirocyclization Cascade Reaction of Isochromeno[4,3-b]indol-5(11H)-ones: Synthesis of N-Unsubstituted Spirocycles. <i>Journal of Organic Chemistry</i> , 2016 , 81, 11397-11403	4.2	13
71	Synthesis of functionalized fluorescent indenenes from electron-rich β -aryl ketonitriles. <i>Journal of Organic Chemistry</i> , 2012 , 77, 3997-4004	4.2	13
70	Synthesis of novel isoxazolonyl substituted imidazo[1,2-a]pyridine C-nucleoside analogs. <i>Tetrahedron Letters</i> , 1998 , 39, 8191-8194	2	13
69	Exploring Halogen Bonds in 5-Hydroxytryptamine 2B Receptor-Ligand Interactions. <i>ACS Medicinal Chemistry Letters</i> , 2018 , 9, 1019-1024	4.3	13
68	Synthesis of 4-Chloroisocoumarins via Intramolecular Halolactonization of α -Alkynylbenzoates: PhICl-Mediated C-O/C-Cl Bond Formation. <i>Organic Letters</i> , 2019 , 21, 1989-1993	6.2	12
67	Synthesis of substituted tetrahydron-1H-carbazol-1-one and β -analogues via PhI(OCOCF ₃) ₂ -mediated oxidative C=C bond formation. <i>Tetrahedron</i> , 2014 , 70, 2753-2760	2.4	12
66	GLYCOSYL DONORS WITH PHOSPHORIMIDATE LEAVING GROUPS FOR EITHER β OR α GLYCOSIDATION. <i>Tetrahedron Letters</i> , 1997 , 38, 6139-6142	2	12
65	Tetrazole-catalyzed synthesis of phosphoramidate esters. <i>Tetrahedron Letters</i> , 1998 , 39, 2449-2450	2	12
64	Efficient synthesis of gamma-DDB. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 2131-6	2.9	12
63	Oxidative Conversion of Isoxazolidines to Isoxazolines. <i>Journal of Organic Chemistry</i> , 1998 , 63, 366-369	4.2	12
62	Glycosyl Phosphoramidimides as Versatile Glycosyl Donors. <i>Heterocycles</i> , 1997 , 45, 1247	0.8	12
61	Hypervalent Iodine Mediated C=C Double Bond Activation: A Cascade Access to β -Keto Diacetates from Readily Available Cinnamic Acids. <i>Synthesis</i> , 2015 , 47, 2924-2930	2.9	11
60	Direct functionalization of alkyl ethers to construct hemiaminal ether skeletons (HESs). <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 4384-4398	3.9	11

- 59 Cascade Formation of C3-Unsymmetric Spirooxindoles via PhI(OAc)₂-Mediated Oxidative C-C/C-N Bond Formation. *Advanced Synthesis and Catalysis*, **2018**, 360, 2476-2481 5.6 11
- 58 Palladium(II) Acetate-Catalyzed Dual C-H Functionalization and C-C Bond Formation: A Domino Reaction for the Synthesis of Functionalized (E)-Bisindole-2-ones from Diarylbut-2-ynediarnides. *Advanced Synthesis and Catalysis*, **2016**, 358, 3534-3540 5.6 11
- 57 Lactonization of 2-Alkynylbenzoates for the Assembly of Isochromenones Mediated by BF₃Et₂O. *Journal of Organic Chemistry*, **2019**, 84, 10402-10411 4.2 11
- 56 Intramolecular Metal-Free Oxidative Aryl-Aryl Coupling: An Unusual Hypervalent-Iodine-Mediated Rearrangement of 2-Substituted N-Phenylbenzamides. *Angewandte Chemie*, **2014**, 126, 6330-6333 3.6 11
- 55 Constructions of tetrahydro-carboline skeletons via intramolecular oxidative carbon-carbon bond formation of enamines. *Organic and Biomolecular Chemistry*, **2013**, 11, 1929-32 3.9 11
- 54 A Novel Heterogeneous Synthesis of Acyl Cyanides Catalyzed by PEG400 and Zinc Iodide. *Synthetic Communications*, **2004**, 34, 2951-2957 1.7 11
- 53 Synthesis of trifluoromethylated 2-azirines through Togni reagent-mediated trifluoromethylation followed by PhIO-mediated azirination. *Beilstein Journal of Organic Chemistry*, **2018**, 14, 1452-1458 2.5 10
- 52 Metal-free Synthesis of Spiro-2,2'-benzo[b]furan-3,3'-ones via PhI(OAc)₂-Mediated Cascade Spirocyclization. *Advanced Synthesis and Catalysis*, **2019**, 361, 4669-4673 5.6 10
- 51 A Convenient Preparation of 4,4-Dimethoxybutanal by Ozonolysis of 1,5-Cyclooctadiene. *Journal of Organic Chemistry*, **1998**, 63, 3151-3152 4.2 10
- 50 Metal-free synthesis of 3-chalcogenyl chromones from alkynyl aryl ketones and diorganyl diselenides/disulfides mediated by PIFA. *Organic Chemistry Frontiers*, **2020**, 7, 3935-3940 5.2 10
- 49 Nitrile-containing pharmaceuticals: target, mechanism of action, and their SAR studies. *RSC Medicinal Chemistry*, **2021**, 12, 1650-1671 3.5 10
- 48 TBHP/AIBN-Mediated Synthesis of 2-Amino-thioazoles from Active Methylene Ketones and Thiourea under Metal-free Conditions. *Tetrahedron*, **2018**, 74, 2107-2114 2.4 9
- 47 Pd-catalysed direct dehydrogenative carboxylation of alkenes: facile synthesis of vinyl esters. *Chemical Communications*, **2013**, 49, 1211-3 5.8 9
- 46 Transition Metal-Free Oxidative Cross-Coupling C(sp²)-C(sp³) Bond Formation: Regioselective C-3 Alkylation of Coumarins with Tertiary Amines. *Advanced Synthesis and Catalysis*, **2017**, 359, 3090-3094 5.6 9
- 45 Synthesis of N-substituted carbazolones from β -keto enaminones via Pd(0)-catalyzed intramolecular coupling under microwave irradiation. *Tetrahedron Letters*, **2012**, 53, 5076-5080 2 9
- 44 Synthesis of N-alkoxytrihydropiperidine analogs of allopyranose. *Tetrahedron Letters*, **1996**, 37, 1547-1550 9
- 43 A new hypervalent iodine(iii/v) oxidant and its application to the synthesis of 2-azirines. *Chemical Science*, **2019**, 11, 947-953 9.4 9
- 42 Construction of 4-(Methylthio)isochromenones Skeleton through Regioselective Intramolecular Cyclization of 2-Alkynylbenzoate Mediated by DMSO/[D₆]DMSO and SOCl₂. *European Journal of Organic Chemistry*, **2020**, 2020, 852-859 3.2 8

41	Metal-Free Synthesis of 3-Arylquinolin-2-ones from N,2-Diaryl- acrylamides via Phenyliodine(III) Bis(2,2-dimethylpropanoate)- Mediated Direct Oxidative C-N Bond Formation. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 3610-3615	5.6	8
40	PhICl ₂ -Mediated Conversion of Enamines into N-Dichloroimines and Their Reverse Conversion Mediated by Zinc in Methanol. <i>Synthesis</i> , 2014 , 46, 1621-1629	2.9	8
39	Iodobenzene Dichloride/Zinc Chloride-Mediated Synthesis of N-Alkoxyindole-3-carbonitriles from 3-Alkoxyimino-2-arylalkylnitriles via Intramolecular Heterocyclization. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 250-254	5.6	7
38	Oxidative aromatic C-N bond formation: convenient synthesis of N-amino-3-nitrile-indoles via FeBr ₃ -mediated intramolecular cyclization. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 3714-25	3.9	7
37	Highly Stereoselective Dimerization of 3-Alkoxyimino-2-aryl-alkylnitriles via Oxidative Carbon-Carbon Bond Formation. <i>Synlett</i> , 2009 , 2009, 1835-1841	2.2	7
36	Novel rearrangement of 1H-2,3-benzoxazines to cyclic N-acyl hemiaminals: application to the synthesis of 1-arylnaphthalene skeletal congeners. <i>Tetrahedron</i> , 2008 , 64, 39-44	2.4	7
35	Synthesis of 3-Methylthio-benzo[b]furans/Thiophenes via Intramolecular Cyclization of 2-Alkynylanisoles/Sulfides Mediated by DMSO/DMSO-d ₆ and SOCl ₂ . <i>Chinese Journal of Chemistry</i> , 2021 , 39, 887-895	4.9	7
34	Oxidant- and metal-free synthesis of 4(3H)-quinazolinones from 2-amino-N-methoxybenzamides and aldehydes via acid-promoted cyclocondensation and elimination. <i>RSC Advances</i> , 2014 , 4, 26434-26438	3.7	6
33	Synthesis of polysubstituted dihydropyrroles and pyrroles from E-carbonyl O-methyloximes. <i>Tetrahedron Letters</i> , 2004 , 45, 3953-3955	2	6
32	A regiocontrolled intramolecular O-cyclization. <i>Tetrahedron Letters</i> , 1995 , 36, 6407-6408	2	6
31	Formation of Phenyliodonio-Substituted Spirofurooxindole Trifluoroacetates from N-Substituted 3-Oxopentanediamides via Phenyliodine Bis(trifluoroacetate)-Mediated Oxidative Cascade Reactions. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 2542-2548	5.6	5
30	A Tandem Ring Opening/Closure Reaction in A BF ₃ -Mediated Rearrangement of Spirooxindoles. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 4393-4398	5.6	5
29	Reductive cleavage of the N-D bond: elemental sulfur-mediated conversion of N-alkoxyamides to amides. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 347-351	5.2	5
28	Concurrent Eiodination and N-Arylation of Cyclic EEnaminones. <i>Synlett</i> , 2010 , 2010, 231-234	2.2	5
27	One Facile Preparation of N-Aroyl-N'-arylsulfonylhydrazines by Oxidation of Aromatic Aldehyde N-Arylsulfonylhydrazones with bis(Trifluoroacetoxy)iodobenzene. <i>Synthetic Communications</i> , 2006 , 36, 1529-1535	1.7	5
26	Formation of Carbon-Carbon Bonds Mediated by Hypervalent Iodine Reagents Under Metal-free Conditions. <i>Current Organic Chemistry</i> , 2020 , 24, 74-103	1.7	5
25	DMSO/SOCl ₂ -mediated C(sp ³)-H amination: switchable synthesis of 3-unsubstituted indole and 3-methylthioindole derivatives. <i>Chemical Communications</i> , 2021 , 57, 460-463	5.8	5
24	Synthesis of N-Substituted 2-Amino-3,4-dihydrofurans from Allenes via NIS-Mediated Intramolecular Electrophilic Iodocyclization. <i>Synthesis</i> , 2017 , 49, 2917-2927	2.9	4

23	Regioselective Chlorolactonization of Styrene-Type Carboxylic Esters and Amides via PhICl ₂ -Mediated Oxidative C-O/C-Cl Bond Formations. <i>Journal of Organic Chemistry</i> , 2019 , 84, 13832-13840	4.2	4
22	Copper(II)-Mediated Cascade Oxidative C-C Coupling and Aromatization: Synthesis of 3-Hydroxyphenanthridinone Derivatives. <i>Synthesis</i> , 2012 , 44, 2374-2384	2.9	4
21	Synthesis of Potentially Antiviral 2',3'-Dideoxy-2'-fluoro-3'-(hydroxyamino)nucleosides. <i>Helvetica Chimica Acta</i> , 2004 , 87, 327-339	2	4
20	Non-Cycloaddition Approach to Regioselective Synthesis of Isoxazolidines. <i>Synlett</i> , 1998 , 1998, 979-980	2.2	4
19	Synthesis of 3-Methylthioindoles via Intramolecular Cyclization of 2-Alkynylanilines Mediated by DMSO/DMSO-d ₆ and SOCl ₂ . <i>Chinese Journal of Chemistry</i> , 2021 , 39, 1211-1224	4.9	4
18	Synthesis of Indole Derivatives by Cyclization of Oxo N-Acyliminium Ions. <i>Synthesis</i> , 2008 , 2008, 1345-1350	3	3
17	Glycosidation of Glycosyl Phosphoramidites. <i>Heterocycles</i> , 1998 , 48, 21	0.8	3
16	Unexpected Substituent Effects in Spiro-Compound Formation: Steering -Aryl Propynamides and DMSO toward Site-Specific Sulfinylation in Quinolin-2-ones or Spiro[4,5]trienones. <i>Journal of Organic Chemistry</i> , 2021 , 86, 9490-9502	4.2	3
15	Syntheses of N-Alkylated Carbazolones via Pd(OAc) ₂ -Mediated Intramolecular Coupling of N-Substituted 3-(Arylamino)cyclohex-2-enones. <i>Synlett</i> , 2010 , 2010, 2899-2904	2.2	2
14	An Interrupted Pummerer Reaction Mediated by a Hypervalent Iodine(III) Reagent: In Situ Formation of RS ₂ Cl and Its Application for the Synthesis of 3-Sulfonylated Indoles. <i>Journal of Organic Chemistry</i> , 2021 , 86, 17274-17281	4.2	2
13	Formation of Carbon-Oxygen Bond Mediated by Hypervalent Iodine Reagents Under Metal-Free Conditions. <i>Mini-Reviews in Organic Chemistry</i> , 2021 , 18, 540-605	1.7	2
12	Synthesis of 4-Chalcogenylated Isoxazoles Mediated by PhICl ₂ and Diorganyl Disulfides/Diselenides. <i>Asian Journal of Organic Chemistry</i> ,	3	2
11	Chemoselective Synthesis of Sulfonylated Spiroindolenines from Indolyl-ynones via Organosulfonyl Chloride-Mediated Dearomatizing Spirocyclization.. <i>Organic Letters</i> , 2021 ,	6.2	2
10	Replacement of Protein Binding-Site Waters Contributes to Favorable Halogen Bond Interactions. <i>Journal of Chemical Information and Modeling</i> , 2019 , 59, 3136-3143	6.1	1
9	3-Benzyl-1-(3-nitrophenylsulfonyl)-1H-pyrazol-5-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o5901-o5902		1
8	PhICl ₂ /NH ₄ SCN-Mediated Oxidative Regioselective Thiocyanation of Pyridin-2(1H)-ones. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 2536-2546	4.9	1
7	Lactonization with concomitant 1,2-aryl migration and alkoxylation mediated by dialkoxyphenyl iodides generated. <i>Chemical Communications</i> , 2021 , 57, 7426-7429	5.8	1
6	Formation of Carbon-Nitrogen Bond Mediated by Hypervalent Iodine Reagents Under Metal-free Conditions. <i>Current Organic Chemistry</i> , 2021 , 25, 68-132	1.7	1

- 5 Synthesis of 3-Halogenated Quinolin-2-Ones from N -Arylpropynamides via Hypervalent Iodine(III) Mediated Umpolung Process. *Advanced Synthesis and Catalysis*, 5.6 1
- 4 Synthesis of Spiro[benzofuran-2,2Sbenzo[b]thiophene]-3,3Sdiones via PIDA/CuBr-Mediated Spirocyclization. *European Journal of Organic Chemistry*, **2020**, 2020, 6563-6569 3.2 0
- 3 Construction of trisubstituted chromone skeletons carrying electron-withdrawing groups via PhIO-mediated dehydrogenation and its application to the synthesis of frutinone A. *Beilstein Journal of Organic Chemistry*, **2019**, 15, 2958-2965 2.5 0
- 2 Stereoselective synthesis of beta-amino acids. *Journal of Asian Natural Products Research*, **2005**, 7, 121-61.5
- 1 An ab initio study of the alpha-fluorination effects on phosphatase inhibitors. *Computational and Theoretical Chemistry*, **2005**, 726, 1-9