

Recent advances in isocyanide insertion chemistry

Chemical Society Reviews

42, 5257

DOI: [10.1039/c3cs35507a](https://doi.org/10.1039/c3cs35507a)

Citation Report

#	ARTICLE	IF	CITATIONS
1	A Transition-Metal-Free Synthesis of Arylcarboxyamides from Aryl Diazonium Salts and Isocyanides. <i>Organic Letters</i> , 2013, 15, 4110-4113.	2.4	61
2	Switchable Synthesis of 3-Cyanoindoles and 3-Amidylindoles <i>via</i> a Palladium-Catalyzed Reaction of <i>N,N</i> -Dimethyl-2-alkynylaniline with Isocyanide. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2441-2446.	2.1	45
4	Cu(TFA) ₂ -Catalyzed Oxidative Tandem Cyclization/1,2-Alkyl Migration of Enamino Amides for Synthesis of Pyrrolin-4-ones. <i>Organic Letters</i> , 2013, 15, 4822-4825.	2.4	52
5	Zinc Bromide Promoted Coupling of Isonitriles with Carboxylic Acids To Form 2,4-Trisubstituted Oxazoles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10878-10882.	7.2	85
6	Isocyanide Insertion: De Novo Synthesis of Trifluoromethylated Phenanthridine Derivatives. <i>Organic Letters</i> , 2013, 15, 5520-5523.	2.4	109
7	Tandem Michael addition/isocyanide insertion into the C=C bond: a novel access to 2-acylpyrroles and medium-ring fused pyrroles. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7393.	1.5	41
8	Unexpected isocyanide-based cascade cycloaddition reaction with methyleneindolinone. <i>Chemical Communications</i> , 2013, 49, 10694.	2.2	36
9	Palladium-Catalyzed Synthesis of 2-Aminobenzoxazinones by Aerobic Oxidative Coupling of Anthranilic Acids and Isocyanides. <i>Journal of Organic Chemistry</i> , 2013, 78, 10469-10475.	1.7	35
10	Multicomponent Synthesis of 4-Aminophthalazin-1(2 <i>H</i>)-ones by Palladium-Catalyzed Isocyanide Insertion. <i>Journal of Organic Chemistry</i> , 2013, 78, 6735-6745.	1.7	47
11	Synthesis of 3-Acyl-2-arylindole <i>via</i> Palladium-catalyzed Isocyanide Insertion and Oxypalladation of Alkyne. <i>Organic Letters</i> , 2013, 15, 3754-3757.	2.4	73
12	Transition-metal-catalyzed additions of C-H bonds to C=X (X = N, O) multiple bonds <i>via</i> C-H bond activation. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5558.	1.5	106
13	Activation of Acetyl Ligands through Hydrogen Bonds: A New Way to Platinum(II) Complexes Bearing Protonated Iminoacetyl Ligands. <i>Organometallics</i> , 2013, 32, 7090-7106.	1.1	14
14	Synthesis of 6-Alkylated Phenanthridine Derivatives Using Photoredox Neutral Somophilic Isocyanide Insertion. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13289-13292.	7.2	265
15	Synthesis of 1,4-Benzoxazepine Derivatives <i>via</i> a Novel Domino Aziridine Ring-Opening and Isocyanide-Insertion Reaction. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3401-3406.	2.1	43
16	Synthesis of 1 <i>H</i> -indole-3-carboxamidines through a Palladium-Catalyzed Three-Component Reaction Involving Isocyanide Insertion as a Key Step. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3290-3294.	2.1	22
17	Generation of 4-Cyanoisoquinolines and 4-Amidylisoquinolines <i>via</i> a Palladium-Catalyzed Cyanative Reaction of 2-Alkynylbenzaldimines with Isocyanides. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3205-3209.	2.1	21
20	The Ugi four-component reaction as a concise modular synthetic tool for photo-induced electron transfer donor-anthraquinone dyads. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1006-1016.	1.3	9
21	A room-temperature synthesis of 2,2-bisoxazoles through palladium-catalyzed oxidative coupling of $\hat{\pm}$ -isocyanacetamides. <i>Organic Chemistry Frontiers</i> , 2014, 1, 1285-1288.	2.3	37

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23	Sustainable Three-Component Synthesis of Isothioureas from Isocyanides, Thiosulfonates, and Amines. <i>Angewandte Chemie</i> , 2014, 126, 13063-13068.	1.6	25
24	Synthesis of Isoxazoline-Functionalized Phenanthridines via Iminoxyl Radical-Participated Cascade Sequence. <i>Organic Letters</i> , 2014, 16, 6476-6479.	2.4	91
25	One pot synthesis of pyrrolo[3,4-c]quinolinone/pyrrolo[3,4-c]quinoline derivatives from 2-aminoarylacrylates/2-aminochalcones and tosylmethyl isocyanide (TosMIC). <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9471-9477.	1.5	24
26	Phenothiazine-Aromatic Hydrocarbon Acceptor Dyads as Photo-induced Electron Transfer Systems by Ugi Four-Component Reaction. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2014, 69, 541-553.	0.3	9
27	Synthesis of Diverse Azolo[<i>c</i>]quinazolines by Palladium(II)-Catalyzed Aerobic Oxidative Insertion of Isocyanides. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1205-1209.	2.1	26
28	Cobalt(II)-Catalyzed Isocyanide Insertion Reaction with Amines under Ultrasonic Conditions: A Divergent Synthesis of Ureas, Thioureas and Azaheterocycles. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 509-518.	2.1	61
29	Isocyanide-Based Multicomponent Reactions: Concise Synthesis of Spirocyclic Oxindoles with Molecular Complexity by Using a [1,5]-Hydrogen Shift as the Key Step. <i>Chemistry - A European Journal</i> , 2014, 20, 5905-5909.	1.7	50
30	Co(acac) ₂ /O ₂ -Mediated Oxidative Isocyanide Insertion with 2-Aryl Anilines: Efficient Synthesis of 6-Amino Phenanthridine Derivatives. <i>Organic Letters</i> , 2014, 16, 1260-1263.	2.4	93
31	Multicomponent reactions: advanced tools for sustainable organic synthesis. <i>Green Chemistry</i> , 2014, 16, 2958-2975.	4.6	989
32	Synthesis of Pyridopyrimidines by Palladium-Catalyzed Isocyanide Insertion. <i>ACS Catalysis</i> , 2014, 4, 40-43.	5.5	49
33	Pd-Catalyzed Oxidative Annulation of Hydrazides with Isocyanides: Synthesis of 2-Amino-1,3,4-oxadiazoles. <i>Organic Letters</i> , 2014, 16, 2342-2345.	2.4	78
34	Facile Synthesis of 4-H-Pyran Derivatives Bearing Indole Skeleton via [3+3] Cyclization of 3-Indolyl- β -oxopropanenitriles with Dialkyl Acetylenedicarboxylates and Isocyanides. <i>Chinese Journal of Chemistry</i> , 2014, 32, 381-386.	2.6	9
35	Silver-Catalyzed Cross-Coupling of Propargylic Alcohols with Isocyanides: An Atom-Economical Synthesis of 2,3-Allenamides. <i>Chemistry - A European Journal</i> , 2014, 20, 2154-2158.	1.7	65
36	Synthesis of 6-Phenanthridinephosphonates via a Radical Phosphonation and Cyclization Process Mediated by Manganese(III) Acetate. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 691-694.	1.3	33
37	Palladium-Catalyzed Tandem Intramolecular Oxy/Amino-Palladation/Isocyanide Insertion: Synthesis of \pm -Benzofuranyl/Indolylacetamides. <i>Organic Letters</i> , 2014, 16, 2908-2911.	2.4	82
38	Synthesis of 6-acyl phenanthridines by oxidative radical decarboxylation-cyclization of \pm -oxocarboxylates and isocyanides. <i>Chemical Communications</i> , 2014, 50, 2145-2147.	2.2	145
39	A Free-Radical Cascade Methylation/Cyclization of <i>N</i> -Arylacrylamides and Isocyanides with Dicumyl Peroxide. <i>Organic Letters</i> , 2014, 16, 5670-5673.	2.4	128
40	Copper-catalyzed three-component synthesis of 5-acetamidoimidazoles from carbodiimides, acyl chlorides and isocyanides. <i>Organic Chemistry Frontiers</i> , 2014, 1, 240.	2.3	29

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41	Palladium-catalyzed Imido-ylative Cyclization of α -isocyanoacetamides: Efficient Access to C2-Diversified Oxazoles. <i>Chemistry - A European Journal</i> , 2014, 20, 11220-11224.	1.7	65
42	NiCl ₂ -catalyzed cascade reaction of isocyanides with functionalized anilines. <i>Tetrahedron</i> , 2014, 70, 8079-8083.	1.0	26
43	Cationic isonitrile complexes of the CpFe(CO) ₂ fragment. <i>Journal of Organometallic Chemistry</i> , 2014, 774, 12-18.	0.8	6
44	Synthesis of 3-aryl-2-aminoquinolines: palladium-catalyzed cascade reactions of gem-dibromovinylanilines with tert-butyl isocyanide and arylboronic acids. <i>RSC Advances</i> , 2014, 4, 38258-38262.	1.7	11
45	Sustainable Three-Component Synthesis of Isothioureas from Isocyanides, Thiosulfonates, and Amines. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12849-12854.	7.2	94
46	Generation of 1-(trifluoromethyl)isoquinolines via a copper-catalyzed reaction of isoquinoline-N-oxide with Togni reagent. <i>Organic Chemistry Frontiers</i> , 2014, 1, 924-928.	2.3	23
47	A copper-mediated tandem reaction through isocyanide insertion into N-H bonds: efficient access to unsymmetrical tetrasubstituted ureas. <i>Chemical Communications</i> , 2014, 50, 1465-1468.	2.2	55
48	A convenient palladium-catalyzed carbonylative synthesis of quinazolines from 2-aminobenzylamine and aryl bromides. <i>RSC Advances</i> , 2014, 4, 56502-56505.	1.7	25
49	The copper-catalyzed tandem reaction of o-alkynylphenyl isothiocyanates with isocyanides: a rapid synthesis of 5H-benzo[d]imidazo[5,1-b][1,3]thiazines. <i>Chemical Communications</i> , 2014, 50, 11686-11689.	2.2	39
50	Depalladation of Neutral Monoalkyne- and Dialkyne-inserted Palladacycles and Alkyne Insertion/Depalladation Reactions of Cationic Palladacycles Derived from α -Triarylguanidines as Facile Routes for Guanidine-Containing Heterocycles/Carbocycles: Synthetic, Structural, and Mechanistic Aspects. <i>Organometallics</i> , 2014, 33, 5554-5565.	1.1	14
51	Synthesis of 4-substituted imino-4H-benzo[d][1,3]thiazin-2-amines via palladium-catalyzed isocyanide insertion in 2-bromophenylthioureas. <i>RSC Advances</i> , 2014, 4, 41433-41436.	1.7	16
52	Synthesis of isoquinolines via visible light-promoted insertion of vinyl isocyanides with diaryliodonium salts. <i>Chemical Communications</i> , 2014, 50, 6164.	2.2	109
53	A concise synthesis of (alkynyl)(trifluoromethyl)sulfanes via a bismuth-promoted reaction of trimethyl(alkynyl)silane with trifluoromethanesulfanylamide. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 7629-7633.	1.5	22
54	Generation of 1-amino-isoquinoline-N-oxides via a tandem reaction of 2-alkynylbenzaldoxime with secondary amines in the presence of silver(I) and copper(I). <i>Organic Chemistry Frontiers</i> , 2014, 1, 1045-1049.	2.3	19
55	Tandem Insertion-cyclization Reaction of Isocyanides in the Synthesis of 1,4-Diaryl-1H-imidazoles: Presence of Arylformimidate Intermediate. <i>Journal of Organic Chemistry</i> , 2014, 79, 9231-9245.	1.7	64
56	Triple Role of Phenylselenonyl Group Enabled a One-Pot Synthesis of 1,3-Oxazinan-2-ones From α -Isocyanoacetates, Phenyl Vinyl Selenones, and Water. <i>Journal of the American Chemical Society</i> , 2014, 136, 11524-11528.	6.6	77
57	Synthesis of 6-carboxylated phenanthridines by oxidative alkoxy-carbonylation-cyclization of 2-isocyanobiphenyls with carbazates. <i>Tetrahedron Letters</i> , 2014, 55, 5338-5341.	0.7	24
58	[3 + 3]-Cycloaddition Reactions of α -Acidic Isocyanides with 1,3-Dipolar Azomethine Imines. <i>Organic Letters</i> , 2014, 16, 4004-4007.	2.4	89

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59	Multicomponent Cascade Cycloaddition Involving Tropone, Allenoate, and Isocyanide: A Rapid Access to a 7,6,5-Fused Tricyclic Skeleton. <i>Organic Letters</i> , 2014, 16, 5604-5607.	2.4	60
60	Chemoselective Synthesis of Polycyclic Spiroindolines and Polysubstituted Pyrroles via the Domino Reaction of 2-Isocyanoethylindoles. <i>Journal of Organic Chemistry</i> , 2014, 79, 8577-8583.	1.7	36
61	Arylative Cyclization of 2-Isocyanobiphenyls with Anilines: One-Pot Synthesis of 6-Arylphenanthridines via Competitive Reaction Pathways. <i>Organic Letters</i> , 2014, 16, 2546-2549.	2.4	119
62	A Free Radical Cascade Cyclization of Isocyanides with Simple Alkanes and Alcohols. <i>Organic Letters</i> , 2014, 16, 3396-3399.	2.4	170
63	Carboxylic Acid Free Novel Isocyanide-Based Reactions. <i>Chemical Record</i> , 2014, 14, 101-116.	2.9	19
64	Palladium-Catalyzed Formylation of Aryl Halides with <i>tert</i> -Butyl Isocyanide. <i>Organic Letters</i> , 2014, 16, 3492-3495.	2.4	69
65	Insertion of Isocyanides across the Pd-C Bond of Phosphinoquinoline Allyl Palladium Complexes Bearing η^1 - and η^3 -Coordinated Allyl Groups. A Synthetic and Mechanistic Study. <i>Organometallics</i> , 2014, 33, 1700-1709.	1.1	15
66	Silver-catalyzed 2-isocyanobiaryls insertion/cyclization with phosphine oxides: synthesis of 6-phosphorylated phenanthridines. <i>Tetrahedron</i> , 2014, 70, 6985-6990.	1.0	45
67	A tandem reaction of 2-alkynylbenzaldoximes with cyclic ethers co-catalyzed by silver(I) triflate and copper(II) acetate. <i>Tetrahedron</i> , 2014, 70, 6728-6732.	1.0	15
68	Coupling of Isocyanide and η^4 -Aminocarbene Ligands in Diiron Complexes Promoted by Hydride Addition. <i>Organometallics</i> , 2014, 33, 3990-3997.	1.1	18
69	One-pot synthesis of 5-(furo[3,4-b]chromenyl)-5-hydroxybarbiturates via a three-component cascade reaction. <i>Tetrahedron Letters</i> , 2014, 55, 2249-2252.	0.7	13
70	One-pot synthesis of 2-amino-4(3H)-quinazolinones via ring-opening of isatoic anhydride and palladium-catalyzed oxidative isocyanide-insertion. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5766-5772.	1.5	31
71	Palladium-Catalyzed C(sp ²)-H Arylation Using Formamide as a Transformable Directing Group. <i>Journal of Organic Chemistry</i> , 2014, 79, 4751-4756.	1.7	19
72	Synthesis of phenanthridin-6-ylidiphosphine oxides by oxidative cyclization of 2-isocyanobiphenyls with diarylphosphine oxides. <i>Tetrahedron</i> , 2014, 70, 4652-4656.	1.0	53
73	Catalytic Isonitrile Insertions and Condensations Initiated by RNC-X Complexation. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2135-2196.	2.1	122
74	A Highly Efficient Copper(I)-Catalyzed Cascade Reaction of α -Alkenylphenyl Isothiocyanates with Isocyanides Leading to 5-Hydroxybenzoimidazo[5,1-b][1,3]thiazines. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6655-6660.	1.2	23
75	Preparation of 6-Difluoromethylphosphonated Phenanthridines by Visible-Light-Driven Radical Cyclization of 2-Isocyanobiphenyls. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6817-6821.	1.2	44
76	Synthesis and Reactivity of a Neutral, Three-Coordinate Platinum(II) Complex Featuring Terminal Amido Ligation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14498-14502.	7.2	10

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77	Modular Access to Tetrasubstituted Imidazolium Salts through Acid-Catalyzed Addition of Isocyanides to Propargylamines. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4383-4388.	1.2	17
79	Chemoselective Pd-Catalyzed Isocyanide Insertion Reaction of Enaminones by C-H Functionalization: Hydrolysis or Cyclization through 1,3-Palladium Migration. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4699-4709.	1.2	23
80	Palladium-catalyzed chemoselective synthesis of indane-1,3-dione derivatives via tert-butyl isocyanide insertion. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6782-6788.	1.5	23
81	Formal [4+1] Annulation Reactions in the Synthesis of Carbocyclic and Heterocyclic Systems. <i>Chemical Reviews</i> , 2015, 115, 5301-5365.	23.0	350
82	Synthesis of aryl nitriles by palladium-assisted cyanation of aryl iodides using tert-butyl isocyanide as cyano source. <i>Tetrahedron</i> , 2015, 71, 4883-4887.	1.0	31
83	Passerini three-component adducts as radical scavengers. <i>Tetrahedron Letters</i> , 2015, 56, 7028-7033.	0.7	6
84	Cobalt-Catalyzed Intermolecular Oxidative Isocyanide Insertion with Two Amines: An Approach to Guanidines. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 823-828.	2.1	44
85	NIS/CHP-mediated reaction of isocyanides with hydrazones: access to aminopyrazoles. <i>Organic Chemistry Frontiers</i> , 2015, 2, 259-264.	2.3	27
87	Pd-Catalyzed C(sp ²)-H Functionalization of Heteroarenes via Isocyanide Insertion: Concise Synthesis of Di-(Hetero)Aryl Ketones and Di-(Hetero)Aryl Alkylamines. <i>Chemistry - A European Journal</i> , 2015, 21, 4908-4912.	1.7	29
88	Palladium-Catalyzed Intramolecular C(sp ²)-H Imidoylation for the Synthesis of Six-Membered N-Heterocycles. <i>Journal of Organic Chemistry</i> , 2015, 80, 2223-2230.	1.7	61
89	Metal-Mediated and Metal-Catalyzed Reactions of Isocyanides. <i>Chemical Reviews</i> , 2015, 115, 2698-2779.	23.0	442
90	Synthesis of 4-amino-2-trifluoromethyl quinoline derivatives via palladium-catalyzed cascade reactions of isocyanides with N-(ortho-iodo)aryl enamines. <i>Journal of Organometallic Chemistry</i> , 2015, 783, 77-82.	0.8	14
91	Transition-Metal-Catalyzed Direct Addition of Unactivated C-H Bonds to Polar Unsaturated Bonds. <i>Chemical Reviews</i> , 2015, 115, 3468-3517.	23.0	668
92	Aminopalladation-Triggered Carbene Insertion Reaction: Synthesis of 1-(Indol-3-yl)acetates. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1060-1064.	2.1	17
93	Palladium-catalyzed intermolecular oxidative cyclization of N-aryl enamines with isocyanides through double sp ² C-H bonds cleavage: facile synthesis of 4-aminoquinoline derivatives. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4657-4660.	1.5	23
94	Palladium-Catalyzed Domino Synthesis of 4-Amino-3-acyl-2-naphthols via Isocyanide Chemoselective Insertion. <i>Journal of Organic Chemistry</i> , 2015, 80, 8183-8188.	1.7	12
95	Coupling cyclizations with fragmentations for the preparation of heteroaromatics: quinolines from o-alkenyl arylisocyanides and boronic acids. <i>Chemical Communications</i> , 2015, 51, 12831-12834.	2.2	50
96	C-N Coupling of Isocyanide Ligands Promoted by Acetylide Addition to Diiron Aminocarbene Complexes. <i>Organometallics</i> , 2015, 34, 3658-3664.	1.1	15

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97	Synthesis of Passerini adducts from aldehydes and isocyanides under the auxiliary of water. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1326-1333.	2.3	11
98	Synthesis of Pyrazolo[5,1- <i>a</i>]isoindoles and Pyrazolo[5,1- <i>a</i>]isoindole-3-carboxamides through One-Pot Cascade Reactions of 1-(2-Bromophenyl)buta-2,3-dien-1-ones with Isocyanide and Hydrazine or Acetohydrazide. <i>Journal of Organic Chemistry</i> , 2015, 80, 7447-7455.	1.7	20
99	Pd-catalyzed isocyanide insertion/nucleophilic attack by indole C-3/desulfonylation in the same pot: a direct access to indoloquinolines of pharmacological interest. <i>RSC Advances</i> , 2015, 5, 62966-62970.	1.7	15
100	Activation of boryl-, borylene and metalloborylene complexes by isonitriles. <i>Chemical Communications</i> , 2015, 51, 13032-13035.	2.2	23
101	Copper-Catalyzed Trifluoromethylalkynylation of Isocyanides. <i>Organic Letters</i> , 2015, 17, 2322-2325.	2.4	56
102	Bismuth(III) Bromide-catalysed Substitution of Benzyl Alcohols with Arylsulfonylmethyl Isocyanides: An Unexpected Access to Sulfinates. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1393-1397.	2.1	28
103	Radical 5-exo cyclization of alkynoates with 2-oxoacetic acids for synthesis of 3-acylcoumarins. <i>Organic Chemistry Frontiers</i> , 2015, 2, 670-673.	2.3	87
104	Carbon monoxide-isocyanide coupling promoted by acetylide addition to a diiron complex. <i>Chemical Communications</i> , 2015, 51, 8101-8104.	2.2	18
105	Recent advances in the synthesis of nitrogen heterocycles via radical cascade reactions using isonitriles as radical acceptors. <i>Chemical Society Reviews</i> , 2015, 44, 3505-3521.	18.7	634
106	One-Pot Synthesis of <i>N</i> -Substituted α -Amino Alcohols from Aldehydes and Isocyanides. <i>Chemistry - A European Journal</i> , 2015, 21, 7808-7813.	1.7	10
107	Cobalt/silver relay catalytic isocyanide insertion/cycloaddition cascades: a new access to pyrrolo[2,3- <i>b</i>]indoles. <i>Chemical Communications</i> , 2015, 51, 9519-9522.	2.2	83
108	The Literature of Heterocyclic Chemistry, Part XIII, 2012-2013. <i>Advances in Heterocyclic Chemistry</i> , 2015, 116, 193-363.	0.9	12
109	Copper-catalyzed <i>N</i> -Aryl α -Enaminonitrile Synthesis Utilizing Isocyanides as the Nitrogen Source. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1004-1012.	2.1	30
110	Synthesis of 3-Iminoindol-2-amines and Cyclic Enaminones via Palladium-Catalyzed Isocyanide Insertion-Cyclization. <i>Journal of Organic Chemistry</i> , 2015, 80, 5764-5770.	1.7	67
111	Microwave-assisted palladium-catalysed isonitrile insertion in 2-bromophenylureas for efficient synthesis of 4-substituted imino 4H-benzo[d][1,3]oxazin-2-amines. <i>RSC Advances</i> , 2015, 5, 28875-28878.	1.7	7
112	Palladium-catalyzed direct coupling of 2-vinylanilines and isocyanides: an efficient synthesis of 2-aminoquinolines. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11486-11491.	1.5	41
113	Copper-Promoted Cycloaddition of α -Methylenyl Isocyanides with Benzothiazoles: Tunable Access to Benzoimidazothiazoles. <i>Organic Letters</i> , 2015, 17, 5336-5339.	2.4	42
114	In situ generation and protonation of the isocyanide/acetylene adduct: a powerful catalyst-free strategy for multicomponent synthesis of ketenimines, aza-dienes, and heterocycles. <i>RSC Advances</i> , 2015, 5, 97044-97065.	1.7	63

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116	Synthesis of pyrazolo[5,1-a]isoquinolines via a silver(<i>i</i>)-catalyzed reaction of (1-arylethylidene)hydrazides with Na ⁺ -(2-alkynylbenzylidene)hydrazides. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11657-11662.	1.5	15
117	Ugi/Himbert Arene/Allene Diels-Alder Cycloaddition to Synthesize Strained Polycyclic Skeleton. <i>Journal of Organic Chemistry</i> , 2015, 80, 11100-11107.	1.7	26
118	3-Aza η -allyl palladium derived from imino migration in palladium-carbene: MCRs toward multiple substituted indole skeleton. <i>Chemical Communications</i> , 2015, 51, 14781-14784.	2.2	18
119	Synthesis of quinazolinimines and quinazolinamines from 2-fluorobenzonitriles under catalyst-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10656-10662.	1.5	16
120	Silver-catalyzed [3 + 2] cycloaddition of isocyanides with diazo compounds: new regioselective access to 1,4-disubstituted-1,2,3-triazoles. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1468-1474.	2.3	66
121	Indium(III) Chloride-Catalyzed Isocyanide Insertion Reaction to Construct Complex Spirooxindole. <i>Organic Letters</i> , 2015, 17, 4874-4877.	2.4	67
122	Radical Mechanism of Isocyanide-Alkyne Cycloaddition by Multicatalysis of Ag ₂ CO ₃ , Solvent, and Substrate. <i>ACS Catalysis</i> , 2015, 5, 6177-6184.	5.5	54
123	Light triggered addition/annulation of 2-isocyanobiphenyls toward 6-trifluoromethyl-phenanthridines under photocatalyst-free conditions. <i>RSC Advances</i> , 2015, 5, 76363-76367.	1.7	24
124	A palladium-catalyzed tandem reaction of 2-(2-bromobenzylidene)cyclobutanone with 2-alkynylphenol. <i>Chemical Communications</i> , 2015, 51, 16483-16485.	2.2	11
125	Pd-Catalyzed Isocyanide Assisted Reductive Cyclization of 1-(2-Hydroxyphenyl)-propargyl Alcohols for 2-Alkyl/Benzyl Benzofurans and Their Useful Oxidative Derivatization. <i>Journal of Organic Chemistry</i> , 2015, 80, 12311-12320.	1.7	33
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