

Chanjuan Xi

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243
ext. papers

4,643
ext. citations

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L-index

#	Paper	IF	Citations
161	Recent advances in nucleophile-triggered CO-incorporated cyclization leading to heterocycles. <i>Chemical Society Reviews</i> , 2019 , 48, 382-404	58.5	196
160	Cu-catalyzed double S-alkenylation of potassium sulfide: a highly efficient method for the synthesis of various thiophenes. <i>Organic Letters</i> , 2010 , 12, 3930-3	6.2	144
159	Copper-catalyzed carboxylation reactions using carbon dioxide. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 3666-76	3.9	115
158	Remarkable effect of copper chloride on diiodination of zirconacyclopentadienes. <i>Tetrahedron Letters</i> , 1997 , 38, 4099-4102	2	97
157	Conversion of zirconacyclopentadienes into metallocenes: Fagan-Nugent reaction and beyond. <i>Accounts of Chemical Research</i> , 2015 , 48, 935-46	24.3	91
156	Cu-catalyzed synthesis of diaryl thioethers and S-cycles by reaction of aryl iodides with carbon disulfide in the presence of DBU. <i>Journal of Organic Chemistry</i> , 2013 , 78, 5001-6	4.2	90
155	Selective Intermolecular Coupling of Alkynes with Nitriles and Ketones via beta,beta' Carbon-Carbon Bond Cleavage of Zirconacyclopentenes. <i>Journal of Organic Chemistry</i> , 1998 , 63, 6802-6806	4.2	82
154	Assembly of 3-substituted isocoumarins via a CuI-catalyzed domino coupling/addition/deacylation process. <i>Journal of Organic Chemistry</i> , 2012 , 77, 2331-6	4.2	76
153	Concise approach to benzisothiazol-3(2H)-one via copper-catalyzed tandem reaction of o-bromobenzamide and potassium thiocyanate in water. <i>Journal of Organic Chemistry</i> , 2012 , 77, 4148-51	4.2	76
152	CuCl-catalyzed ortho trifluoromethylation of arenes and heteroarenes with a pivalamido directing group. <i>Chemical Communications</i> , 2013 , 49, 4552-4	5.8	76
151	MeOTf- and TBD-Mediated Carbonylation of ortho-Arylanilines with CO ₂ Leading to Phenanthridinones. <i>Journal of Organic Chemistry</i> , 2016 , 81, 6672-6	4.2	73
150	Synthesis of 2-mercaptobenzothiazoles via DBU-promoted tandem reaction of o-haloanilines and carbon disulfide. <i>Organic Letters</i> , 2011 , 13, 3202-5	6.2	72
149	A protocol to 2-aminobenzimidazoles via copper-catalyzed cascade addition and cyclization of o-haloanilines and carbodiimides. <i>Journal of Organic Chemistry</i> , 2011 , 76, 3174-80	4.2	71
148	Cp ₂ TiCl ₂ -Catalyzed Regioselective Hydrocarboxylation of Alkenes with CO ₂ . <i>Organic Letters</i> , 2016 , 18, 2050-3	6.2	70
147	Alkyltriflate-triggered annulation of arylisothiocyanates and alkynes leading to multiply substituted quinolines through domino electrophilic activation. <i>Organic Letters</i> , 2014 , 16, 1120-3	6.2	67
146	-Arylation of oxime ethers using diaryliodonium salts through activation of inert C(sp)-H bonds using a palladium catalyst. <i>Chemical Science</i> , 2016 , 7, 1383-1387	9.4	66
145	Recent progress in copper-catalyzed electrophilic amination. <i>Catalysis Science and Technology</i> , 2014 , 4, 4169-4177	5.5	64

144	Intramolecular C-H...Metal Chelate Ring) Interactions as Structural Evidence for Metalloaromaticity in Bis(pyridine-2,6-diimine)RuII Complexes. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 1585-1588	2.3	61
143	Copper-catalyzed domino reactions for the synthesis of cyclic compounds. <i>Journal of Organic Chemistry</i> , 2014 , 79, 8507-15	4.2	60
142	CuCl-catalyzed aerobic oxidative reaction of primary aromatic amines. <i>Tetrahedron Letters</i> , 2008 , 49, 4011-4015	2	60
141	Domino N-H/C-H bond activation: copper-catalyzed synthesis of nitrogen-bridgehead heterocycles using azoles and 1,4-dihalo-1,3-dienes. <i>Organic Letters</i> , 2011 , 13, 228-31	6.2	56
140	1,1-Cycloaddition of oxalyl dichloride with dialkenylmetal compounds: formation of cyclopentadienone derivatives by the reaction of 1,4-dilithio-1,3-dienes or zirconacyclopentadienes with oxalyl chloride in the presence of CuCl. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8024-5	16.4	50
139	MeOTf-Induced Carboannulation of Isothiocyanates and Aryl Alkynes with C-S Bond Cleavage: Access to Indenones. <i>Organic Letters</i> , 2015 , 17, 4388-91	6.2	49
138	Copper-catalyzed electrophilic amination of alkenylzirconocenes with O-benzoylhydroxylamines: an efficient method for synthesis of enamines. <i>Organic Letters</i> , 2012 , 14, 4750-3	6.2	49
137	MeOTf-induced carboannulation of aryl nitriles and aromatic alkynes: a new metal-free strategy to construct indenones. <i>Chemical Communications</i> , 2014 , 50, 2775-7	5.8	48
136	A general copper-catalyzed coupling of azoles with vinyl bromides. <i>Journal of Organic Chemistry</i> , 2009 , 74, 6371-3	4.2	48
135	Remarkably efficient oxidative coupling of N,N-dialkylarylamines in water mediated by cerium(IV) ammonium nitrate. <i>Tetrahedron Letters</i> , 2005 , 46, 3909-3911	2	46
134	Metallo-Esterification of Alkynes: Reaction of Alkynes with Cp ₂ ZrEt ₂ and Chloroformate. <i>Journal of the American Chemical Society</i> , 2000 , 122, 3228-3229	16.4	45
133	Rh(III)-catalyzed cascade oxidative olefination/cyclization of picolinamides and alkenes via C-H activation. <i>Organic Letters</i> , 2014 , 16, 3142-5	6.2	43
132	Pd-catalyzed one-pot multicomponent coupling reaction for the highly regioselective synthesis of polysubstituted benzenes. <i>Organic Letters</i> , 2005 , 7, 347-9	6.2	43
131	Substrate-Controlled Transformation of Azobenzenes to Indazoles and Indoles via Rh(III)-Catalysis. <i>Journal of Organic Chemistry</i> , 2017 , 82, 512-520	4.2	42
130	Selective one carbon-carbon bond formation reaction of zirconacyclopentadienes with aryl iodides or alkynyl iodides. <i>Tetrahedron</i> , 1998 , 54, 715-726	2.4	42
129	Cross coupling-conjugate addition reaction of zirconacyclopentadienes with 3-iodopropenoates. <i>Tetrahedron Letters</i> , 1998 , 39, 4321-4324	2	42
128	Cu-catalyzed arylcarbocyclization of alkynes with diaryliodonium salts through C-C bond formation on inert C(sp ³)-H bond. <i>Organic Letters</i> , 2014 , 16, 3776-9	6.2	41
127	Preparation of 1,2,3-trisubstituted cyclopentadienes and tetrahydroindene derivatives from zirconacyclopentenes. <i>Tetrahedron Letters</i> , 1996 , 37, 7521-7524	2	41

- 126 On the conditions and mechanism of PtO₂ formation in the photoinduced conversion of H₂PtCl₆. *Journal of Photochemistry and Photobiology A: Chemistry*, **1994**, 81, 177-182 4.7 40
- 125 Photoredox-catalyzed dicarbofunctionalization of styrenes with amines and CO₂: a convenient access to β-amino acids. *Green Chemistry*, **2020**, 22, 5961-5965 10 40
- 124 Direct vicinal disubstitution of diaryliodonium salts by pyridine N-oxides and N-amidates by a 1,3-radical rearrangement. *Angewandte Chemie - International Edition*, **2013**, 52, 7574-8 16.4 39
- 123 Highly active Pd(II) catalysts with pyridylbenzoimidazole ligands for the Heck reaction. *Journal of Organometallic Chemistry*, **2007**, 692, 4381-4388 2.3 39
- 122 Surface properties of Pt/CdS and mechanism of photocatalytic dehydrogenation of aqueous alcohol. *Journal of Photochemistry and Photobiology A: Chemistry*, **1993**, 71, 85-96 4.7 39
- 121 Copper-Catalyzed Carboxylation of Alkenylzirconocenes with Carbon Dioxide Leading to β -Unsaturated Carboxylic Acids. *Organic Letters*, **2015**, 17, 5112-5 6.2 37
- 120 cis-Fashioned palladium (II) complexes of 2-phenylbenzimidazole ligands: Synthesis, characterization, and catalytic behavior towards Suzuki-Miyaura reaction. *Journal of Organometallic Chemistry*, **2008**, 693, 3842-3846 2.3 37
- 119 Intermolecular Coupling Reaction of Alkynes with Vinyl Bromide with Selective Skeletal Rearrangement. *Journal of the American Chemical Society*, **1997**, 119, 4561-4562 16.4 36
- 118 Highly regioselective cyclotrimerization of terminal alkynes catalyzed by Fe(II) complexes bearing 2-(benzimidazolyl)-6-(1-(arylimino)ethyl)pyridines. *Catalysis Communications*, **2011**, 12, 489-492 3.2 31
- 117 Copper-catalyzed tandem S-alkylation and S-alkenylation of sodium sulfide: synthesis of 2,3-dihydrothiophenes and thiophenes. *Tetrahedron Letters*, **2013**, 54, 1475-1477 2 29
- 116 Light-Mediated Carboxylation Using Carbon Dioxide. *ChemSusChem*, **2020**, 13, 6201-6218 8.3 29
- 115 Copper-Promoted Tandem Reaction of Azobenzenes with Allyl Bromides via N-N Bond Cleavage for the Regioselective Synthesis of Quinolines. *Organic Letters*, **2015**, 17, 5836-9 6.2 28
- 114 A Highly Efficient Ruthenium(II) Catalyst with (1,2-Diarylvinyl)phosphine Ligands for Direct Ortho Arylation of 2-Arylpyridine with Aryl Chlorides. *Organometallics*, **2010**, 29, 3222-3226 3.8 28
- 113 Copper-Catalyzed Double N-Vinylation of Aromatic Amines: An Efficient Synthesis of Various Substituted N-Arylpyrroles. *European Journal of Organic Chemistry*, **2010**, 2010, 5426-5431 3.2 28
- 112 Regioselective nitration of N,N-dialkylanilines using cerium(IV) ammonium nitrate in acetonitrile. *Tetrahedron Letters*, **2005**, 46, 8781-8783 2 28
- 111 Reaction of zirconacycles with 3-iodopropenoates and 3-iodocycloenones in the presence of CuCl: A new pathway for the formation of cyclopentadienes and spirocyclic compounds. *Journal of Organic Chemistry*, **2000**, 65, 945-50 4.2 28
- 110 1,1-Cycloaddition of zirconacyclopentadienes to propynoates. *Chemical Communications*, **1997**, 2069-2070 3.8 27
- 109 Coupling Reactions of 1,4-Dicuprio-1,3-dienes: Formation of Carbocycles. *European Journal of Organic Chemistry*, **2004**, 2004, 647-650 3.2 27

108	Reaction of oxazirconacyclopentenes with propynoates. A new pathway for the formation of 2,5-dihydrofuran derivatives. <i>Tetrahedron Letters</i> , 1999 , 40, 2375-2378	2	27
107	Copper-mediated amidation of alkenylzirconocenes with acyl azides: formation of enamides. <i>Organic Letters</i> , 2013 , 15, 5174-7	6.2	25
106	Protonated DBU as catalyst for cascade addition-cyclization of 2-alkynylaniline and carbon disulfide. <i>Tetrahedron Letters</i> , 2013 , 54, 2357-2361	2	25
105	Copper-catalyzed one-pot synthesis of 2-thioxo-2,3-dihydroquinazolin-4(1H)-ones from ortho-bromobenzamides and isothiocyanates. <i>Tetrahedron Letters</i> , 2011 , 52, 231-235	2	25
104	One-pot approach for the regioselective synthesis of β -keto sulfones based on acid-catalyzed reaction of sulfonyl chlorides with arylacetylenes and water. <i>Tetrahedron Letters</i> , 2005 , 46, 513-515	2	25
103	Effects of H ⁺ , Cl ⁻ and CH ₃ COOH on the photocatalytic conversion of PtCl ₆ ²⁻ in aqueous TiO ₂ dispersion. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1995 , 87, 249-255	4.7	25
102	Cyclotrimerization of terminal alkynes catalyzed by the system of NiCl ₂ /Zn and (benzimidazolyl)-6-(1-(arylimino)ethyl)pyridines. <i>Dalton Transactions</i> , 2013 , 42, 13327-30	4.3	24
101	I ₂ -Mediated oxidative bicyclization of 4-pentenamines to prolinol carbamates with CO ₂ incorporating oxyamination of the CC bond. <i>Green Chemistry</i> , 2017 , 19, 4515-4519	10	24
100	Copper-catalyzed oxidation of arene-fused cyclic amines to cyclic imides. <i>Chemical Communications</i> , 2013 , 49, 10650-2	5.8	23
99	Copper-catalyzed amination of alkenyl halides: efficient method for the synthesis of enamines. <i>Organic Letters</i> , 2010 , 12, 2951-3	6.2	23
98	I ₂ -Mediated 2H-indazole synthesis via halogen-bond-assisted benzyl C-H functionalization. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 9912-9918	3.9	23
97	Zirconacycle-mediated synthesis of carbocycles. <i>Science Bulletin</i> , 2010 , 55, 3235-3247		22
96	Zirconocene-catalyzed sequential ethylcarboxylation of alkenes using ethylmagnesium chloride and carbon dioxide. <i>Chemical Communications</i> , 2015 , 51, 6640-2	5.8	21
95	Preparation of diynes via selective bisalkynylation of zirconacycles. <i>Journal of Organic Chemistry</i> , 2000 , 65, 6951-7	4.2	21
94	Substituent-Dependent Selective Replacement of Alkyne Moieties of Zirconacyclopentadienes via C-C Bond Cleavage Reaction. <i>Chemistry Letters</i> , 1996 , 25, 1003-1004	1.7	21
93	MeOTf-catalyzed annulation of aldehydes and arylalkynes leading to 2,3-disubstituted indanones. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 1116-1119	5.2	20
92	Coupling reactions of zirconate complexes induced by carbonyl compounds. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8120-3	16.4	20
91	Reduction of CO into Methylene Coupled with the Formation of C-S Bonds under NaBH ₄ /I System. <i>Organic Letters</i> , 2018 , 20, 6678-6681	6.2	20

- 90 MeOTf-Mediated Annulation of Alkyl nitriles and Arylalkynes Leading to Polysubstituted NH-Pyrroles. *Journal of Organic Chemistry*, **2017**, 82, 11391-11398 4.2 19
- 89 Lewis Base Promoted Reduction of CO₂ with BH₃NH₃ into Boryl Formates: CO₂ as a Carbon Source in Organic Synthesis Under Mild Conditions. *European Journal of Organic Chemistry*, **2018**, 2018, 1739-1743 4.2 19
- 88 Nickel-Catalyzed Arylative Carboxylation of Alkynes with Arylmagnesium Reagents and Carbon Dioxide Leading to Trisubstituted Acrylic Acids. *Organic Letters*, **2018**, 20, 4131-4134 6.2 18
- 87 1,4-Dioxane-Tuned Catalyst-Free Methylation of Amines by CO and NaBH₄. *ChemSusChem*, **2018**, 11, 2296-2299 6.2 17
- 86 Cycloaddition reaction of zirconacyclopentadienes to quinones: synthesis of higher para-quinones. *Organic Letters*, **2006**, 8, 4055-8 6.2 17
- 85 Metallo-phosphorylation of alkynes: reaction of alkynes with Cp₂Zr(1-butene)(PR₃) and chlorophosphate. *Chemical Communications*, **2003**, 2736-7 5.8 17
- 84 Cp₂TiCl₂-catalyzed hydrocarboxylation of alkynes with CO₂: formation of β -unsaturated carboxylic acids. *RSC Advances*, **2017**, 7, 3534-3539 3.7 16
- 83 Generation of benzocyclobutadiene derivatives from zirconaindene derivatives. *Journal of Organic Chemistry*, **2006**, 71, 5373-6 4.2 16
- 82 Direct cleavage of the NN bond of azobenzenes by MeOTf leading to N-arylbenzimidazoles. *Organic Chemistry Frontiers*, **2014**, 1, 657-660 5.2 15
- 81 CuCl-catalyzed reaction of zirconacyclopentenes with oxalyl chloride: a new pathway for the preparation of cyclopentenones. *Tetrahedron Letters*, **2009**, 50, 5434-5436 2 15
- 80 A Convenient Metal-Free Method for the Synthesis of Benzothiazolethiones from o-Haloanilines and Carbon Disulfide. *Synthesis*, **2012**, 44, 1477-1480 2.9 15
- 79 Copper-mediated electrophilic imination of alkenylzirconocenes with O-benzoyl ketoximes and aldoximes. *Chemical Communications*, **2013**, 49, 5513-5 5.8 14
- 78 A concise and efficient synthesis of benzimidazo[1,2-c]quinazolines through CuI-catalyzed intramolecular N-arylations. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 2365-9 2.5 14
- 77 Synthesis of 3-Substituted Isocoumarin Derivatives via CuI-Catalyzed Reaction of o-Bromobenzamides with 1,3-Diketones. *Synthesis*, **2012**, 44, 1892-1897 2.9 14
- 76 Metallophosphination of Alkynes: Efficient Synthesis of β -Functionalized Alkenylphosphines. *Organometallics*, **2007**, 26, 1084-1088 3.8 14
- 75 Palladaphosphacyclobutenes as catalysts in Heck and Suzuki reactions. *Applied Organometallic Chemistry*, **2008**, 22, 341-345 3.1 14
- 74 Acid-Promoted Reaction of Sulfonyl Chlorides with Alkenes: New Approach to the Regioselective Synthesis of β -Hydroxyl Sulfone Derivatives. *Synlett*, **2004**, 2004, 1595-1597 2.2 14
- 73 Synthesis and Characterization of Novel Four-Membered Palladacycles. *Organometallics*, **2008**, 27, 152-158 3.8 13

72	Self-assembly of dinuclear $M_2Cl_4(C_{13}H_9N_3)_2$: stepwise supramolecular array by π -stacking. <i>Inorganic Chemistry Communication</i> , 2002 , 5, 667-670	3.1	13
71	Visible-light-triggered direct keto-difluoroacetylation of styrenes with (fluorosulfonyl)difluoroacetate and dimethyl sulfoxide leads to β -difluoroacetylated ketones. <i>Chemical Communications</i> , 2019 , 55, 10980-10983	5.8	12
70	Copper-Mediated Reaction of Zirconacyclopentadienes with Azides: A One-Pot Three-Component Synthesis of Multiply Substituted Pyrroles from One Azide and Two Alkynes. <i>Organometallics</i> , 2013 , 32, 6182-6185	3.8	12
69	Palladium-Catalyzed Tandem N-Vinylation and Cyclization of Anilines and Haloenynes: An Efficient Approach to Substituted Quinolines. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 2659-2664	5.6	12
68	Reactivity of alkynylzirconates towards allyl bromides: selective formation of β -allyl-zirconacyclopentadienes. <i>Chemical Communications</i> , 2010 , 46, 7801-3	5.8	12
67	Zr-promoted linear coupling of alkynes to generate bis(allene)s. <i>Chemical Communications</i> , 2009 , 6026-85.8	12	
66	Zirconocene-promoted coupling reaction of terminal acetylenes to geminal enediynes in the presence of p-chloranil. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 4612-4617	2.3	12
65	Metallo-phosphorylation of alkenes: a highly regioselective reaction of zirconocene-alkene complexes with chlorophosphate. <i>Tetrahedron</i> , 2006 , 62, 6295-6302	2.4	12
64	Advances in transmetalation reactions originated from organozirconium compounds. <i>Coordination Chemistry Reviews</i> , 2017 , 350, 275-284	23.2	11
63	2-Iminopyridylpalladium dichloride as highly active catalyst for the Heck reaction. <i>Applied Organometallic Chemistry</i> , 2007 , 21, 641-644	3.1	11
62	Titanocene-Catalyzed Sequential Carbocarbonylation of Dienes and Alkenes with Organic Halides and Carbon Dioxide in the Presence of nBuMgCl. <i>ChemCatChem</i> , 2019 , 11, 3814-3817	5.2	10
61	CuCl ₂ -catalyzed one-pot formation of tetrahydroquinolines from N-methyl-N-alkylanilines and vinyl ethers in the presence of t-butylhydroperoxide. <i>Molecules</i> , 2006 , 11, 978-87	4.8	10
60	Effect of lithium chloride on allylation of zirconacyclopentadienes. <i>Tetrahedron Letters</i> , 2004 , 45, 595-598	10	
59	Cobalt-Catalyzed Reductive Carbonylation of Aryl Bromides with Carbon Dioxide. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 2337-2341	5.6	9
58	Preparation of 2-phospholene derivatives from zirconacyclopentenes. <i>Tetrahedron Letters</i> , 2010 , 51, 6136-6138	2	9
57	Oxidative Coupling Reaction of N,N-Dialkylanilines with Cerium(IV) Ammonium Nitrate in the Solid State. <i>Synthetic Communications</i> , 2006 , 36, 2413-2419	1.7	9
56	Michael addition reactions of Grignard reagents to 2-halogenoacrylates: a convenient method for the synthesis of polysubstituted cyclopropane compounds. <i>Tetrahedron Letters</i> , 2004 , 45, 6067-6069	2	9
55	Synthesis of molybdenum complex with novel P(OH) ₃ ligand based on the one-pot reaction of Mo(CO) ₆ with HP(O)(OEt) ₂ and water. <i>Inorganic Chemistry Communication</i> , 2004 , 7, 1202-1204	3.1	9

54	Direct C–C Bond Formation of Allylic Alcohols with CO ₂ toward Carboxylic Acids by Photoredox/Nickel Dual Catalysis. <i>ACS Catalysis</i> , 2781-2787	13.1	9
53	Visible-Light-Induced Catalyst-Free Carboxylation of Acylsilanes with Carbon Dioxide. <i>Organic Letters</i> , 2021, 23, 2303-2307	6.2	9
52	Iodine-catalyzed aerobic oxidation of o-alkylazoarenes to 2H-indazoles. <i>Tetrahedron</i> , 2017, 73, 1311-1316.	6.4	8
51	Reduction of CO with NaBH ₄ /I for the Conversion of Thiophenols to Aryl Methyl Sulfides. <i>Journal of Organic Chemistry</i> , 2019, 84, 8661-8667	4.2	8
50	Triflates-Triggered Intermolecular Cyclization of Carbodiimides Leading to 2-Aminoquinazolinone and 2,4-Diaminoquinazoline Derivatives. <i>Organic Letters</i> , 2018, 20, 2148-2151	6.2	8
49	Chemoselective Phosphination of Titanacyclobutene: A Convenient Method for Synthesis of Allylphosphine Derivatives. <i>Organometallics</i> , 2014, 33, 844-846	3.8	8
48	Reactivity of [(2-Phosphino)ethenyl]zirconocene Chloride toward CpM(CO) ₃ Cl (M = Mo, W): Formation of [(3-Phosphino)propenoyl]dicarbonyl(cyclopentadienyl)metal, {CpM(CO) ₂ [(CO)CR ² CRPh ₂]}. <i>Organometallics</i> , 2009, 28, 6827-6830	3.8	8
47	Regioselective Zirconophosphination of 1-Alkenes: A Versatile Route for the Synthesis of β -Functionalized Alkyldiphenylphosphine Oxides in the Presence of CuCl. <i>Organometallics</i> , 2008, 27, 3834-3839	3.8	8
46	Metallo-phosphorylation of olefins: reaction of diethyl chlorophosphate with zirconocene-ethylene complex. <i>Chemical Communications</i> , 2001, 2554-2555	5.8	8
45	Cycloaddition of Zirconacyclopentadiene with 2-Bromoacrylate, 2-Bromoacrylaldehyde, and 3-Bromofuran-2,5-dione in the Presence of CuCl: A New Pathway for the Formation of Benzene Derivatives and Isobenzofuran-1,3-dione. <i>Synthetic Communications</i> , 2010, 40, 570-579	1.7	7
44	2-Pyridylquinoxaline derivatives as N,N-ligands for palladium-catalyzed Suzuki-Miyaura reaction. <i>Applied Organometallic Chemistry</i> , 2009, 23, 329-332	3.1	7
43	Grignard reagent mediated reaction of Cp ₂ Zr(II)-ethylene complex with imines. <i>Chemical Communications</i> , 2001, 31-32	5.8	7
42	MeOTf-induced annulation of arylisocyanates and arylalkynes leading to 4-methoxyl-2,3-diarylquinolines. <i>Tetrahedron Letters</i> , 2018, 59, 2440-2442	2	7
41	Multifaceted zirconate complexes in organic synthesis. <i>Coordination Chemistry Reviews</i> , 2016, 308, 22-31.	23.2	6
40	β -Methylation of 2-Arylacetonitrile by a Trimethylamine-Borane/CO System. <i>Journal of Organic Chemistry</i> , 2019, 84, 9744-9749	4.2	6
39	Reactivity of Alkynylzirconate toward β -Unsaturated Carbonyl Compounds. <i>Organometallics</i> , 2013, 32, 869-873	3.8	6
38	One-Pot Coupling of Two Alkynes and One Alkene for Formation of Cyclohexene Derivatives via Zirconacyclopentadienes. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 950-952	5.1	6
37	Recent Advance of Transition-Metal-Catalyzed Tandem Carboxylation Reaction of Unsaturated Hydrocarbons with Organometallic Reagents and CO ₂ . <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 80	3	6

- 36 Highly efficient synthesis of polyfluorinated 2-mercaptobenzothiazole derivatives. *Journal of Fluorine Chemistry*, **2018**, 212, 130-136 2.1 5
- 35 Synthesis of polyfluorinated benzofurans. *Journal of Fluorine Chemistry*, **2019**, 227, 109371 2.1 5
- 34 Convenient One-Step Synthesis of cis-2,4,5-Triarylimidazolines from Aromatic Aldehydes with Urea. *Synthetic Communications*, **2012**, 42, 905-913 1.7 5
- 33 Copper-Mediated Reaction of Oxazirconacyclopentenes with But-2-ynedioates: A New Pathway for the Formation of β -Methylene- δ -Lactone Derivatives. *Organometallics*, **2011**, 30, 5077-5079 3.8 5
- 32 ROTf-induced annulation of heteroatom reagents and unsaturated substrates leading to cyclic compounds. *Royal Society Open Science*, **2018**, 5, 181389 3.3 5
- 31 Potassium complexes containing bidentate pyrrole ligands: synthesis, structures, and catalytic activity for the cyclotrimerization of isocyanates. *Dalton Transactions*, **2019**, 48, 8116-8121 4.3 4
- 30 Concise and Efficient Synthesis of Indole-Indolone Scaffolds through MeOTf-Induced Annulation of -(2-Cyanoaryl)indoles. *ACS Omega*, **2019**, 4, 18734-18740 3.9 4
- 29 Synthesis, characterization, and catalytic activity of (1,2-Diaryl)alkenylphosphine palladium complexes. *Polyhedron*, **2013**, 52, 1323-1328 2.7 4
- 28 Coupling Reactions of Zirconate Complexes Induced by Carbonyl Compounds. *Angewandte Chemie*, **2009**, 121, 8264-8267 3.6 4
- 27 Ce(SO₄)₂-Mediated Nitration of N,N-Dialkylanilines with NaNO₂ in Water. *Synthetic Communications*, **2007**, 37, 3381-3392 1.7 4
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