

Chien-Hong Cheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9018882/publications.pdf>

Version: 2024-02-01

300
papers

20,306
citations

7069

78
h-index

17055

122
g-index

440
all docs

440
docs citations

440
times ranked

10332
citing authors

#	ARTICLE	IF	CITATIONS
1	Nickel-Catalyzed Denitrogenative Cyclization of 1,2,3,4-Benzothiazin-1,1(2 <i>H</i>)-dioxides with Arynes To Synthesize Biaryl Sultams. <i>Organic Letters</i> , 2022, 24, 2915-2920.	2.4	4
2	Increase the molecular length and donor strength to boost horizontal dipole orientation for high-efficiency OLEDs. <i>Journal of Materials Chemistry C</i> , 2022, 10, 9241-9248.	2.7	3
3	Functional Pyrene- <i>π</i> -Pyridine-Integrated Hole-Transporting Materials for Solution-Processed OLEDs with Reduced Efficiency Roll-Off. <i>ACS Omega</i> , 2021, 6, 10515-10526.	1.6	12
4	Molecular Engineering for the Development of a Discotic Nematic Mesophase and Solid-State Emitter in Deep-Blue OLEDs. <i>Journal of Organic Chemistry</i> , 2021, 86, 7256-7262.	1.7	5
5	Triarylamine- <i>π</i> -Pyridine- <i>π</i> -Carbonitriles for Organic Light-Emitting Devices with EQE Nearly 40%. <i>Advanced Materials</i> , 2021, 33, e2008032.	11.1	97
6	Constitutional isomers of carbazole- <i>π</i> -benzoyl-pyrimidine-based thermally activated delayed fluorescence emitters for efficient OLEDs. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15900-15909.	2.7	6
7	High-performing <i>D</i> -benzothiadiazole-based hybrid local and charge-transfer emitters in solution-processed OLEDs. <i>Journal of Materials Chemistry C</i> , 2020, 8, 17009-17015.	2.7	19
8	Transition-Metal-Free Tandem Cyclization/ <i>N</i> -Arylation Reaction: A Method To Access Biaryl Sultam Derivatives via a Diradical Pathway. <i>Organic Letters</i> , 2020, 22, 6623-6627.	2.4	16
9	Synthesis of Quinolinium Salts from <i>N</i> -Substituted Anilines, Aldehydes, Alkynes, and Acids: Theoretical Understanding of the Mechanism and Regioselectivity. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2116-2129.	1.2	1
10	Diboron-Based Delayed Fluorescent Emitters with Orange-to-Red Emission and Superior Organic Light-Emitting Diode Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 23199-23206.	4.0	64
11	Frontispiece: Reaching Green: Heterocycle Synthesis by Transition Metal-Catalyzed <i>C</i> -H Functionalization in Sustainable Medium. <i>Chemistry - A European Journal</i> , 2019, 25, .	1.7	0
12	Fe-catalyzed hydrohalogenative cyclization of cyclohexadienone-containing enynes. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 1221-1226.	0.8	2
13	Re ^I -Catalyzed highly regio- and stereoselective <i>C</i> -H addition to terminal and internal alkynes. <i>Organic Chemistry Frontiers</i> , 2019, 6, 432-436.	2.3	15
14	Reaching Green: Heterocycle Synthesis by Transition Metal-Catalyzed <i>C</i> -H Functionalization in Sustainable Medium. <i>Chemistry - A European Journal</i> , 2019, 25, 9366-9384.	1.7	52
15	Pyridine-Carbonitrile- <i>π</i> -Carbazole-Based Delayed Fluorescence Materials with Highly Congested Structures and Excellent OLED Performance. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 21042-21048.	4.0	40
16	Exciplex Organic Light-Emitting Diodes with Nearly 20% External Quantum Efficiency: Effect of Intermolecular Steric Hindrance between the Donor and Acceptor Pair. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 19294-19300.	4.0	34
17	Quinolinylmethanone-Based Thermally Activated Delayed Fluorescence Emitters and the Application in OLEDs: Effect of Intramolecular H-Bonding. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 17128-17133.	4.0	30
18	Steric Switching for Thermally Activated Delayed Fluorescence by Controlling the Dihedral Angles between Donor and Acceptor in Organoboron Emitters. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 10768-10776.	4.0	49

#	ARTICLE	IF	CITATIONS
19	Effects of intramolecular hydrogen bonding on the conformation and luminescence properties of dibenzoylpyridine-based thermally activated delayed fluorescence materials. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13104-13110.	2.7	16
20	Co(III)-Catalyzed [4+1] Annulation of Amides with Allenes via C-H Activation. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1140-1145.	2.1	29
21	Diboron compound-based organic light-emitting diodes with high efficiency and reduced efficiency roll-off. <i>Nature Photonics</i> , 2018, 12, 235-240.	15.6	669
22	Rhenium(I)-Catalyzed <i>ortho</i> -C-H Addition to Bicyclic Alkenes. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1664-1668.	1.7	22
23	Fickle Reactivity of Allenes in Transition-Metal-Catalyzed C-H Functionalizations. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1151-1163.	1.3	62
24	Synthesis of 1,2-Dihydroquinolines by Co(III)-Catalyzed [3 + 3] Annulation of Anilides with Benzylallenes. <i>ACS Catalysis</i> , 2018, 8, 1880-1883.	5.5	57
25	Isomerization Reaction of <i>mer</i> - to <i>fac</i> -Tris(2-phenylpyridinato-N,C2 κ^2)Iridium(III) Monitored by Using Surface-Enhanced Raman Spectroscopy. <i>Inorganic Chemistry</i> , 2018, 57, 4448-4455.	1.9	6
26	Recent Advances in the Synthesis of Quaternary Ammonium Salts via Transition-Metal-Catalyzed C-H Bond Activation. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 11-23.	0.8	25
27	Cobalt-Catalyzed Annulation Reactions via C-H Bond Activation. <i>ChemCatChem</i> , 2018, 10, 683-705.	1.8	139
28	Nickel-Catalyzed Denitrogenative Annulation of 1,2,3,4-Benzotriazin-4-ones with Benzyne for Construction of Phenanthridinone Scaffolds. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 284-289.	2.1	39
29	Nickel-Catalyzed Denitrogenative <i>ortho</i> -Arylation of Benzotriazinones with Organic Boronic Acids: an Efficient Route to Losartan and Irbesartan Drug Molecules. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4784-4789.	2.1	18
30	Enabling a 6.5% External Quantum Efficiency Deep-Blue Organic Light-Emitting Diode with a Solution-Processable Carbazole-Based Emitter. <i>Journal of Physical Chemistry C</i> , 2018, 122, 24295-24303.	1.5	23
31	Synthesis of Trisubstituted Acrylic Acids through Nickel-Catalyzed Carbomagnesiation of Alkynes and Carbon Dioxide Fixation. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6924-6928.	1.2	3
32	Hydroarylations by cobalt-catalyzed C-H activation. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 2266-2288.	1.3	39
33	Controlled Synthesis of Enantioselective 1-Aminoindenes via Cobalt-Catalyzed [3 + 2] Annulation Reaction. <i>ACS Catalysis</i> , 2018, 8, 9364-9369.	5.5	28
34	Impact of the Valence Charge of Transition Metals on the Cobalt- and Rhodium-Catalyzed Synthesis of Indenamines, Indenols, and Isoquinolinium Salts: A Catalytic Cycle Involving M^{III}/M^V [M = Co, Rh] for [4 + 2] Annulation. <i>Journal of Organic Chemistry</i> , 2018, 83, 7814-7824.	1.7	6
35	Molecular Design of Highly Efficient Thermally Activated Delayed Fluorescence Hosts for Blue Phosphorescent and Fluorescent Organic Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2017, 29, 1527-1537.	3.2	85
36	Facile one-pot synthesis of 2,3-dihydro-1H-indolizinium derivatives by rhodium(κ^3)-catalyzed intramolecular oxidative annulation via C-H activation: application to ficuseptine synthesis. <i>Chemical Communications</i> , 2017, 53, 2491-2494.	2.2	22

#	ARTICLE	IF	CITATIONS
37	Thermally activated delayed fluorescence emitters with a m,m-di-tert-butyl-carbazolyl benzoylpyridine core achieving extremely high blue electroluminescence efficiencies. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2919-2926.	2.7	48
38	Nickel-catalyzed highly chemo- and stereoselective borylative cyclization of 1,6-enynes with bis(pinacolato)diboron. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1615-1619.	2.3	21
39	Synthesis of isoquinolones via Rh-catalyzed C-H activation of substituted benzamides using air as the sole oxidant in water. <i>Green Chemistry</i> , 2017, 19, 3219-3224.	4.6	84
40	High-Performance Organic Light-Emitting Diode with Substitutionally Boron-Doped Graphene Anode. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 14998-15004.	4.0	43
41	Cobalt-Catalyzed Mild Ring-Opening Addition of Arenes C-H Bond to Oxabicyclic Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 513-518.	2.1	50
42	Experimental and Theoretical Studies on Iron-Promoted Oxidative Annulation of Arylglyoxal with Alkyne: Unusual Addition and Migration on the Aryl Ring. <i>Journal of the American Chemical Society</i> , 2017, 139, 17015-17021.	6.6	26
43	A simple route to 1,4-addition reactions by Co-catalyzed reductive coupling of organic tosylates and triflates with activated alkenes. <i>Chemical Communications</i> , 2017, 53, 11584-11587.	2.2	13
44	New Molecular Design Concurrently Providing Superior Pure Blue, Thermally Activated Delayed Fluorescence and Optical Out-Coupling Efficiencies. <i>Journal of the American Chemical Society</i> , 2017, 139, 10948-10951.	6.6	361
45	Access to Isoquinolin-1(2H)-ones and Pyridones by Cobalt-Catalyzed Oxidative Annulation of Amides with Allenes. <i>ChemCatChem</i> , 2017, 9, 273-277.	1.8	57
46	Synthesis of Vinyl Carboxylic Acids using Carbon Dioxide as a Carbon Source by Iron-Catalyzed Hydromagnesiation. <i>ChemCatChem</i> , 2016, 8, 2210-2213.	1.8	33
47	Direct Synthesis of Protoberberine Alkaloids by Rh-Catalyzed C-H Bond Activation as the Key Step. <i>Chemistry - A European Journal</i> , 2016, 22, 1800-1804.	1.7	36
48	Cobalt-Catalyzed Oxidative Annulation of Nitrogen-Containing Arenes with Alkynes: An Atom-Economical Route to Heterocyclic Quaternary Ammonium Salts. <i>Angewandte Chemie</i> , 2016, 128, 1876-1880.	1.6	54
49	Easy Access to α -Amino and α -Carbon Substituted Isoquinolines via Cobalt-Catalyzed C-H/Ni-O Bond Activation. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 774-783.	2.1	114
50	Cobalt-Catalyzed Oxidative Annulation of Nitrogen-Containing Arenes with Alkynes: An Atom-Economical Route to Heterocyclic Quaternary Ammonium Salts. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1844-1848.	7.2	190
51	Diastereoselective [3+2] Annulation of Aromatic/Vinylic Amides with Bicyclic Alkenes through Cobalt-Catalyzed C-H Activation and Intramolecular Nucleophilic Addition. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4308-4311.	7.2	148
52	A versatile ferrocene-containing material as a p-type charge generation layer for high-performance full color tandem OLEDs. <i>Chemical Communications</i> , 2016, 52, 14294-14297.	2.2	15
53	Diastereoselective [3+2] Annulation of Aromatic/Vinylic Amides with Bicyclic Alkenes through Cobalt-Catalyzed C-H Activation and Intramolecular Nucleophilic Addition (<i>Angew. Chem.</i>)		
54	Cobalt(III)-Catalyzed [5 + 1] Annulation for 2-Chromenes Synthesis via Vinylic C-H Activation and Intramolecular Nucleophilic Addition. <i>ACS Catalysis</i> , 2016, 6, 3909-3913.	5.5	122

#	ARTICLE	IF	CITATIONS
55	Superior upconversion fluorescence dopants for highly efficient deep-blue electroluminescent devices. <i>Chemical Science</i> , 2016, 7, 4044-4051.	3.7	76
56	Palladium-Catalyzed C-H Activation and Cyclization of Anilides with 2-Iodoacetates and 2-Iodobenzoates: An Efficient Method toward Oxindoles and Phenanthridones. <i>Synthesis</i> , 2016, 48, 1872-1879.	1.2	15
57	A Method for Reducing the Singlet-Triplet Energy Gaps of TADF Materials for Improving the Blue OLED Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 27026-27034.	4.0	87
58	Palladium-Catalyzed Selective Aryl Ring C-H Activation of <i>N</i> -Acyl-2-aminobiaryls: Efficient Access to Multiaryl-Substituted Naphthalenes. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3642-3648.	2.1	20
59	Benzoylpyridine-carbazole based TADF materials and devices (Conference Presentation). , 2016, , .		0
60	Rhodium-Catalyzed Regioselective Synthesis of Isoindolium Salts from 2-Arylpyridines and Alkenes in Aqueous Medium under Oxygen. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3381-3386.	2.1	17
61	Diastereoselective [3+2] Annulation of Aromatic/Vinylic Amides with Bicyclic Alkenes through Cobalt-Catalyzed C-H Activation and Intramolecular Nucleophilic Addition. <i>Angewandte Chemie</i> , 2016, 128, 4380-4383.	1.6	36
62	Advancements in the Synthesis and Applications of Cationic <i>N</i> -Heterocycles through Transition Metal-Catalyzed C-H Activation. <i>Chemistry - an Asian Journal</i> , 2016, 11, 448-460.	1.7	122
63	Ruthenium-Catalyzed C-H Alkynylation of Aromatic Amides with Hypervalent Iodine-Alkyne Reagents. <i>Organic Letters</i> , 2016, 18, 3314-3317.	2.4	47
64	A concise synthesis of quinolinium, and biquinolinium salts and biquinolines from benzylic azides and alkenes promoted by copper(<i>sc</i>) species. <i>RSC Advances</i> , 2016, 6, 63390-63397.	1.7	9
65	A thermally activated delayed blue fluorescent emitter with reversible externally tunable emission. <i>Journal of Materials Chemistry C</i> , 2016, 4, 900-904.	2.7	52
66	A New Molecular Design Based on Thermally Activated Delayed Fluorescence for Highly Efficient Organic Light Emitting Diodes. <i>Journal of the American Chemical Society</i> , 2016, 138, 628-634.	6.6	365
67	<i>m</i> -Indolocarbazole Derivative as a Universal Host Material for RGB and White Phosphorescent OLEDs. <i>Advanced Functional Materials</i> , 2015, 25, 5548-5556.	7.8	111
68	Cobalt-Catalyzed Dual Annulation of <i>o</i> -Halobenzaldimine with Alkyne: A Powerful Route toward Bioactive Indenoisoquinolinones. <i>Chemistry - A European Journal</i> , 2015, 21, 9544-9549.	1.7	18
69	Rhodium(III)-Catalyzed [4+1] Annulation of Aromatic and Vinylic Carboxylic Acids with Allenes: An Efficient Method Towards Vinyl-Substituted Phthalides and 2-Furanones. <i>Chemistry - A European Journal</i> , 2015, 21, 9198-9203.	1.7	81
70	Rh-catalyzed oxidizing group-directed ortho C-H vinylation of arenes by vinylstannanes. <i>Chemical Communications</i> , 2015, 51, 13362-13364.	2.2	43
71	Ligand-Controlled Divergent C-H Functionalization of Aldehydes with Enynes by Cobalt Catalysts. <i>Journal of the American Chemical Society</i> , 2015, 137, 16116-16120.	6.6	130
72	Copper promoted synthesis of substituted quinolines from benzylic azides and alkynes. <i>RSC Advances</i> , 2015, 5, 106012-106018.	1.7	19

#	ARTICLE	IF	CITATIONS
73	Rhodium(III)-Catalyzed Vinyl C-H Activation: A Direct Route toward Pyridinium Salts. <i>Organic Letters</i> , 2015, 17, 924-927.	2.4	69
74	Rhodium(III)-Catalyzed in situ Oxidizing Directing Group-Assisted C-H Bond Activation and Olefination: A Route to α -Vinylanilines. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 761-766.	2.1	38
75	Rhodium(III)-Catalyzed <i>ortho</i> -Arylation of Anilides with Aryl Halides. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 366-370.	2.1	43
76	Transition-Metal-Catalyzed β -Bond-Assisted C-H Bond Functionalization: An Emerging Trend in Organic Synthesis. <i>Chemistry - an Asian Journal</i> , 2015, 10, 824-838.	1.7	168
77	Bromo induced reversible distinct color switching of a structurally simple donor-acceptor molecule by vapo, piezo and thermal stimuli. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3329-3335.	2.7	47
78	Rh ^{III} -Catalyzed [4 + 1] Annulations of 2-Hydroxy- and 2-Aminobenzaldehydes with Allenes: A Simple Method toward 3-Coumaranones and 3-Indolinones. <i>Organic Letters</i> , 2015, 17, 3846-3849.	2.4	73
79	Cooperative C(sp ³)-H and C(sp ²)-H Activation of 2-Ethylpyridines by Copper and Rhodium: A Route toward Quinolinium Salts. <i>ACS Catalysis</i> , 2015, 5, 4837-4841.	5.5	55
80	A Universal Electron-Transporting/Exciton-Blocking Material for Blue, Green, and Red Phosphorescent Organic Light-Emitting Diodes (OLEDs). <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 10466-10474.	4.0	51
81	Cobalt Catalysis Involving π Components in Organic Synthesis. <i>Accounts of Chemical Research</i> , 2015, 48, 1194-1206.	7.6	239
82	A high triplet energy, high thermal stability oxadiazole derivative as the electron transporter for highly efficient red, green and blue phosphorescent OLEDs. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1491-1496.	2.7	61
83	Rh ^{III} -catalyzed dual directing group assisted sterically hindered C-H bond activation: a unique route to meta and ortho substituted benzofurans. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9105-9108.	1.5	41
84	[4+2] vs [3+2] Annulations in the Nickel- and Cobalt-Catalyzed Reaction of <i>ortho</i> -Haloimines with Alkynes: Differential Reactivity towards the Synthesis of Isoquinolines and Aminoindenes. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 59-66.	0.8	10
85	Regioselective Synthesis of Indoles via Rhodium-Catalyzed C-H Activation Directed by an In Situ Generated Redox-Neutral Group. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1571-1576.	2.1	99
86	Ene-Carbonyl Reductive Coupling for the Synthesis of 3,3-Disubstituted Phthalide, 3-Hydroxyisoindolin-1-one and 3-Hydroxyoxindole Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 831-842.	2.1	17
87	Ruthenium(II)-Catalyzed C-H Bond Activation: An Efficient Route toward Indenamines. <i>ChemCatChem</i> , 2014, 6, 2692-2697.	1.8	35
88	Palladium-Catalyzed Dehydrogenative β -Arylation of Simple Saturated Carbonyls by Aryl Halides. <i>ACS Catalysis</i> , 2014, 4, 4485-4489.	5.5	40
89	Rh(^{III})-catalyzed synthesis of 1-substituted isoquinolinium salts via a C-H bond activation reaction of ketimines with alkynes. <i>Chemical Communications</i> , 2014, 50, 3106-3108.	2.2	49
90	Cobalt-Catalyzed Hydroarylation Cyclization of 1,6-Enynes with Aromatic Ketones and Esters via C-H Activation. <i>Organic Letters</i> , 2014, 16, 4208-4211.	2.4	72

#	ARTICLE	IF	CITATIONS
91	Highly efficient orange and deep-red organic light emitting diodes with long operational lifetimes using carbazole-quinoline based bipolar host materials. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6183-6191.	2.7	79
92	One-Pot Synthesis of Highly Substituted Polyheteroaromatic Compounds by Rhodium(III)-Catalyzed Multiple C-H Activation and Annulation. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9889-9892.	7.2	146
93	Nickel-Catalyzed Regio- and Stereoselective Reductive Coupling of Oxa- and Azabicyclic Alkenes with Enones and Electron-Rich Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2239-2246.	2.1	21
94	Synthesis of Substituted Quinolines by Iron(III)-Catalyzed Three-Component Coupling Reaction of Aldehydes, Amines, and Styrenes. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 303-308.	1.3	18
95	Alkene-Assisted Nickel-Catalyzed Regioselective 1,4-Addition of Organoboronic Acid to Dienones: A Direct Route to All-Carbon Quaternary Centers. <i>Organic Letters</i> , 2014, 16, 2806-2809.	2.4	13
96	Highly efficient deep-red organic electrophosphorescent devices with excellent operational stability using bis(indoloquinolyl) derivatives as the host materials. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5084.	2.7	36
97	Cu(I)-catalyzed intramolecular oxidative C-H amination of 2-aminoacetophenones: a convenient route toward isatins. <i>Chemical Communications</i> , 2013, 49, 8540.	2.2	68
98	Nickel-Catalyzed Chemo- and Stereoselective Alkenylative Cyclization of 1,6-Enynes with Alkenyl Boronic Acids. <i>Chemistry - A European Journal</i> , 2013, 19, 12212-12216.	1.7	19
99	A convenient synthesis of quinolizinium salts through Rh(III) or Ru(II)-catalyzed C-H bond activation of 2-alkenylpyridines. <i>Chemical Communications</i> , 2013, 49, 8528.	2.2	76
100	Synthesis of Isoquinolines via Rh(III)-Catalyzed C-H Activation Using Hydrazone as a New Oxidizing Directing Group. <i>Organic Letters</i> , 2013, 15, 5750-5753.	2.4	163
101	Rh(III)-Catalyzed C-H Activation: A Versatile Route towards Various Polycyclic Pyridinium Salts. <i>Chemistry - A European Journal</i> , 2013, 19, 14181-14186.	1.7	89
102	A highly luminescent spiro-anthracenone-based organic light-emitting diode exhibiting thermally activated delayed fluorescence. <i>Chemical Communications</i> , 2013, 49, 10385-10387.	2.2	198
103	One pot synthesis of bioactive benzopyranones through palladium-catalyzed C-H activation and CO insertion into 2-arylphenols. <i>Chemical Communications</i> , 2013, 49, 11797.	2.2	72
104	Copper-Catalyzed Intramolecular Oxidative C-H Functionalization and C-N Formation of 2-Aminobenzophenones: Unusual Pseudo-1,2-Shift of the Substituent on the Aryl Ring. <i>Chemistry - A European Journal</i> , 2013, 19, 460-464.	1.7	68
105	Nickel-catalyzed regio- and diastereoselective intermolecular three-component coupling of oxabicyclic alkenes with alkynes and organoboronic acids. <i>Chemical Communications</i> , 2013, 49, 1557.	2.2	28
106	Rhodium(III)-Catalyzed Synthesis of Cinnolinium Salts from Azobenzenes and Alkynes: Application to the Synthesis of Indoles and Cinnolines. <i>Chemistry - A European Journal</i> , 2013, 19, 6198-6202.	1.7	119
107	Pd-Catalyzed η^6 -Chelation Assisted <i>ortho</i> -C-H Activation and Annulation of Allylarenes with Internal Alkynes. <i>Organic Letters</i> , 2013, 15, 2084-2087.	2.4	69
108	New Iridium Dopants for White Phosphorescent Devices: Enhancement of Efficiency and Color Stability by an Energy-Harvesting Layer. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6168-6175.	4.0	42

#	ARTICLE	IF	CITATIONS
109	Ene-Carbonyl Reductive Coupling Mediated by Zinc and Ammonia for the Synthesis of β -Hydroxybutyric Acid Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1338-1344.	2.1	28
110	Synthesis of Phenanthridinones from <i>N</i> -Methoxybenzamides and Aryltriethoxysilanes through Rh ^{III} -Catalyzed C-H and N-H Bond Activation. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2175-2181.	1.7	68
111	Synthesis of isochromenones and oxepines via Pd-catalyzed cascade cyclization of alkynes and benzyne involving C-H activation. <i>Chemical Communications</i> , 2012, 48, 6580.	2.2	41
112	Rhodium(III)-Catalyzed Oxidative C-H Coupling of <i>N</i> -Methoxybenzamides with Aryl Boronic Acids: One-Pot Synthesis of Phenanthridinones. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12343-12347.	7.2	168
113	Cobalt(II)-Catalyzed 1,4-Addition of Organoboronic Acids to Activated Alkenes: An Application to Highly <i>cis</i> -Stereoselective Synthesis of Aminoindane Carboxylic Acid Derivatives. <i>Chemistry - A European Journal</i> , 2012, 18, 14918-14922.	1.7	24
114	Ru(II)-Catalyzed Amidation of 2-Arylpyridines with Isocyanates via C-H Activation. <i>Organic Letters</i> , 2012, 14, 4262-4265.	2.4	127
115	Allylic Carbon-Carbon Double Bond Directed Pd-Catalyzed Oxidative <i>ortho</i> -Olefination of Arenes. <i>Journal of the American Chemical Society</i> , 2012, 134, 5738-5741.	6.6	149
116	Synthesis of Diimidazolylstilbenes as π -Type Blue Fluorophores: Alternative Dopant Materials for Highly Efficient Electroluminescent Devices. <i>Advanced Materials</i> , 2012, 24, 5867-5871.	11.1	110
117	Regio- and Enantioselective Cobalt-Catalyzed Reductive [3+2] Cycloaddition Reaction of Alkynes with Cyclic Enones: A Route to Bicyclic Tertiary Alcohols. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10592-10595.	7.2	43
118	Pd-catalyzed double C-H bond activation of diaryl ketones for the synthesis of fluorenones. <i>Chemical Communications</i> , 2012, 48, 9379.	2.2	102
119	Ru(II)-Catalyzed C-H Bond Activation for the Synthesis of Substituted Isoquinolinium Salts from Benzaldehydes, Amines, and Alkynes. <i>Organic Letters</i> , 2012, 14, 3478-3481.	2.4	133
120	Synthesis and physical properties of meta-terphenyloxadiazole derivatives and their application as electron transporting materials for blue phosphorescent and fluorescent devices. <i>Journal of Materials Chemistry</i> , 2012, 22, 17792.	6.7	30
121	Nickel-Catalyzed Cyclization of <i>ortho</i> - α -keto oximes and <i>ortho</i> - α -keto imines with Alkynes: Synthesis of Highly Substituted Isoquinolines and Isoquinolinium Salts. <i>Chemistry - an Asian Journal</i> , 2012, 7, 306-313.	1.7	33
122	Synthesis of <i>trans</i> -Disubstituted Alkenes by Cobalt-Catalyzed Reductive Coupling of Terminal Alkynes with Activated Alkenes. <i>Chemistry - A European Journal</i> , 2012, 18, 11771-11777.	1.7	24
123	Iron-Catalyzed Synthesis of β -Chlorovinyl and β -Alkynyl Ketones from Terminal and Silylated Alkynes with Acid Chlorides. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 457-468.	2.1	34
124	One-Pot Synthesis of Isoquinolinium Salts by Rhodium-Catalyzed C-H Bond Activation: Application to the Total Synthesis of Oxchelerythrine. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 197-200.	7.2	257
125	Synthesis of biarylketones and phthalides from organoboronic acids and aldehydes catalyzed by cobalt complexes. <i>Chemical Communications</i> , 2011, 47, 10461.	2.2	59
126	Highly efficient deep-blue organic electroluminescent devices doped with hexaphenylanthracene fluorophores. <i>Journal of Materials Chemistry</i> , 2011, 21, 8122.	6.7	37

#	ARTICLE	IF	CITATIONS
127	Synthesis and photo- and electroluminescence properties of 3,6-disubstituted phenanthrenes: alternative host material for blue fluorophores. <i>Chemical Communications</i> , 2011, 47, 8865.	2.2	28
128	Enantioselective Synthesis of \hat{I}^2 -Substituted Cyclic Ketones via Cobalt-Catalyzed Asymmetric Reductive Coupling of Alkynes with Alkenes. <i>Journal of the American Chemical Society</i> , 2011, 133, 6942-6944.	6.6	86
129	The Chemical Society Located in Taipei. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2852-2855.	1.7	0
130	Nickel-Catalyzed Cross-Coupling of Aryl Phosphates with Arylboronic Acids. <i>Journal of Organic Chemistry</i> , 2011, 76, 2338-2344.	1.7	101
131	Platinum Phosphors Containing an Aryl-modified \hat{I}^2 -diketonate: Unusual Effect of Molecular Packing on Photo- and Electroluminescence. <i>Advanced Functional Materials</i> , 2011, 21, 3150-3158.	7.8	49
132	Host and Dopant Materials for Idealized Deep-Red Organic Electrophosphorescence Devices. <i>Advanced Materials</i> , 2011, 23, 2981-2985.	11.1	187
133	Wide-Range Color Tuning of Iridium Biscarbene Complexes from Blue to Red by Different \hat{N} Ligands: an Alternative Route for Adjusting the Emission Colors. <i>Advanced Materials</i> , 2011, 23, 4933-4937.	11.1	201
134	Synthesis of \hat{I}^2 -Hydroxy Carboxylic Acids via a Nickel(II)-Catalyzed Hydrogen Transfer Process. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1918-1922.	2.1	45
135	Regioselective Synthesis of Indenols by Rhodium-Catalyzed $\hat{C}\hat{I}$ Activation and Carbocyclization of Aryl Ketones and Alkynes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4169-4172.	7.2	273
136	Synthesis of Phenanthridinones from \hat{N} -Methoxybenzamides and Arenes by Multiple Palladium-Catalyzed $\hat{C}\hat{I}$ Activation Steps at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9880-9883.	7.2	208
137	Design and Synthesis of Iridium Bis(carbene) Complexes for Efficient Blue Electrophosphorescence. <i>Chemistry - A European Journal</i> , 2011, 17, 9180-9187.	1.7	129
138	Pd-Catalyzed Multiple $\hat{C}\hat{I}$ Functionalization to Construct Biologically Active Compounds from Aryl Aldoxime Ethers with Arenes. <i>Chemistry - A European Journal</i> , 2011, 17, 14723-14726.	1.7	56
139	Efficient organic light-emitting devices with platinum-complex emissive layer. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	30
140	Platinum-Catalyzed Multi-Step Reaction of Propargyl Alcohols with \hat{N} -Heteroaromatics. <i>Chemistry - an Asian Journal</i> , 2010, 5, 141-146.	1.7	16
141	Synthesis of \hat{N} -Arylated 1,2-Dihydroheteroaromatics Through the Three-Component Reaction of Arynes with \hat{N} -Heteroaromatics and Terminal Alkynes or Ketones. <i>Chemistry - an Asian Journal</i> , 2010, 5, 153-159.	1.7	66
142	A Highly Efficient Universal Bipolar Host for Blue, Green, and Red Phosphorescent OLEDs. <i>Advanced Materials</i> , 2010, 22, 2468-2471.	11.1	540
143	Protecting-Group-Free Total Synthesis of Isoquinoline Alkaloids by Nickel-Catalyzed Annulation of \hat{O} -Halobenzaldimine with an Alkyne as the Key Step. <i>Chemistry - A European Journal</i> , 2010, 16, 282-287.	1.7	69
144	One-Pot Synthesis of Diarylmethylidenefluorenes and Phenanthrenes by Palladium-Catalyzed Multiple $\hat{C}\hat{I}$ Bond Functionalization. <i>Chemistry - A European Journal</i> , 2010, 16, 1436-1440.	1.7	68

#	ARTICLE	IF	CITATIONS
145	Cobalt-Catalyzed Addition Reaction of Organoboronic Acids with Aldehydes: Highly Enantioselective Synthesis of Diarylmethanols. <i>Chemistry - A European Journal</i> , 2010, 16, 8989-8992.	1.7	84
146	Highly efficient organic light-emitting diodes (OLEDs) based on an iridium complex with rigid cyclometalated ligand. <i>Organic Electronics</i> , 2010, 11, 632-640.	1.4	14
147	Highly efficient white organic light-emitting diodes based on broad excimer emission of iridium complex. <i>Organic Electronics</i> , 2010, 11, 1165-1171.	1.4	19
148	Cobalt-catalyzed regio- and stereoselective intermolecular enyne coupling: an efficient route to 1,3-diene derivatives. <i>Chemical Communications</i> , 2010, 46, 1923-1925.	2.2	72
149	Synthesis of Phenanthrone Derivatives from <i>sec</i> -Alkyl Aryl Ketones and Aryl Halides via a Palladium-Catalyzed Dual C-H Bond Activation and Enolate Cyclization. <i>Journal of the American Chemical Society</i> , 2010, 132, 8569-8571.	6.6	208
150	Highly Selective Nickel-Catalyzed Three-Component Coupling of Alkynes with Enones and Alkenyl Boronic Acids: A Novel Route to Substituted 1,3-Dienes. <i>Organic Letters</i> , 2010, 12, 3610-3613.	2.4	35
151	Synthesis of Highly Substituted Isoquinolone Derivatives by Nickel-Catalyzed Annulation of 2-Halobenzamides with Alkynes. <i>Organic Letters</i> , 2010, 12, 3518-3521.	2.4	94
152	Iridium(III) complexes with cyclometalated styrylbenzimidazole ligands: Synthesis, electrochemistry and as highly efficient emitters for organic light-emitting diodes. <i>Synthetic Metals</i> , 2010, 160, 1906-1911.	2.1	23
153	Direct Synthesis of Arylketones by Nickel-Catalyzed Addition of Arylboronic Acids to Nitriles. <i>Organic Letters</i> , 2010, 12, 1736-1739.	2.4	107
154	Triptycene derivatives as high-T _g host materials for various electrophosphorescent devices. <i>Journal of Materials Chemistry</i> , 2010, 20, 798-805.	6.7	55
155	Rhodium-Catalyzed Gram-Scale Synthesis of Highly Substituted Pyridine Derivatives. <i>Synthesis</i> , 2009, 2009, 1400-1402.	1.2	11
156	Isoquinolinium Salts from <i>o</i> -Halobenzaldehydes, Amines, and Alkynes Catalyzed by Nickel Complexes: Synthesis and Applications. <i>Chemistry - A European Journal</i> , 2009, 15, 10727-10731.	1.7	69
157	A Cooperative Copper- and Palladium-Catalyzed Three-Component Coupling of Benzyne, Allylic Epoxides, and Terminal Alkynes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 391-394.	7.2	90
158	Nickel-Catalyzed Borylative Coupling of Alkynes, Enones, and Bis(pinacolato)diboron as a Route to Substituted Alkenyl Boronates. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2192-2195.	7.2	66
159	High-efficient phosphorescent iridium(III) complexes with benzimidazole ligand for organic light-emitting diodes: Synthesis, electrochemistry and electroluminescent properties. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2415-2420.	0.8	16
160	On the Improvement of Blue Emission for All sp ² -Hybridized Bistriphenylenyls: Incorporating Phenylene Moieties To Enhance Film Amorphism. <i>Journal of Physical Chemistry C</i> , 2009, 113, 7405-7410.	1.5	8
161	Cobalt-Catalyzed Regioselective Synthesis of Pyrrolidinone Derivatives by Reductive Coupling of Nitriles and Acrylamides. <i>Journal of the American Chemical Society</i> , 2009, 131, 18252-18253.	6.6	45
162	High Energy Gap OLED Host Materials for Green and Blue PHOLED Materials. <i>Journal of Display Technology</i> , 2009, 5, 236-240.	1.3	11

#	ARTICLE	IF	CITATIONS
163	Fullerene Derivatives Incorporating Phosphoramidous Ylide and Phosphoramidate: Synthesis and Property. <i>Journal of Organic Chemistry</i> , 2009, 74, 4866-4869.	1.7	17
164	Easy Access to Isoquinolines and Tetrahydroquinolines from Ketoximes and Alkynes via Rhodium-Catalyzed C-H Bond Activation. <i>Journal of Organic Chemistry</i> , 2009, 74, 9359-9364.	1.7	170
165	Synthesis, characterization, and electroluminescent properties of iridium complex containing 4-phenylbenzoquinoline ligand. <i>Synthetic Metals</i> , 2009, 159, 2070-2074.	2.1	6
166	Cobalt- and Nickel-Catalyzed Regio- and Stereoselective Reductive Coupling of Alkynes, Allenes, and Alkenes with Alkenes. <i>Chemistry - A European Journal</i> , 2008, 14, 10876-10886.	1.7	155
167	Cobalt-Catalyzed Regioselective Synthesis of Indenamine from <i>o</i> -Iodobenzaldimine and Alkyne: Intriguing Difference to the Nickel-Catalyzed Reaction. <i>Chemistry - A European Journal</i> , 2008, 14, 9503-9506.	1.7	79
168	Cobalt(II)-Catalyzed Regio- and Stereoselective Hydroarylation of Alkynes with Organoboronic Acids. <i>Chemistry - A European Journal</i> , 2008, 14, 11296-11299.	1.7	90
169	Regioselective Synthesis of β -Amino Esters, Nitriles, Sulfones, and Pyrrolidinones by Nickel-Catalyzed Reductive Coupling of Aldimines and Activated Alkenes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4892-4895.	7.2	52
170	Synthesis of Fluorenones from Aromatic Aldoxime Ethers and Aryl Halides by Palladium-Catalyzed Dual C-H Activation and Heck Cyclization. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9462-9465.	7.2	183
171	A Highly Efficient Host/Dopant Combination for Blue Organic Electrophosphorescence Devices. <i>Advanced Functional Materials</i> , 2008, 18, 485-491.	7.8	120
172	Synthesis of a highly phosphorescent emitting iridium(III) complex and its application in OLEDs. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2798-2802.	0.8	17
173	Synthesis and electroluminescent properties of Ir complexes with benzo[<i>c</i>]acridine or 5,6-dihydro-benzo[<i>c</i>]acridine ligands. <i>Thin Solid Films</i> , 2008, 516, 6186-6190.	0.8	18
174	Rhodium-Catalyzed One-Pot Synthesis of Substituted Pyridine Derivatives from β -Unsaturated Ketoximes and Alkynes. <i>Organic Letters</i> , 2008, 10, 325-328.	2.4	303
175	Palladium-catalyzed three-component coupling of arynes with allylic acetates or halides and terminal alkynes promoted by cuprous iodide. <i>Chemical Communications</i> , 2008, , 2158.	2.2	41
176	Synthesis and luminescent properties of Ir complexes with fluorine substituted phenylpyridine derivative ligands. <i>Synthetic Metals</i> , 2008, 158, 912-916.	2.1	3
177	Transition metal-catalyzed three-component coupling of allenenes and the related allylation reactions. <i>Chemical Communications</i> , 2008, , 3101.	2.2	122
178	Copper-catalyzed three-component coupling of arynes, terminal alkynes and activated alkenes. <i>Chemical Communications</i> , 2008, , 5013.	2.2	31
179	O-Dihaloarenes as aryne precursors for nickel-catalyzed [2 + 2 + 2] cycloaddition with alkynes and nitriles. <i>Chemical Communications</i> , 2008, , 2992.	2.2	80
180	On the Nanoaggregated Emitter of All sp^2 -Hybridized Bistriphenylenyl in the Device Layout of Organic Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2008, 112, 3097-3102.	1.5	6

#	ARTICLE	IF	CITATIONS
181	New Catalytic Reactions of Oxa- and Azabicyclic Alkenes. <i>Accounts of Chemical Research</i> , 2007, 40, 971-983.	7.6	197
182	Cobalt-Catalyzed Intramolecular [2 + 2 + 2] Cocyclootrimerization of Nitrilediynes: An Efficient Route to Tetra- and Pentacyclic Pyridine Derivatives. <i>Organic Letters</i> , 2007, 9, 505-508.	2.4	89
183	Cobalt-Catalyzed Diastereoselective Reductive [3 + 2] Cycloaddition of Allenes and Enones. <i>Journal of the American Chemical Society</i> , 2007, 129, 4166-4167.	6.6	85
184	Cobalt-Catalyzed Reductive Coupling of Activated Alkenes with Alkynes. <i>Journal of the American Chemical Society</i> , 2007, 129, 12032-12041.	6.6	104
185	Highly Efficient Cyclization of <i>o</i> -Iodobenzoates with Aldehydes Catalyzed by Cobalt Bidentate Phosphine Complexes: A Novel Entry to Chiral Phthalides. <i>Chemistry - A European Journal</i> , 2007, 13, 4356-4363.	1.7	105
186	Platinum-Catalyzed Multistep Reactions of Indoles with Alkynyl Alcohols. <i>Chemistry - A European Journal</i> , 2007, 13, 8285-8293.	1.7	85
187	Nickel-Catalyzed Coupling of Arynes, Alkenes, and Boronic Acids: Dual Role of the Boronic Acid. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5921-5924.	7.2	92
188	Nickel-Catalyzed Mizoroki-Heck versus Michael Type Addition of Organoboronic Acids to Unsaturated Alkenes through Fine-Tuning of Ligands. <i>Chemistry - an Asian Journal</i> , 2007, 2, 1409-1416.	1.7	44
189	Cobalt-Catalyzed Aryl-Sulfur Bond Formation. <i>Organic Letters</i> , 2006, 8, 5613-5616.	2.4	416
190	Palladium-catalyzed carbopalladation and carbocyclization of arynes with aryl halides: a highly efficient route to functionalized triphenylenes. <i>Chemical Communications</i> , 2006, , 894.	2.2	71
191	Cobalt-Catalyzed Reductive Coupling of Saturated Alkyl Halides with Activated Alkenes. <i>Journal of Organic Chemistry</i> , 2006, 71, 655-658.	1.7	67
192	Nickel-Catalyzed Cyclization of 2-Iodoanilines with Arylalkynes: An Efficient Route for Quinoline Derivatives. <i>Journal of Organic Chemistry</i> , 2006, 71, 7079-7082.	1.7	132
193	Reaction of arynes, N-heteroaromatics and nitriles. <i>Chemical Communications</i> , 2006, , 2454.	2.2	94
194	Nickel-Catalyzed Synthesis of Benzocoumarins: Application to the Total Synthesis of Arnottin I. <i>Journal of Organic Chemistry</i> , 2006, 71, 8312-8315.	1.7	53
195	Palladium-Catalyzed Multistep Reactions Involving Ring Closure of 2-Iodophenoxyallenes and Ring Opening of Bicyclic Alkenes. <i>Organic Letters</i> , 2006, 8, 621-623.	2.4	37
196	Study on carrier transport of thick OLEDs. , 2006, 6192, 293.		0
197	Study of ion bombardment effect for Alq3 films. <i>Applied Surface Science</i> , 2006, 252, 6375-6378.	3.1	0
198	Diffusion study of multi-organic layers in OLEDs by ToF-SIMS. <i>Applied Surface Science</i> , 2006, 252, 6594-6596.	3.1	14

#	ARTICLE	IF	CITATIONS
199	Ene Reaction of Arynes with Alkynes. <i>Journal of the American Chemical Society</i> , 2006, 128, 2232-2233.	6.6	84
200	Nickel-Catalyzed Coupling of Isocyanates with 1,3-Iodoesters and Halobenzenes: A Novel Method for the Synthesis of Imide and Amide Derivatives.. <i>ChemInform</i> , 2006, 37, no.	0.1	0
201	One-Pot Synthesis of Benzolactones and Lactams via a Cobalt-Catalyzed Regioselective [2 + 2 + 2] Cocyclootrimerization of Alkynyl Alcohols and Amines with Propiolates.. <i>ChemInform</i> , 2006, 37, no.	0.1	0
202	Carbocyclization of Aromatic Iodides, Bicyclic Alkenes, and Benzyne Involving a Palladium-Catalyzed C-H Bond Activation as a Key Step. <i>Organic Letters</i> , 2006, 8, 5581-5584.	2.4	77
203	Cobalt-Catalyzed Cyclootrimerization of Diynes with Norbornenes in One Efficient Step.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
204	Nickel-Catalyzed Cocyclootrimerization of Arynes with Diynes; a Novel Method for Synthesis of Naphthalene Derivatives.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
205	Highly Efficient Route to <i>o</i> -Allylbiaryls via Palladium-Catalyzed Three-Component Coupling of Benzyne, Allylic Halides, and Aryl Organometallic Reagents.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
206	Substituted 1-Allyl-2-allylbenzenes via Palladium-Catalyzed Allylallenylation of Benzyne Derivatives.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
207	Substituted 1-Allyl-2-allylbenzenes via Palladium-Catalyzed Allylallenylation of Benzyne Derivatives. <i>Synthesis</i> , 2005, 2005, 1693-1697.	1.2	5
208	One-pot synthesis of benzolactones and lactams via a cobalt-catalyzed regioselective [2 + 2 + 2] cocyclootrimerization of alkynyl alcohols and amines with propiolates. <i>Chemical Communications</i> , 2005, , 4955.	2.2	34
209	Nickel-catalyzed coupling of isocyanates with 1,3-iodoesters and halobenzenes: a novel method for the synthesis of imide and amide derivatives. <i>Chemical Communications</i> , 2005, , 4554.	2.2	52
210	Nickel-catalyzed cocyclootrimerization of arynes with diynes; a novel method for synthesis of naphthalene derivatives. <i>Chemical Communications</i> , 2005, , 2459.	2.2	62
211	Highly Efficient Synthesis of Isoquinolines via Nickel-Catalyzed Annulation of 2-Iodobenzaldimines with Alkynes: Evidence for Dual Pathways of Alkyne Insertion. <i>Organic Letters</i> , 2005, 7, 5179-5182.	2.4	137
212	A Highly Regio- and Stereoselective Nickel-Catalyzed Ring-Opening Reaction of Alkyl- and Allylzirconium Reagents to 7-Oxabenzonorbornadienes. <i>Journal of Organic Chemistry</i> , 2005, 70, 9545-9550.	1.7	53
213	Highly Efficient Route to <i>o</i> -Allylbiaryls via Palladium-Catalyzed Three-Component Coupling of Benzyne, Allylic Halides, and Aryl Organometallic Reagents. <i>Organic Letters</i> , 2005, 7, 2921-2924.	2.4	77
214	Unusual Palladium-Catalyzed Silaboration of Allenes Using Organic Iodides as Initiators: A Mechanism and Application. <i>Journal of the American Chemical Society</i> , 2005, 127, 126-131.	6.6	84
215	Tuning the emission and morphology of cyclometalated iridium complexes and their applications to organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2005, 15, 1035.	6.7	148
216	Nickel-catalyzed highly chemoselective cocyclootrimerization of arynes with allenes: a novel method for 10-methylene-9,10-dihydrophenanthrenes. Electronic supplementary information (ESI) available: synthesis and characterization data of compounds 3. See http://www.rsc.org/suppdata/cc/b3/b315795d/ . <i>Chemical Communications</i> , 2004, , 532.	2.2	63

#	ARTICLE	IF	CITATIONS
217	Cobalt-Catalyzed Carbocyclization of o-Iodobenzaldehydes and o-Iodophenylketones with Alkynes.. ChemInform, 2004, 35, no.	0.1	0
218	Highly Regio- and Chemoselective Palladium-Catalyzed Propargylallylation of Activated Olefins: A Novel Route to 1,7-Enyne Derivatives.. ChemInform, 2004, 35, no.	0.1	0
219	Palladium-Catalyzed Allylalkynylation of Benzynes: A Highly Efficient Route to Substituted 1-Allyl-2-alkynylbenzenes.. ChemInform, 2004, 35, no.	0.1	0
220	Cobalt-Catalyzed Dimerization of Alkenes.. ChemInform, 2004, 35, no.	0.1	0
221	Synthesis of Phthalide Derivatives Using Nickel-Catalyzed Cyclization of o-Haloesters with Aldehydes. Chemistry - A European Journal, 2004, 10, 2991-2996.	1.7	35
222	Cobalt-catalyzed dimerization of alkenes. Tetrahedron Letters, 2004, 45, 6203-6206.	0.7	69
223	Cobalt-catalyzed cyclotrimerization of diynes with norbornenes in one efficient step. Tetrahedron, 2004, 60, 10005-10009.	1.0	22
224	Palladium-Catalyzed [2 + 2 + 2] Cocyclotrimerization of Benzynes with Bicyclic Alkenes: A Novel Route to Anellated 9,10-Dihydrophenanthrene Derivatives and Polyaromatic Compounds. Journal of Organic Chemistry, 2004, 69, 8445-8450.	1.7	75
225	Palladium-Catalyzed Allylalkynylation of Benzynes: A Highly Efficient Route to Substituted 1-Allyl-2-alkynylbenzenes. Organic Letters, 2004, 6, 2821-2824.	2.4	77
226	Nickel-Catalyzed Addition of Alkenylzirconium Reagents to Bicyclic Olefins: A Highly Regio- and Stereoselective Ring-Opening Reaction. Journal of Organic Chemistry, 2004, 69, 8407-8412.	1.7	46
227	Highly Regio- and Chemoselective Palladium-Catalyzed Propargylallylation of Activated Olefins: A Novel Route to 1,7-Enyne Derivatives. Journal of Organic Chemistry, 2004, 69, 4053-4062.	1.7	27
228	Cobalt-Catalyzed Regioselective Carbocyclization Reaction of o-Iodophenyl Ketones and Aldehydes with Alkynes, Acrylates, and Acrylonitrile: A Facile Route to Indenols and Indenes. Journal of Organic Chemistry, 2004, 69, 4781-4787.	1.7	98
229	Regioselective Synthesis of Indenols via Nickel-Catalyzed Carbocyclization Reaction.. ChemInform, 2003, 34, no.	0.1	0
230	Regio- and Stereoselective Reductive Coupling of Bicyclic Alkenes with Propiolates Catalyzed by Nickel Complexes: A Novel Route to Functionalized 1,2-Dihydroarenes and -Lactones. Chemistry - A European Journal, 2003, 9, 3164-3169.	1.7	61
231	Highly chemoselective coupling of allenylstannanes with organic iodides promoted by Pd(PPh ₃) ₄ /LiCl: an efficient method for the synthesis of substituted allenes. Tetrahedron, 2003, 59, 3635-3641.	1.0	53
232	Highly regio- and chemoselective [2 + 2 + 2] cycloaddition of 1,6-heptadiynes with allenes catalyzed by cobalt complexes Electronic supplementary information (ESI) available: synthesis and characterization of compounds 4 and 6. See http://www.rsc.org/suppdata/cc/b2/b212260j . Chemical Communications, 2003, , 718-719.	2.2	36
233	Regioselective Synthesis of Indenols via Nickel-Catalyzed Carbocyclization Reaction. Journal of Organic Chemistry, 2003, 68, 6726-6731.	1.7	70
234	Cobalt-Catalyzed Carbocyclization of o-Iodobenzaldehydes and o-Iodophenylketones with Alkynes. Organic Letters, 2003, 5, 3963-3966.	2.4	63

#	ARTICLE	IF	CITATIONS
235	Novel Acid-Catalyzed Rearrangement of Methanofullerenes Bearing an $\hat{\iota}$ -Ylidic Ester to Cyclopentanofullerenes: A Vinyl Cyclopropane-Type Ring Expansion. <i>Journal of Organic Chemistry</i> , 2003, 68, 3811-3816.	1.7	12
236	Highly Regio- and Chemoselective Palladium-Catalyzed Three-Component Assembly of Arylethylidene Malononitriles, Allylic Chlorides, and Allenylstannanes: A Novel Route to 1,7-Enyne Derivatives. <i>Organic Letters</i> , 2003, 5, 881-884.	2.4	24
237	Highly Regio- and Stereoselective Acylboration, Acylsilation, and Acylstannation of Allenes Catalyzed by Phosphine-Free Palladium Complexes: A New Class of 2-Acylallylmetal Reagents. <i>Journal of the American Chemical Society</i> , 2003, 125, 12576-12583.	6.6	68
238	Asymmetric Reductive Ring-Opening of Bicyclic Olefins Catalyzed by Palladium and Nickel Complexes. <i>Organic Letters</i> , 2003, 5, 1621-1624.	2.4	70
239	Nickel-Catalyzed Highly Regio- and Stereoselective Three-Component Assembly of Allenes, Aryl Iodides, and Alkenylzirconium Reagents. <i>Journal of the American Chemical Society</i> , 2003, 125, 12426-12427.	6.6	34
240	Cyclization of Oxa-Bicyclic Alkenes with $\hat{\iota}$ -Iodo-(Z)-propenoates and $\hat{\iota}$ -Iodobenzoate Catalyzed by Nickel Complexes: A Simple Efficient Route to Annulated Coumarins. <i>Organic Letters</i> , 2003, 5, 4903-4906.	2.4	56
241	Palladium-catalyzed highly regio-, stereo- and chemoselective carbogermanylation of allenes: a novel method for the synthesis of 2-arylallylgermane derivatives. Electronic supplementary information (ESI) available: synthesis and characterization of compounds 4 and 6. See http://www.rsc.org/suppdata/cc/b3/b305370a/ . <i>Chemical Communications</i> , 2003, 1746.	2.2	25
242	Novel cyclization and reductive coupling of bicyclic olefins with alkyl propiolates catalyzed by nickel complexes. <i>Pure and Applied Chemistry</i> , 2002, 74, 69-75.	0.9	7
243	Palladium-Catalyzed Three-Component Assembling of Allenes, Organic Halides, and Arylboronic Acids. <i>Journal of Organic Chemistry</i> , 2002, 67, 99-105.	1.7	69
244	Highly Regio- and Chemoselective [2+2] Cycloaddition of Electron-Deficient Dienes with Allenes Catalyzed by Nickel Complexes: A Novel Entry to Polysubstituted Benzene Derivatives. <i>Journal of Organic Chemistry</i> , 2002, 67, 7724-7729.	1.7	79
245	Ni-Catalyzed Highly Regio- and Chemoselective Cycloaddition of Nonconjugated Dienes with 1,3-Dienes: A Novel Method for Polysubstituted Arylalkynes. <i>Organic Letters</i> , 2002, 4, 807-810.	2.4	69
246	Nickel-Catalyzed Coupling of Aryl Iodides with Aromatic Aldehydes: Chemoselective Synthesis of Ketones. <i>Journal of Organic Chemistry</i> , 2002, 67, 1682-1684.	1.7	136
247	Synthesis of Seven-membered Lactones via Nickel- and Zinc-Catalyzed Highly Regio- and Stereoselective Cyclization of 2-Iodobenzyl Alcohols with Propiolates. <i>Journal of the American Chemical Society</i> , 2002, 124, 5630-5631.	6.6	36
248	Cobalt-Catalyzed Highly Regio- and Stereoselective Intermolecular Reductive Coupling of Alkynes with Conjugated Alkenes. <i>Journal of the American Chemical Society</i> , 2002, 124, 9696-9697.	6.6	110
249	Highly Stereoselective Ring-Opening Addition of Terminal Acetylenes to Bicyclic Olefins Catalyzed by Nickel Complexes. <i>Organic Letters</i> , 2002, 4, 1679-1682.	2.4	95
250	Highly regio- and stereoselective silylstannation of allenes catalyzed by phosphine-free palladium complexes. Electronic supplementary information (ESI) available: synthesis and characterization of compounds 4. See http://www.rsc.org/suppdata/cc/b2/b206488j/ . <i>Chemical Communications</i> , 2002, 2552-2553.	2.2	31
251	Nickel-catalyzed regioselective carbocyclization of ortho-halophenyl ketones with propiolates: an efficient route to disubstituted indenols. Electronic supplementary information (ESI) available: synthesis and characterization of compounds 3. See http://www.rsc.org/suppdata/cc/b2/b201473d/ . <i>Chemical Communications</i> , 2002, 942-943.	2.2	61
252	Diaminoanthracene Derivatives as High-Performance Green Host Electroluminescent Materials. <i>Chemistry of Materials</i> , 2002, 14, 3958-3963.	3.2	123

#	ARTICLE	IF	CITATIONS
253	Synthesis of Seven-Membered Lactones via Nickel- and Zinc-Catalyzed Highly Regio- and Stereoselective Cyclization of α -Dobenzyl Alcohols with Propiolates.. <i>ChemInform</i> , 2002, 33, 44-44.	0.1	0
254	Highly Stereoselective Ring-Opening Addition of Terminal Acetylenes to Bicyclic Olefins Catalyzed by Nickel Complexes.. <i>ChemInform</i> , 2002, 33, 108-108.	0.1	0
255	Cross [2 + 2] Cycloaddition of Bicyclic Alkenes with Alkynes Mediated by Cobalt Complexes: A Facile Synthesis of Cyclobutene Derivatives. <i>Journal of Organic Chemistry</i> , 2001, 66, 8804-8810.	1.7	100
256	Unusual 1,4-Addition of 2-Pyridyl Carboxylates to Benzynes: A Convenient Route to 1-(2-Acylphenyl)-2-pyridones. <i>Journal of Organic Chemistry</i> , 2001, 66, 3646-3649.	1.7	29
257	Synthesis of Biaryls via Unusual Deoxygenative Dimerization of 1,4-Epoxy-1,4-dihydroarenes Catalyzed by Palladium Complexes. <i>Organic Letters</i> , 2001, 3, 811-814.	2.4	32
258	Unusual Diboration of Allenes Catalyzed by Palladium Complexes and Organic Iodides: A New Efficient Route to Biboronic Compounds. <i>Journal of the American Chemical Society</i> , 2001, 123, 761-762.	6.6	150
259	Nickel-Catalyzed Highly Regio- and Chemoselective Cocyclotrimerization of Propiolates with Allenes: A Novel Route to Polysubstituted Benzene Derivatives. <i>Organic Letters</i> , 2001, 3, 4233-4236.	2.4	73
260	Nickel-Catalyzed Highly Regio- and Stereoselective Cyclization of Oxanorbornenes with Alkyl Propiolates: A Novel Method for the Synthesis of Benzocoumarin Derivatives. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1286-1288.	7.2	74
261	Nickel-Catalyzed Highly Regio- and Stereoselective Cyclization of Oxanorbornenes with Alkyl Propiolates: A Novel Method for the Synthesis of Benzocoumarin Derivatives.. <i>ChemInform</i> , 2001, 32, 143-143.	0.1	0
262	Nickel-Catalyzed [2+2] Cycloaddition of Alkynes with Activated Cyclic Alkenes: Synthesis and Novel Ring Expansion Studies of Cyclobutene Products. <i>Chemistry - A European Journal</i> , 2000, 6, 3706-3713.	1.7	102
263	Stereoselective [2+2] cocyclotrimerization of oxa- and azabenzenorbornadienes with alkynes catalyzed by nickel complexes: first transition metal-mediated synthesis of isobenzofuran and isoindole precursors. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 195-203.	1.3	38
264	Palladium-catalyzed intermolecular carboazidation of allenens with aryl iodides and trimethylsilyl azide. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 3799-3807.	1.3	12
265	Highly Regioselective and Stereoselective Allylation of Aldehydes via Palladium-Catalyzed in Situ Hydrostannylation of Allenes. <i>Organic Letters</i> , 2000, 2, 3439-3442.	2.4	43
266	Highly Regio- and Stereoselective Acylboration of Allenes Catalyzed by Palladium Complexes: An Efficient Route to a New Class of 2-Acylallylboronates. <i>Journal of the American Chemical Society</i> , 2000, 122, 7122-7123.	6.6	99
267	Palladium-Catalyzed Synthesis of 1,3-Dienes from Allenes and Organic Halides. <i>Journal of Organic Chemistry</i> , 2000, 65, 1767-1773.	1.7	56
268	Ni(II)/Zn-Mediated Chemoselective Arylation of Aromatic Aldehydes: Facile Synthesis of Diaryl Carbinols. <i>Organic Letters</i> , 2000, 2, 2295-2298.	2.4	70
269	Carbostannylation of allenens catalyzed by a palladium complex. <i>Tetrahedron Letters</i> , 1999, 40, 6055-6058.	0.7	35
270	Nickel-Catalyzed Highly Stereoselective Ring Opening of 7-Oxa- and Azanorbornenes with Organic Halides. <i>Journal of Organic Chemistry</i> , 1999, 64, 3538-3543.	1.7	77

#	ARTICLE	IF	CITATIONS
271	Fullerene Derivatives Bearing a Phosphite Ylide, Phosphonate, Phosphine Oxide, and Phosphonic Acid:Â Synthesis and Reactivities. <i>Journal of Organic Chemistry</i> , 1999, 64, 8868-8872.	1.7	21
272	Highly Regio- and Stereoselective Cocyclotrimerization and Linear Cotrimerization of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Carbonyl Compounds with Alkynes Catalyzed by Nickel Complexes. <i>Journal of Organic Chemistry</i> , 1999, 64, 3663-3670.	1.7	87
273	Carbosilylation of Allenes Catalyzed by Palladium Complexes:Â A New Efficient Route to Substituted Allylic Silanes. <i>Journal of Organic Chemistry</i> , 1999, 64, 2471-2474.	1.7	55
274	Synthesis and Chemistry of Fullerene Derivatives Bearing Phosphorus Substituents. Unusual Reaction of Phosphines with Electron-Deficient Acetylenes and C60. <i>Journal of Organic Chemistry</i> , 1999, 64, 6664-6669.	1.7	26
275	Nickel-catalyzed regio- and stereoselective homo 1,4-dialkenylation of conjugated dienes. <i>Tetrahedron</i> , 1998, 54, 1041-1052.	1.0	13
276	Nickel-catalyzed cocyclotrimerization of oxa- and azabenzonorbordienes with alkynes: reaction with multiple synthetic applications. <i>New Journal of Chemistry</i> , 1998, 22, 1147-1149.	1.4	31
277	Nickel-Promoted First Eneâ”Diyne Cycloaddition Reaction on C60:â€‰ Synthesis and Photochemistry of the Fullerene Derivatives. <i>Journal of the American Chemical Society</i> , 1998, 120, 12232-12236.	6.6	65
278	Nitrile-Group Transfer from Solvents to Aryl Halides. Novel Carbonâ”Carbon Bond Formation and Cleavage Mediated by Palladium and Zinc Species. <i>Organometallics</i> , 1998, 17, 1025-1030.	1.1	110
279	Novel Bismethanofullerenes and Ethenofullerene from the Reaction of Propiolates with C60in the Presence of Triphenylphosphine. <i>Journal of Organic Chemistry</i> , 1998, 63, 6119-6122.	1.7	13
280	Photoinduced reactions of tertiary amines with [60]fullerene; addition of an $\hat{1}\pm$ -Câ€”H bond of amines to [60]fullerene. <i>Chemical Communications</i> , 1996, , 1423-1424.	2.2	62
281	[2 + 2] Dimerization of norbornadiene and its derivatives in the presence of nickel complexes and zinc metal. <i>Journal of Organometallic Chemistry</i> , 1995, 490, C1-C7.	0.8	38
282	Phosphine-mediated [2 + 2] cycloaddition of internal alk-2-ynoate and alk-2-ynone to [60]fullerene. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 2473.	2.0	21
283	Synthesis of Isocoumarins from o-Iodobenzoic Acid and Terminal Acetylenes Mediated by Palladium Complexes and Zinc Chloride. <i>Journal of Organic Chemistry</i> , 1995, 60, 3711-3716.	1.7	137
284	Palladium-Catalyzed Reductive Couplings of Organic Halides with 7-Heteroatom Norbornadienes. New Synthetic Methods for Substituted Aryls and cis-1,2-Dihydro-1-naphthyl Alcohols and Carbamates. <i>Organometallics</i> , 1995, 14, 1608-1618.	1.1	46
285	Palladium-Catalyzed Addition of Alkyne to Norbornene Derivatives. Unusual Ring Formation and Expansion Reactions. <i>Organometallics</i> , 1994, 13, 1832-1839.	1.1	14
286	Synthesis and Fluxional Behavior of Intramolecular $\hat{1}^2$ -Arene Complexes via Insertion of Substituted 7-Oxanorborene into Palladium-Carbon Bonds. <i>Journal of the Chinese Chemical Society</i> , 1994, 41, 749-754.	0.8	2
287	Palladium-catalyzed stereoselective reductive coupling reactions of organic halides with 7-heteroatom norbornadienes. <i>Tetrahedron Letters</i> , 1993, 34, 4019-4022.	0.7	55
288	Insertion of norbornadiene into the arylâ€”palladium bond; synthesis, structure and dynamics of intramolecular $\hat{1}^2$ -arene palladium species. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 710-712.	2.0	78

#	ARTICLE	IF	CITATIONS
289	Unsymmetrical biaryls from dialkylacetylenes and aryl iodides in the presence of nickel halides and zinc metal. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 423.	2.0	11
290	Homo-Diels-Alder cycloadditions catalysed by cobalt-triphenylphosphine-zinc systems. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 1347-1348.	2.0	29
291	A Modified Water-Gas Shift Reaction. The Decomposition of Alkyl Formate in the Presence of Water Using a Ruthenium Carbonyl. <i>Journal of the Chinese Chemical Society</i> , 1991, 38, 235-238.	0.8	1
292	The role of alcohol in the catalytic reductive carbonylation of nitrobenzenes to carbamates in the presence of Rh(CO) ₄ or Ru ₃ (CO) ₁₂ . <i>Journal of Organometallic Chemistry</i> , 1991, 420, 119-123.	0.8	31
293	Synthesis of nortricyclenes from norbornadiene using palladium complexes and zinc powder. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 1774.	2.0	11
294	Reaction of Carbon Anions With Iron Unsaturated Ketimine Complexes. <i>Journal of the Chinese Chemical Society</i> , 1988, 35, 261-266.	0.8	8
295	Olefin Hydrogenation by carbon monoxide and water using a platinum chloride-tin chloride catalyst system. <i>Journal of Organometallic Chemistry</i> , 1980, 190, C21-C24.	0.8	24
296	The rhodium(I) anion carbonyl(maleonitriledithiolato)(triethylphosphine)rhodate(I) and acyl complexes derived from its reaction with alkyl halides. <i>Inorganic Chemistry</i> , 1979, 18, 1418-1424.	1.9	15
297	Homogeneous catalysis of the water gas shift reaction using a platinum chloride-tin chloride system. <i>Journal of the American Chemical Society</i> , 1978, 100, 5968-5970.	6.6	58
298	The addition of alkyl halides to rhodium(I) dithiolene complexes. The synthesis, structure, and chemical properties of rhodium(III) acyl species. <i>Journal of the American Chemical Society</i> , 1977, 99, 3003-3011.	6.6	43
299	Homogeneous catalysis of the water gas shift reaction using rhodium carbonyl iodide. <i>Journal of the American Chemical Society</i> , 1977, 99, 2791-2792.	6.6	102
300	A reactive rhodium(I) carbonyl dithiolate and the formation of acyl and hydride species. <i>Journal of Organometallic Chemistry</i> , 1977, 142, C65-C68.	0.8	9