大连化物所科技论文奖励申报表

（百次引用论文奖）

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| **论文题目** | **Rh(III)-Catalyzed Oxidative Coupling of N-Aryl-2-aminopyridine with Alkynes and Alkenes** | | | | |
| **作者（英文）** | Chen, Jinlei; Song, Guoyong; Pan, Cheng-Ling; Li, Xingwei\* | | | | |
| **作者（中文）** | **陈金磊，宋国勇，潘成岭，李兴伟\*** | | | | |
| **期刊名称** | **Org. Lett.** | | | | |
| **发表日期** | **2010** | **卷** | **12** | **起止页码** | 5426-5429 |
| **总引用次数** | **117** | | | **他引次数** | **101** |
| **填表人** | 我保证填写内容的真实性，若填报失实和违反管理办法，本人将承担相关责任。  **签字年月日** | | | | |
| **通讯作者** | 我保证申报内容的真实性，若填报失实和违反管理办法，本人将承担相关责任。  **签字年月日** | | | | |
| **研究组长** | 我已按管理办法和申报说明对申报内容进行了审核，保证申报内容的真实性，若填报失实和违反管理办法，本人将承担全部责任。  **签字年月日** | | | | |

说明：1、申请本年度百次引用论文奖的论文发表时间为2005-2015年；2、引用检索数库为Web of Science数据库核心合集的SCI-E，他引次数须超过100次；3、引用数据检索截止时间为2015年12月31日；4、他引：是指剔除了申报奖励论文（即被引用论文）所有作者的全部引用文献。例：某篇申报奖励论文有作者a、b、c、d、e，他引是指引用此篇论文的所有文献作者中，不能有a、b、c、d、e的任何一位。

百次引用论文奖引用论文清单

（他引101次）

1. **引用论文第一产权单位为国外机构**

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| **第 1 条，共 56 条** |
| **标题:** Metal-Catalyzed Cross-Coupling Reactions of Aminopyridines |
| **作者:** Pires, MJD (Pires, Marina J. Dias); Poeira, DL (Poeira, Diogo L.); Marques, MMB (Marques, M. Manuel B.) |
| **来源出版物:** EUROPEAN JOURNAL OF ORGANIC CHEMISTRY  **期:** 33  **页:** 7197-7234  **DOI:** 10.1002/ejoc.201500952  **出版年:** NOV 2015 |

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| **第2 条，共56 条** |
| **标题:** Ruthenium-Catalyzed Oxidative Annulation of 6-Anilinopurines with Alkynes via C-H Activation: Synthesis of Indole-Substituted Purines/Purine Nucleosides |
| **作者:** Allu, S (Allu, Srinivasarao); Swamy, KCK (Swamy, K. C. Kumara) |
| **来源出版物:** ADVANCED SYNTHESIS & CATALYSIS  **卷:** 357  **期:** 12  **页:** 2665-2680  **DOI:** 10.1002/adsc.201500314  **出版年:** AUG 24 2015 |

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| **第 3条，共56条** |
| **标题:** Convenient copper-mediated Chan-Lam coupling of 2-aminopyridine: facile synthesis of N-arylpyridin-2-amines |
| **作者:** Chen, JB (Chen, Jianbin); Natte, K (Natte, Kishore); Man, NYT (Man, Nikki Y. T.); Stewart, SG (Stewart, Scott G.); Wu, XF (Wu, Xiao-Feng) |
| **来源出版物:** TETRAHEDRON LETTERS  **卷:** 56  **期:** 33  **页:** 4843-4847  **DOI:** 10.1016/j.tetlet.2015.06.092  **出版年:** AUG 12 2015 |

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| **第 4 条，共56 条** |
| **标题:** Rhodium(III)-Catalyzed ortho-Arylation of Anilides with Aryl Halides |
| **作者:** Haridharan, R (Haridharan, Radhakrishnan); Muralirajan, K (Muralirajan, Krishnamoorthy); Cheng, CH (Cheng, Chien-Hong) |
| **来源出版物:** ADVANCED SYNTHESIS & CATALYSIS  **卷:** 357  **期:** 2-3  **页:** 366-370  **DOI:** 10.1002/adsc.201400798  **出版年:** FEB 9 2015 |

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| **第 5 条，共56 条** |
| **标题:** Rhodium(III)-Catalyzed Oxidative Alkenylation of 1,3-Dithiane-Protected Arenecarbaldehydes via Regioselective C-H Bond Cleavage |
| **作者:** Unoh, Y (Unoh, Yuto); Hirano, K (Hirano, Koji); Satoh, T (Satoh, Tetsuya); Miura, M (Miura, Masahiro) |
| **来源出版物:** ORGANIC LETTERS  **卷:** 17  **期:** 3  **页:** 704-707  **DOI:** 10.1021/ol503722r  **出版年:** FEB 6 2015 |

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| **第6 条，共56 条** |
| **标题:** Rhodium-Catalyzed Borylation of Aryl 2-Pyridyl Ethers through Cleavage of the Carbon-Oxygen Bond: Borylative Removal of the Directing Group |
| **作者:** Kinuta, H (Kinuta, Hirotaka); Tobisu, M (Tobisu, Mamoru); Chatani, N (Chatani, Naoto) |
| **来源出版物:** JOURNAL OF THE AMERICAN CHEMICAL SOCIETY  **卷:** 137  **期:** 4  **页:** 1593-1600  **DOI:** 10.1021/ja511622e  **出版年:** FEB 4 2015 |

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| **第 7 条，共56 条** |
| **标题:** Rh-I/Rh-III catalyst-controlled divergent aryl/heteroaryl C-H bond functionalization of picolinamides with alkynes |
| **作者:** Martinez, AM (Manu Martinez, Angel); Echavarren, J (Echavarren, Javier); Alonso, I (Alonso, Ines); Rodriguez, N (Rodriguez, Nuria); Arrayas, RG (Gomez Arrayas, Ramon); Carretero, JC (Carretero, Juan C.) |
| **来源出版物:** CHEMICAL SCIENCE  **卷:** 6  **期:** 10  **页:** 5802-5814  **DOI:** 10.1039/c5sc01885d  **出版年:** 2015 |

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| **第 8 条，共56 条** |
| **标题:** Nanocrystalline magnesium oxide-stabilized palladium(0): an efficient and reusable catalyst for synthesis of N-(2-pyridyl)indoles |
| **作者:** Reddy, PV (Reddy, Police Vishnuvardhan); Annapurna, M (Annapurna, Manne); Srinivas, P (Srinivas, Pottabathula); Likhar, PR (Likhar, Pravin R.); Kantam, ML (Kantam, Mannepalli Lakshmi) |
| **来源出版物:** NEW JOURNAL OF CHEMISTRY  **卷:** 39  **期:** 5  **页:** 3399-3404  **DOI:** 10.1039/c5nj00074b  **出版年:** 2015 |

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| **第 9 条，共56 条** |
| **标题:** Rhodium-Catalyzed Oxidative Annulation of Hydrazines with Alkynes Using a Nitrobenzene Oxidant |
| **作者:** Li, DY (Li, Deng Yuan); Chen, HJ (Chen, Hao Jie); Liu, PN (Liu, Pei Nian) |
| **来源出版物:** ORGANIC LETTERS  **卷:** 16  **期:** 23  **页:** 6176-6179  **DOI:** 10.1021/ol5030794  **出版年:** DEC 5 2014 |

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| **第 10 条，共56 条** |
| **标题:** Ligand-Controlled Regiodivergent Pathways of Rhodium(III)-Catalyzed Dihydroisoquinolone Synthesis: Experimental and Computational Studies of Different Cyclopentadienyl Ligands |
| **作者:** Wodrich, MD (Wodrich, Matthew D.); Ye, BH (Ye, Baihua); Gonthier, JF (Gonthier, Jerome F.); Corminboeuf, C (Corminboeuf, Clemence); Cramer, N (Cramer, Nicolai) |
| **来源出版物:** CHEMISTRY-A EUROPEAN JOURNAL  **卷:** 20  **期:** 47  **页:** 15409-15418  **DOI:** 10.1002/chem.201404515  **出版年:** NOV 17 2014 |

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| **第 11 条，共56 条** |
| **标题:** Palladium@Cerium(IV) Oxide-Catalyzed Oxidative Synthesis of N-(2-Pyridyl)indoles via C-H Activation Reaction |
| **作者:** Chen, JB (Chen, Jianbin); He, L (He, Lin); Natte, K (Natte, Kishore); Neumann, H (Neumann, Helfried); Beller, M (Beller, Matthias); Wu, XF (Wu, Xiao-Feng) |
| **来源出版物:** ADVANCED SYNTHESIS & CATALYSIS  **卷:** 356  **期:** 14-15  **页:** 2955-2959  **DOI:** 10.1002/adsc.201400466  **出版年:** OCT 13 2014 |

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| **第 12 条，共56 条** |
| **标题:** Rhodium(III)-Catalyzed C-H Activation/Annulation with Vinyl Esters as an Acetylene Equivalent |
| **作者:** Webb, NJ (Webb, Nicola J.); Marsden, SP (Marsden, Stephen P.); Raw, SA (Raw, Steven A.) |
| **来源出版物:** ORGANIC LETTERS  **卷:** 16  **期:** 18  **页:** 4718-4721  **DOI:** 10.1021/ol502095z  **出版年:** SEP 19 2014 |

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| **第 13 条，共56条** |
| **标题:** One-Pot Synthesis of Highly Substituted Polyheteroaromatic Compounds by Rhodium(III)-Catalyzed Multiple C-H Activation and Annulation |
| **作者:** Jayakumar, J (Jayakumar, Jayachandran); Parthasarathy, K (Parthasarathy, Kanniyappan); Chen, YH (Chen, Yi-Hsiang); Lee, TH (Lee, Tai-Hua); Chuang, SC (Chuang, Shih-Ching); Cheng, CH (Cheng, Chien-Hong) |
| **来源出版物:** ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  **卷:** 53  **期:** 37  **页:** 9889-9892  **DOI:** 10.1002/anie.201405183  **出版年:** SEP 8 2014 |

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| **第 14 条，共56条** |
| **标题:** Recent Advances in Electrophilic Amination Reactions |
| **作者:** Corpet, M (Corpet, Martin); Gosmini, C (Gosmini, Corinne) |
| **来源出版物:** SYNTHESIS-STUTTGART  **卷:** 46  **期:** 17  **页:** 2258-2271  **DOI:** 10.1055/s-0034-1378373  **出版年:** SEP 2014 |

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| **第 15 条，共56条** |
| **标题:** Silver-Mediated Alkyne Annulations by C-H/P-H Functionalizations: Step-Economical Access to Benzophospholes |
| **作者:** Ma, WB (Ma, Wenbo); Ackermann, L (Ackermann, Lutz) |
| **来源出版物:** SYNTHESIS-STUTTGART  **卷:** 46  **期:** 17  **页:** 2297-2304  **DOI:** 10.1055/s-0033-1338630  **出版年:** SEP 2014 |

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| **第 16 条，共56条** |
| **标题:** Rhodium(III)-catalyzed synthesis of indoles from 1-alkylidene-2-arylhydrazines and alkynes via C-H and N-N bond cleavages |
| **作者:** Matsuda, T (Matsuda, Takanori); Tomaru, Y (Tomaru, Yuki) |
| **来源出版物:** TETRAHEDRON LETTERS  **卷:** 55  **期:** 22  **页:** 3302-3304  **DOI:** 10.1016/j.tetlet.2014.04.016  **出版年:** MAY 28 2014 |

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| **第 17 条，共56条** |
| **标题:** Rhodium(III)-Catalyzed Selective ortho-Olefinations of N-Acyl and N-Aroyl Sulfoximines by C-H Bond Activation |
| **作者:** Parthasarathy, K (Parthasarathy, Kanniyappan); Bolm, C (Bolm, Carsten) |
| **来源出版物:** CHEMISTRY-A EUROPEAN JOURNAL  **卷:** 20  **期:** 17  **页:** 4896-4900  **DOI:** 10.1002/chem.201304925  **出版年:** APR 22 2014 |

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| **第 18条，共56条** |
| **标题:** Rhodium(III)-catalyzed ring-opening of strained olefins through C-H activation of O-acetyl ketoximes: an efficient synthesis of trans-functionalized cyclopentenes and spiro[2.4]heptenes |
| **作者:** Jijy, E (Jijy, E.); Prakash, P (Prakash, Praveen); Shimi, M (Shimi, M.); Saranya, S (Saranya, S.); Preethanuj, P (Preethanuj, P.); Pihko, PM (Pihko, Petri M.); Varughese, S (Varughese, Sunil); Radhakrishnan, KV (Radhakrishnan, K. V.) |
| **来源出版物:** TETRAHEDRON LETTERS  **卷:** 54  **期:** 52  **页:** 7127-7131  **DOI:** 10.1016/j.tetlet.2013.10.089  **出版年:** DEC 25 2013 |

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| **第 19 条，共56条** |
| **标题:** Rhodium-Catalyzed Oxidative Annulation of Sulfoximines and Alkynes as an Approach to 1,2-Benzothiazines |
| **作者:** Dong, WR (Dong, Wanrong); Wang, L (Wang, Long); Parthasarathy, K (Parthasarathy, Kanniyappan); Pan, FF (Pan, Fangfang); Bolm, C (Bolm, Carsten) |
| **来源出版物:** ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  **卷:** 52  **期:** 44  **页:** 11573-11576  **DOI:** 10.1002/anie.201304456  **出版年:** OCT 25 2013 |

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| **第 20 条，共56条** |
| **标题:** Synthesis of Phenanthridinones from N-Methoxybenzamides and Aryltriethoxysilanes through RhIII-Catalyzed CH and NH Bond Activation |
| **作者:** Senthilkumar, N (Senthilkumar, Natarajan); Parthasarathy, K (Parthasarathy, Kanniyappan); Gandeepan, P (Gandeepan, Parthasarathy); Cheng, CH (Cheng, Chien-Hong) |
| **来源出版物:** CHEMISTRY-AN ASIAN JOURNAL  **卷:** 8  **期:** 9  **页:** 2175-2181  **DOI:** 10.1002/asia.201300356  **出版年:** SEP 2013 |

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| **第 21 条，共56条** |
| **标题:** Palladium-Catalyzed C-H Arylation Using Phosphoramidate as a Directing Group at Room Temperature |
| **作者:** Chary, BC (Chary, Bathoju Chandra); Kim, S (Kim, Sunggak); Park, Y (Park, Youngchul); Kim, J (Kim, Jinsik); Lee, PH (Lee, Phil Ho) |
| **来源出版物:** ORGANIC LETTERS  **卷:** 15  **期:** 11  **页:** 2692-2695  **DOI:** 10.1021/ol4009987  **出版年:** JUN 7 2013 |

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| **第 22 条，共56条** |
| **标题:** A Coupling of Benzamides and Donor/Acceptor Diazo Compounds To Form gamma-Lactams via Rh(III)-Catalyzed C-H Activation |
| **作者:** Hyster, TK (Hyster, Todd K.); Ruhl, KE (Ruhl, Kyle E.); Rovis, T (Rovis, Tomislav) |
| **来源出版物:** JOURNAL OF THE AMERICAN CHEMICAL SOCIETY  **卷:** 135  **期:** 14  **页:** 5364-5367  **DOI:** 10.1021/ja402274g  **出版年:** APR 10 2013 |

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| **第 23 条，共56条** |
| **标题:** Regioselective ortho-hydroxylation of 2-arylbenzothiazole via substrate directed C-H activation |
| **作者:** Banerjee, A (Banerjee, Arghya); Bera, A (Bera, Anupam); Guin, S (Guin, Srimanta); Rout, SK (Rout, Saroj Kumar); Patel, BK (Patel, Bhisma K.) |
| **来源出版物:** TETRAHEDRON  **卷:** 69  **期:** 9  **页:** 2175-2183  **DOI:** 10.1016/j.tet.2012.12.067  **出版年:** MAR 4 2013 |

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| **第 24 条，共56条** |
| **标题:** Regioselective C-H Bond Cleavage/Alkyne Insertion under Ruthenium Catalysis |
| **作者:** Hashimoto, Y (Hashimoto, Yuto); Hirano, K (Hirano, Koji); Satoh, T (Satoh, Tetsuya); Kakiuchi, F (Kakiuchi, Fumitoshi); Miura, M (Miura, Masahiro) |
| **来源出版物:** JOURNAL OF ORGANIC CHEMISTRY  **卷:** 78  **期:** 2  **页:** 638-646  **DOI:** 10.1021/jo3025237  **出版年:** JAN 18 2013 |

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| **第 25 条，共56条** |
| **标题:** Nickel-catalyzed alkyne annulation by anilines: versatile indole synthesis by C-H/N-H functionalization |
| **作者:** Song, WF (Song, Weifeng); Ackermann, L (Ackermann, Lutz) |
| **来源出版物:** CHEMICAL COMMUNICATIONS  **卷:** 49  **期:** 59  **页:** 6638-6640  **DOI:** 10.1039/c3cc43915a  **出版年:** 2013 |

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| **第 26 条，共56条** |
| **标题:** Mild Rhodium(III)-Catalyzed Direct C-H Allylation of Arenes with Allyl Carbonates |
| **作者:** Wang, HG (Wang, Honggen); Schroder, N (Schroeder, Nils); Glorius, F (Glorius, Frank) |
| **来源出版物:** ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  **卷:** 52  **期:** 20  **页:** 5386-5389  **DOI:** 10.1002/anie.201301165  **出版年:** 2013 |

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| **第27 条，共56条** |
| **标题:** Synthesis of imidazo and benzimidazo[2,1-a]isoquinolines by rhodium-catalyzed intramolecular double C-H bond activation |
| **作者:** Reddy, VP (Reddy, Vutukuri Prakash); Iwasaki, T (Iwasaki, Takanori); Kambe, N (Kambe, Nobuaki) |
| **来源出版物:** ORGANIC & BIOMOLECULAR CHEMISTRY  **卷:** 11  **期:** 14  **页:** 2249-2253  **DOI:** 10.1039/c3ob27396b  **出版年:** 2013 |

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| **第 28 条，共56条** |
| **标题:** Rhodium(III)-Catalyzed Alkenyl C-H Bond Functionalization: Convergent Synthesis of Furans and Pyrroles |
| **作者:** Lian, YJ (Lian, Yajing); Huber, T (Huber, Tatjana); Hesp, KD (Hesp, Kevin D.); Bergman, RG (Bergman, Robert G.); Ellman, JA (Ellman, Jonathan A.) |
| **来源出版物:** ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  **卷:** 52  **期:** 2  **页:** 629-633  **DOI:** 10.1002/anie.201207995  **出版年:** 2013 |

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| **第29 条，共56条** |
| **标题:** Mild Rh(III)-Catalyzed C-H Activation and Annulation with Alkyne MIDA Boronates: Short, Efficient Synthesis of Heterocyclic Boronic Acid Derivatives |
| **作者:** Wang, HG (Wang, Honggen); Grohmann, C (Grohmann, Christoph); Nimphius, C (Nimphius, Corinna); Glorius, F (Glorius, Frank) |
| **来源出版物:** JOURNAL OF THE AMERICAN CHEMICAL SOCIETY  **卷:** 134  **期:** 48  **页:** 19592-19595  **DOI:** 10.1021/ja310153v  **出版年:** DEC 5 2012 |

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| **第 30 条，共56条** |
| **标题:** Efficient catalytic aryl amination of bromoarenes using 3-iminophosphine palladium(II) chloride |
| **作者:** Samblanet, DC (Samblanet, Danielle C.); Schmidt, JAR (Schmidt, Joseph A. R.) |
| **来源出版物:** JOURNAL OF ORGANOMETALLIC CHEMISTRY  **卷:** 720  **页:** 7-18  **DOI:** 10.1016/j.jorganchem.2012.08.027  **出版年:** DEC 1 2012 |

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| **第 31 条，共56条** |
| **标题:** On the selectivity in some Rh(III) catalyzed C-H activation cross-couplings |
| **作者:** Patureau, FW (Patureau, Frederic William); Besset, T (Besset, Tatiana); Frohlich, R (Froehlich, Roland); Glorius, F (Glorius, Frank) |
| **来源出版物:** COMPTES RENDUS CHIMIE  **卷:** 15  **期:** 11-12  **页:** 1081-1085  **DOI:** 10.1016/j.crci.2012.08.003  **出版年:** NOV-DEC 2012 |

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| **第 32 条，共 56 条** |
| **标题:** Design and Synthesis of Polycyclic Imidazole-Containing N- Heterocycles based on C?H Activation/Cyclization Reactions |
| **作者:** Iaroshenko, VO (Iaroshenko, Viktor O.); Ostrovskyi, D (Ostrovskyi, Dmytro); Miliutina, M (Miliutina, Mariia); Maalik, A (Maalik, Aneela); Villinger, A (Villinger, Alexander); Tolmachev, A (Tolmachev, Andrei); Volochnyuk, DM (Volochnyuk, Dmitriy M.); Langer, P (Langer, Peter) |
| **来源出版物:** ADVANCED SYNTHESIS & CATALYSIS  **卷:** 354  **期:** 13  **页:** 2495-2503  **DOI:** 10.1002/adsc.201200221  **出版年:** SEP 2012 |

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| **第 33 条，共56条** |
| **标题:** Undirected Arene and Chelate-Assisted Olefin C-H Bond Activation: [RhIIICp\*]-Catalyzed Dehydrogenative Alkene-Arene Coupling as a New Pathway for the Selective Synthesis of Highly Substituted Z Olefins |
| **作者:** Wencel-Delord, J (Wencel-Delord, Joanna); Nimphius, C (Nimphius, Corinna); Patureau, FW (Patureau, Frederic W.); Glorius, F (Glorius, Frank) |
| **来源出版物:** CHEMISTRY-AN ASIAN JOURNAL  **卷:** 7  **期:** 6  **页:** 1208-1212  **DOI:** 10.1002/asia.201101018  **出版年:** JUN 2012 |

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| **第 34 条，共56条** |
| **标题:** High-Yielding, Versatile, and Practical [Rh(III)Cp\*]-Catalyzed Ortho Bromination and Iodination of Arenes |
| **作者:** Schroder, N (Schroeder, Nils); Wencel-Delord, J (Wencel-Delord, Joanna); Glorius, F (Glorius, Frank) |
| **来源出版物:** JOURNAL OF THE AMERICAN CHEMICAL SOCIETY  **卷:** 134  **期:** 20  **页:** 8298-8301  **DOI:** 10.1021/ja302631j  **出版年:** MAY 23 2012 |

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| **第 35 条，共56条** |
| **标题:** Ru/Ag-Catalyzed Oxidative Alkenylation of Benzamides and Phenylazoles through Regioselective C-H Bond Cleavage |
| **作者:** Hashimoto, Y (Hashimoto, Yuto); Ortloff, T (Ortloff, Timon); Hirano, K (Hirano, Koji); Satoh, T (Satoh, Tetsuya); Bolm, C (Bolm, Carsten); Miura, M (Miura, Masahiro) |
| **来源出版物:** CHEMISTRY LETTERS  **卷:** 41  **期:** 2  **页:** 151-153  **DOI:** 10.1246/cl.2012.151  **出版年:** FEB 5 2012 |

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| **第 36 条，共56条** |
| **标题:** Cationic Ruthenium(II) Catalysts for Oxidative C-H/N-H Bond Functionalizations of Anilines with Removable Directing Group: Synthesis of Indoles in Water |
| **作者:** Ackermann, L (Ackermann, Lutz); Lygin, AV (Lygin, Alexander V.) |
| **来源出版物:** ORGANIC LETTERS  **卷:** 14  **期:** 3  **页:** 764-767  **DOI:** 10.1021/ol203309y  **出版年:** FEB 3 2012 |

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| **第 37 条，共56条** |
| **标题:** Functionalization of C-sp3-H and C-sp2-H Bonds: Synthesis of Spiroindenes by Enolate-Directed Ruthenium-Catalyzed Oxidative Annulation of Alkynes with 2-Aryl-1,3-dicarbonyl Compounds |
| **作者:** Chidipudi, SR (Chidipudi, Suresh Reddy); Khan, I (Khan, Imtiaz); Lam, HW (Lam, Hon Wai) |
| **来源出版物:** ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  **卷:** 51  **期:** 48  **页:** 12115-12119  **DOI:** 10.1002/anie.201207170  **出版年:** 2012 |

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| **第 38 条，共56条** |
| **标题:** Rhodium(III)-Catalyzed Oxidative C-H Coupling of N-Methoxybenzamides with Aryl Boronic Acids: One-Pot Synthesis of Phenanthridinones |
| **作者:** Karthikeyan, J (Karthikeyan, Jaganathan); Haridharan, R (Haridharan, Radhakrishnan); Cheng, CH (Cheng, Chien-Hong) |
| **来源出版物:** ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  **卷:** 51  **期:** 49  **页:** 12343-12347  **DOI:** 10.1002/anie.201206890  **出版年:** 2012 |

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| **第 39 条，共56条** |
| **标题:** Cp\*Rh-Catalyzed C-H Activations: Versatile Dehydrogenative Cross-CoupHngs of C-sp2 C-H Positions with Olefins, Alkynes, and Arenes |
| **作者:** Patureau, FW (Patureau, Frederic W.); Wencel-Delord, J (Wencel-Delord, Joanna); Glorius, F (Glorius, Frank) |
| **来源出版物:** ALDRICHIMICA ACTA  **卷:** 45  **期:** 2  **页:** 31-41  **出版年:** 2012 |

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| **第 40 条，共56条** |
| **标题:** Mild Rhodium(III)-Catalyzed C-H Activation and Intermolecular Annulation with Allenes |
| **作者:** Wang, HG (Wang, Honggen); Glorius, F (Glorius, Frank) |
| **来源出版物:** ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  **卷:** 51  **期:** 29  **页:** 7318-7322  **DOI:** 10.1002/anie.201201273  **出版年:** 2012 |

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| **第 41 条，共56条** |
| **标题:** [RhIIICp\*]-Catalyzed Dehydrogenative Aryl?Aryl Bond Formation |
| **作者:** Wencel-Delord, J (Wencel-Delord, Joanna); Nimphius, C (Nimphius, Corinna); Patureau, FW (Patureau, Frederic W.); Glorius, F (Glorius, Frank) |
| **来源出版物:** ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  **卷:** 51  **期:** 9  **页:** 2247-2251  **DOI:** 10.1002/anie.201107842  **出版年:** 2012 |

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| **第 42 条，共56条** |
| **标题:** Application of Organic Azides for the Synthesis of Nitrogen-Containing Molecules |
| **作者:** Chiba, S (Chiba, Shunsuke) |
| **来源出版物:** SYNLETT  **卷:** 23  **期:** 1  **页:** 21-44  **DOI:** 10.1055/s-0031-1290108  **出版年:** JAN 2012 |

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| **第 43条，共56条** |
| **标题:** Ruthenium-catalyzed aerobic oxidative coupling of alkynes with 2-aryl-substituted pyrroles |
| **作者:** Ackermann, L (Ackermann, Lutz); Wang, LH (Wang, Lianhui); Lygin, AV (Lygin, Alexander V.) |
| **来源出版物:** CHEMICAL SCIENCE  **卷:** 3  **期:** 1  **页:** 177-180  **DOI:** 10.1039/c1sc00619c  **出版年:** 2012 |

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| **第 44 条，共56条** |
| **标题:** Rh Catalyzed C-H Activation and Oxidative Olefination without Chelate Assistance: On the Reactivity of Bromoarenes |
| **作者:** Patureau, FW (Patureau, Frederic W.); Nimphius, C (Nimphius, Corinna); Glorius, F (Glorius, Frank) |
| **来源出版物:** ORGANIC LETTERS  **卷:** 13  **期:** 24  **页:** 6346-6349  **DOI:** 10.1021/ol202557w  **出版年:** DEC 16 2011 |

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| **第 45 条，共56条** |
| **标题:** Ruthenium-catalyzed Oxidative Alkenylation of Arenes via Regioselective C-H Bond Cleavage Directed by a Nitrogen-containing Group |
| **作者:** Hashimoto, Y (Hashimoto, Yuto); Ueyama, T (Ueyama, Takumi); Fukutani, T (Fukutani, Tatsuya); Hirano, K (Hirano, Koji); Satoh, T (Satoh, Tetsuya); Miura, M (Miura, Masahiro) |
| **来源出版物:** CHEMISTRY LETTERS  **卷:** 40  **期:** 10  **页:** 1165-1166  **DOI:** 10.1246/cl.2011.1165  **出版年:** OCT 5 2011 |

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| **第 46 条，共56条** |
| **标题:** Synthesis of Azaheterocycles from Aryl Ketone O-Acetyl Oximes and Internal Alkynes by Cu-Rh Bimetallic Relay Catalysts |
| **作者:** Too, PC (Too, Pei Chui); Chua, SH (Chua, Sze Hui); Wong, SH (Wong, Siong Heng); Chiba, S (Chiba, Shunsuke) |
| **来源出版物:** JOURNAL OF ORGANIC CHEMISTRY  **卷:** 76  **期:** 15  **页:** 6159-6168  **DOI:** 10.1021/jo200897q  **出版年:** AUG 5 2011 |

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| **第 47 条，共56条** |
| **标题:** Expedient Synthesis of N-Acyl Anthranilamides and beta-Enamine Amides by the Rh(III)-Catalyzed Amidation of Aryl and Vinyl C-H Bonds with Isocyanates |
| **作者:** Hesp, KD (Hesp, Kevin D.); Bergman, RG (Bergman, Robert G.); Ellman, JA (Ellman, Jonathan A.) |
| **来源出版物:** JOURNAL OF THE AMERICAN CHEMICAL SOCIETY  **卷:** 133  **期:** 30  **页:** 11430-11433  **DOI:** 10.1021/ja203495c  **出版年:** AUG 3 2011 |

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| **第 48 条，共56条** |
| **标题:** Ruthenium-Catalyzed Oxidative Synthesis of 2-Pyridones through C-H/N-H Bond Functionalizations |
| **作者:** Ackermann, L (Ackermann, Lutz); Lygin, AV (Lygin, Alexander V.); Hofmann, N (Hofmann, Nora) |
| **来源出版物:** ORGANIC LETTERS  **卷:** 13  **期:** 12  **页:** 3278-3281  **DOI:** 10.1021/ol201244s  **出版年:** JUN 17 2011 |

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| **第 49 条，共56条** |
| **标题:** Rhodium-Catalyzed Regioselective Olefination Directed by a Carboxylic Group |
| **作者:** Mochida, S (Mochida, Satoshi); Hirano, K (Hirano, Koji); Satoh, T (Satoh, Tetsuya); Miura, M (Miura, Masahiro) |
| **来源出版物:** JOURNAL OF ORGANIC CHEMISTRY  **卷:** 76  **期:** 9  **页:** 3024-3033  **DOI:** 10.1021/jo200509m  **出版年:** MAY 6 2011 |

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| **第 50 条，共56条** |
| **标题:** Rhodium(III)-Catalyzed Heterocycle Synthesis Using an Internal Oxidant: Improved Reactivity and Mechanistic Studies |
| **作者:** Guimond, N (Guimond, Nicolas); Gorelsky, SI (Gorelsky, Serge I.); Fagnou, K (Fagnou, Keith) |
| **来源出版物:** JOURNAL OF THE AMERICAN CHEMICAL SOCIETY  **卷:** 133  **期:** 16  **页:** 6449-6457  **DOI:** 10.1021/ja201143v  **出版年:** APR 27 2011 |

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| **第 51 条，共56条** |
| **标题:** Diverse Strategies toward Indenol and Fulvene Derivatives: Rh-Catalyzed C-H Activation of Aryl Ketones Followed by Coupling with Internal Alkynes |
| **作者:** Patureau, FW (Patureau, Frederic W.); Besset, T (Besset, Tatiana); Kuhl, N (Kuhl, Nadine); Glorius, F (Glorius, Frank) |
| **来源出版物:** JOURNAL OF THE AMERICAN CHEMICAL SOCIETY  **卷:** 133  **期:** 7  **页:** 2154-2156  **DOI:** 10.1021/ja110650m  **出版年:** FEB 23 2011 |

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| **第 52 条，共56条** |
| **标题:** Synthesis of Isoquinolines from alpha-Aryl Vinyl Azides and Internal Alkynes by Rh-Cu Bimetallic Cooperation |
| **作者:** Wang, YF (Wang, Yi-Feng); Toh, KK (Toh, Kah Kah); Lee, JY (Lee, Jian-Yuan); Chiba, S (Chiba, Shunsuke) |
| **来源出版物:** ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  **卷:** 50  **期:** 26  **页:** 5927-5931  **DOI:** 10.1002/anie.201101009  **出版年:** 2011 |

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| **第 53 条，共56条** |
| **标题:** Rhodium-catalyzed direct ortho C-H olefination of phenol derivatives |
| **作者:** Feng, C (Feng, Chao); Loh, TP (Loh, Teck-Peng) |
| **来源出版物:** CHEMICAL COMMUNICATIONS  **卷:** 47  **期:** 37  **页:** 10458-10460  **DOI:** 10.1039/c1cc14108b  **出版年:** 2011 |

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| **第 54 条，共56条** |
| **标题:** Pyridine synthesis from oximes and alkynes via rhodium(III) catalysis: Cp\* and Cp-t provide complementary selectivity |
| **作者:** Hyster, TK (Hyster, Todd K.); Rovis, T (Rovis, Tomislav) |
| **来源出版物:** CHEMICAL COMMUNICATIONS  **卷:** 47  **期:** 43  **页:** 11846-11848  **DOI:** 10.1039/c1cc15248c  **出版年:** 2011 |

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| **第 55 条，共56条** |
| **标题:** Recent advances in indole syntheses: New routes for a classic target |
| **作者:** Vicente, R (Vicente, Ruben) |
| **来源出版物:** ORGANIC & BIOMOLECULAR CHEMISTRY  **卷:** 9  **期:** 19  **页:** 6469-6480  **DOI:** 10.1039/c1ob05750b  **出版年:** 2011 |
| **第 56 条，共56条** |
| 标题: Rhodium(III)-Catalyzed Arene and Alkene C-H Bond Functionalization Leading to Indoles and Pyrroles |
| 作者: Stuart, DR (Stuart, David R.); Alsabeh, P (Alsabeh, Pamela); Kuhn, M (Kuhn, Michelle); Fagnou, K (Fagnou, Keith) |
| 来源出版物: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY  卷: 132  期: 51  页: 18326-18339  DOI: 10.1021/ja1082624  出版年: DEC 29 2010 |

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| **第 1 条，共 45 条** |
| **标题:** Regioselective synthesis of multisubstituted isoquinolones and pyridones via Rh(III)-catalyzed annulation reactions |
| **作者:** Shi, LL (Shi, Liangliang); Yu, K (Yu, Ke); Wang, BQ (Wang, Baiquan) |
| **来源出版物:** CHEMICAL COMMUNICATIONS  **卷:** 51  **期:** 97  **页:** 17277-17280  **DOI:** 10.1039/c5cc05977a  **出版年:** DEC 18 2015 |

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| **第 2 条，共45条** |
| **标题:** Rhodium(III)-catalyzed annulation of 2-arylimidazo[1,2-a]pyridines and alkynes via direct double C-H activation |
| **作者:** Wang, W (Wang, Wei); Niu, JL (Niu, Jun-Long); Liu, WB (Liu, Wen-Bo); Shi, TH (Shi, Tan-Hao); Hao, XQ (Hao, Xin-Qi); Song, MP (Song, Mao-Ping) |
| **来源出版物:** TETRAHEDRON  **卷:** 71  **期:** 42  **页:** 8200-8207  **DOI:** 10.1016/j.tet.2015.08.019  **出版年:** OCT 21 2015 |

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| **第 3 条，共45条** |
| **标题:** Diversity-Oriented Synthesis through Rh-Catalyzed Selective Transformations of a Novel Multirole Directing Group |
| **作者:** Su, B (Su, Bo); Wei, JB (Wei, Jiang-bo); Wu, WL (Wu, Wen-lian); Shi, ZJ (Shi, Zhang-jie) |
| **来源出版物:** CHEMCATCHEM  **卷:** 7  **期:** 18  **特刊:** SI  **页:** 2986-2990  **DOI:** 10.1002/cctc.201500410  **出版年:** SEP 14 2015 |

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| **第 4 条，共45条** |
| **标题:** Rhodium-Catalyzed CH Annulation of Nitrones with Alkynes: A Regiospecific Route to Unsymmetrical 2,3-Diaryl-Substituted Indoles |
| **作者:** Yan, H (Yan, Hao); Wang, HL (Wang, Haolong); Li, XC (Li, Xincheng); Xin, XY (Xin, Xiaoyi); Wang, CX (Wang, Chunxiang); Wan, BS (Wan, Boshun) |
| **来源出版物:** ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  **卷:** 54  **期:** 36  **页:** 10613-10617  **DOI:** 10.1002/anie.201503997  **出版年:** SEP 1 2015 |

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| **第5 条，共45条** |
| **标题:** Base-Promoted N-Pyridylation of Heteroarenes Using N-Propargyl Enaminones as Equivalents of Pyridine Scaffolds |
| **作者:** Cheng, GL (Cheng, Guolin); Weng, YX (Weng, Yunxiang); Yang, XF (Yang, Xifa); Cui, XL (Cui, Xiuling) |
| **来源出版物:** ORGANIC LETTERS  **卷:** 17  **期:** 15  **页:** 3790-3793  **DOI:** 10.1021/acs.orglett.5b01733  **出版年:** AUG 7 2015 |

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| **第 6 条，共45条** |
| **标题:** Palladium(II)-Catalyzed C-H Activation and C-C Coupling/Cyclization of Benzamidine and Terminal Alkynes Using an Internal Oxidant |
| **作者:** Zhang, X (Zhang, Xu); Xu, XF (Xu, Xuefeng); Wu, YK (Wu, Yingke); Wang, ZQ (Wang, Zhiqiang); Yu, LT (Yu, Lintao); Zhao, Q (Zhao, Qiang); Shi, F (Shi, Fu) |
| **来源出版物:** SYNLETT  **卷:** 26  **期:** 13  **页:** 1885-1889  **DOI:** 10.1055/s-0034-1380220  **出版年:** AUG 2015 |

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| **第 7 条，共45条** |
| **标题:** Mechanistic Understanding of the Aryl-Dependent Ring Formations in Rh(III)-Catalyzed C-H Activation/Cycloaddition of Benzamides and Methylenecyclopropanes by DFT Calculations |
| **作者:** Guo, W (Guo, Wei); Zhou, T (Zhou, Tao); Xia, YZ (Xia, Yuanzhi) |
| **来源出版物:** ORGANOMETALLICS  **卷:** 34  **期:** 12  **页:** 3012-3020  **DOI:** 10.1021/acs.organomet.5b00317  **出版年:** JUN 22 2015 |

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| **第 8 条，共45条** |
| **标题:** Rhodium-Catalyzed Desulfination of Sodium Arenesulfinates and Oxidative Annulation with Alkynes |
| **作者:** Wang, H (Wang, Hui); Wang, YY (Wang, Yuyuan); Yang, HJ (Yang, Haijun); Tan, CY (Tan, Chunyan); Jiang, YY (Jiang, Yuyang); Zhao, YF (Zhao, Yufen); Fu, H (Fu, Hua) |
| **来源出版物:** ADVANCED SYNTHESIS & CATALYSIS  **卷:** 357  **期:** 2-3  **页:** 489-499  **DOI:** 10.1002/adsc.201400930  **出版年:** FEB 9 2015 |

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| **第 9 条，共45条** |
| **标题:** Indole synthesis through transition metal-catalyzed C-H activation |
| **作者:** Guo, TL (Guo, Tenglong); Huang, F (Huang, Fei); Yu, LK (Yu, Likun); Yu, ZK (Yu, Zhengkun) |
| **来源出版物:** TETRAHEDRON LETTERS  **卷:** 56  **期:** 2  **页:** 296-302  **DOI:** 10.1016/j.tetlet.2014.11.114  **出版年:** JAN 8 2015 |

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| **第 10 条，共45条** |
| **标题:** Transition metal-catalyzed C-H bond functionalizations by the use of diverse directing groups |
| **作者:** Chen, ZK (Chen, Zhengkai); Wang, BJ (Wang, Binjie); Zhang, JT (Zhang, Jitan); Yu, WL (Yu, Wenlong); Liu, ZX (Liu, Zhanxiang); Zhang, YH (Zhang, Yuhong) |
| **来源出版物:** Organic Chemistry Frontiers  **卷:** 2  **期:** 9  **页:** 1107-1295  **DOI:** 10.1039/c5qo00004a  **出版年:** 2015 |

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| **第 11 条，共45条** |
| **标题:** Metal-free nitrative cyclization of N-aryl imines with tert-butyl nitrite: dehydrogenative access to 3-nitroindoles |
| **作者:** Deng, GB (Deng, Guo-Bo); Zhang, JL (Zhang, Jia-Ling); Liu, YY (Liu, Yan-Yun); Liu, B (Liu, Bang); Yang, XH (Yang, Xu-Heng); Li, JH (Li, Jin-Heng) |
| **来源出版物:** CHEMICAL COMMUNICATIONS  **卷:** 51  **期:** 10  **页:** 1886-1888  **DOI:** 10.1039/c4cc08498e  **出版年:** 2015 |

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| **第 12 条，共45条** |
| **标题:** Rhodium(III)-Catalyzed Intramolecular Redox-Neutral Annulation of Tethered Alkynes: Formal Total Synthesis of (+/-)-Goniomitine |
| **作者:** Zhou, B (Zhou, Bing); Du, JJ (Du, Juanjuan); Yang, YX (Yang, Yaxi); Li, YC (Li, Yuanchao) |
| **来源出版物:** CHEMISTRY-A EUROPEAN JOURNAL  **卷:** 20  **期:** 40  **页:** 12768-12772  **DOI:** 10.1002/chem.201403973  **出版年:** SEP 26 2014 |

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| **第 13 条，共45条** |
| **标题:** Rh(III)-Catalyzed Regioselective Functionalization of C-H Bonds of Naphthylcarbamates for Oxidative Annulation with Alkynes |
| **作者:** Zhang, X (Zhang, Xuan); Si, WL (Si, Weili); Bao, M (Bao, Ming); Asao, N (Asao, Naoki); Yamamoto, Y (Yamamoto, Yoshinori); Jin, TN (Jin, Tienan) |
| **来源出版物:** ORGANIC LETTERS  **卷:** 16  **期:** 18  **页:** 4830-4833  **DOI:** 10.1021/ol502317c  **出版年:** SEP 19 2014 |

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| **第 14 条，共45条** |
| **标题:** Copper-Catalyzed Cyclization of Oxime Acetates with 2-Benzylidenemalononitriles for Synthesis of 2-Aminonicotinonitriles |
| **作者:** Cai, ZJ (Cai Zhongjian); Lu, XM (Lu Xinmou); Wang, SY (Wang Shunyi); Ji, SJ (Ji Shunjun) |
| **来源出版物:** ACTA CHIMICA SINICA  **卷:** 72  **期:** 8  **页:** 914-919  **DOI:** 10.6023/A14040263  **出版年:** AUG 15 2014 |

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| **第 15 条，共45条** |
| **标题:** Synthesis of Sterically Congested Polycyclic Aromatic Hydrocarbons: Rhodium(III)-Catalyzed Cascade Oxidative Annulation of Aryl Ketoximes with Diphenylacetylene by Sequential Cleavage of Multiple C-H Bonds |
| **作者:** Liu, B (Liu, Bin); Hu, F (Hu, Fang); Shi, BF (Shi, Bing-Feng) |
| **来源出版物:** ADVANCED SYNTHESIS & CATALYSIS  **卷:** 356  **期:** 11-12  **页:** 2688-2696  **DOI:** 10.1002/adsc.201400292  **出版年:** AUG 11 2014 |

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| **第 16 条，共45条** |
| **标题:** Rh(III)-Catalyzed Intramolecular Redox-Neutral or Oxidative Cyclization of Alkynes: Short, Efficient Synthesis of 3,4-Fused Indole Skeletons |
| **作者:** Zhou, B (Zhou, Bing); Yang, YX (Yang, Yaxi); Tang, HY (Tang, Huanyu); Du, JJ (Du, Juanjuan); Feng, HJ (Feng, Huijin); Li, YC (Li, Yuanchao) |
| **来源出版物:** ORGANIC LETTERS  **卷:** 16  **期:** 15  **页:** 3900-3903  **DOI:** 10.1021/ol501599j  **出版年:** AUG 1 2014 |

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| **第 17 条，共45条** |
| **标题:** Rh(III)-Catalyzed Selective Coupling of N-Methoxy-1H-indole-1-carboxamides and Aryl Boronic Acids |
| **作者:** Zheng, J (Zheng, Jing); Zhang, Y (Zhang, Yan); Cui, SL (Cui, Sunliang) |
| **来源出版物:** ORGANIC LETTERS  **卷:** 16  **期:** 13  **页:** 3560-3563  **DOI:** 10.1021/ol5014312  **出版年:** JUL 4 2014 |

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| **第 18 条，共45条** |
| **标题:** Naphthoquinone-Directed C-H Annulation and C-sp3-H Bond Cleavage: One-Pot Synthesis of Tetracyclic Naphthoxazoles |
| **作者:** Wang, MN (Wang, Meining); Zhang, C (Zhang, Chi); Sun, LP (Sun, Li-Ping); Ding, CY (Ding, Chunyong); Zhang, A (Zhang, Ao) |
| **来源出版物:** JOURNAL OF ORGANIC CHEMISTRY  **卷:** 79  **期:** 10  **页:** 4553-4560  **DOI:** 10.1021/jo500572u  **出版年:** MAY 16 2014 |

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| **第 19 条，共45条** |
| **标题:** Efficient Synthesis of Isoquinolines via Rh(III)-Catalyzed Oxidative Annulation of Picolinamides with Alkynes |
| **作者:** Qian, ZC (Qian, Zhen-Chao); Zhou, J (Zhou, Jun); Li, B (Li, Bo); Shi, BF (Shi, Bing-Feng) |
| **来源出版物:** SYNLETT  **卷:** 25  **期:** 7  **页:** 1036-1040  **DOI:** 10.1055/s-0033-1340870  **出版年:** APR 23 2014 |

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| **第 20 条，共45条** |
| **标题:** Rhodium(III)- Catalyzed Oxidative Olefination of Picolinamides: Convenient Synthesis of 3-Alkenylpicolinamides |
| **作者:** Zhou, J (Zhou, Jun); Li, B (Li, Bo); Qian, ZC (Qian, Zhen-Chao); Shi, BF (Shi, Bing-Feng) |
| **来源出版物:** ADVANCED SYNTHESIS & CATALYSIS  **卷:** 356  **期:** 5  **页:** 1038-1046  **DOI:** 10.1002/adsc.201300895  **出版年:** MAR 24 2014 |

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| **第 21 条，共45条** |
| **标题:** Cross-coupling/annulations of quinazolones with alkynes for access to fused polycyclic heteroarenes under mild conditions |
| **作者:** Lu, H (Lu, Hui); Yang, Q (Yang, Qin); Zhou, YR (Zhou, Yirong); Guo, YQ (Guo, Yanqin); Deng, ZH (Deng, Zhihong); Ding, QP (Ding, Qiuping); Peng, YY (Peng, Yiyuan) |
| **来源出版物:** ORGANIC & BIOMOLECULAR CHEMISTRY  **卷:** 12  **期:** 5  **页:** 758-764  **DOI:** 10.1039/c3ob41955j  **出版年:** FEB 7 2014 |

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| **第 22 条，共45条** |
| **标题:** Rhodium(III)-Catalyzed Regioselective Direct C-2 Alkenylation of Indoles Assisted by the Removable N-(2-Pyrimidyl) Group |
| **作者:** Gong, BW (Gong, Binwei); Shi, JJ (Shi, Jingjing); Wang, XW (Wang, Xiaowei); Yan, YN (Yan, Yunnan); Li, Q (Li, Qiu); Meng, YQ (Meng, Yanqiu); Xu, HE (Xu, H. Eric); Yi, W (Yi, Wei) |
| **来源出版物:** ADVANCED SYNTHESIS & CATALYSIS  **卷:** 356  **期:** 1  **页:** 137-143  **DOI:** 10.1002/adsc.201300700  **出版年:** JAN 13 2014 |

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| **第 23 条，共45条** |
| **标题:** Synthesis of multi-substituted 4-aminopyridines via ring-opening and recyclization reactions of 2-iminopyridines |
| **作者:** Zhou, FG (Zhou, Fenguo); Zhang, N (Zhang, Ning); Xin, XQ (Xin, Xiaoqing); Zhang, X (Zhang, Xun); Liang, YJ (Liang, Yongjiu); Zhang, R (Zhang, Rui); Dong, DW (Dong, Dewen) |
| **来源出版物:** RSC ADVANCES  **卷:** 4  **期:** 35  **页:** 18198-18204  **DOI:** 10.1039/c4ra02428a  **出版年:** 2014 |

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| **第 24 条，共45条** |
| **标题:** N-Oxide as a Traceless Oxidizing Directing Group: Mild Rhodium(III)-Catalyzed C-H Olefination for the Synthesis of ortho-Alkenylated Tertiary Anilines |
| **作者:** Huang, XL (Huang, Xiaolei); Huang, JS (Huang, Jingsheng); Du, CL (Du, Chenglong); Zhang, XY (Zhang, Xingyi); Song, FJ (Song, Feijie); You, JS (You, Jingsong) |
| **来源出版物:** ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  **卷:** 52  **期:** 49  **页:** 12970-12974  **DOI:** 10.1002/anie.201307174  **出版年:** DEC 2 2013 |

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| **第 25 条，共45条** |
| **标题:** Ru-II-Catalyzed Vinylative Dearomatization of Naphthols via a C(sp(2))-H Bond Activation Approach |
| **作者:** Nan, J (Nan, Jiang); Zuo, ZJ (Zuo, Zhijun); Luo, L (Luo, Lei); Bai, L (Bai, Lu); Zheng, HY (Zheng, Huayu); Yuan, YN (Yuan, Yini); Liu, JJ (Liu, Jingjing); Luan, XJ (Luan, Xinjun); Wang, YY (Wang, Yaoyu) |
| **来源出版物:** JOURNAL OF THE AMERICAN CHEMICAL SOCIETY  **卷:** 135  **期:** 46  **页:** 17306-17309  **DOI:** 10.1021/ja410060e  **出版年:** NOV 20 2013 |

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| **第 26 条，共45条** |
| **标题:** Silver-Mediated Oxidative C-H/P-H Functionalization: An Efficient Route for the Synthesis of Benzo[b]phosphole Oxides |
| **作者:** Chen, YR (Chen, Yun-Rong); Duan, WL (Duan, Wei-Liang) |
| **来源出版物:** JOURNAL OF THE AMERICAN CHEMICAL SOCIETY  **卷:** 135  **期:** 45  **页:** 16754-16757  **DOI:** 10.1021/ja407373g  **出版年:** NOV 13 2013 |

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| **第 27 条，共45条** |
| **标题:** Rhodium-Catalyzed Direct Annulation of Aldehydes with Alkynes Leading to Indenones: Proceeding through in Situ Directing Group Formation and Removal |
| **作者:** Chen, SY (Chen, Shuyou); Yu, JT (Yu, Jintao); Jiang, Y (Jiang, Yan); Chen, F (Chen, Fan); Cheng, J (Cheng, Jiang) |
| **来源出版物:** ORGANIC LETTERS  **卷:** 15  **期:** 18  **页:** 4754-4757  **DOI:** 10.1021/ol4021145  **出版年:** SEP 20 2013 |

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| **第 28 条，共45条** |
| **标题:** Rhodium-Catalyzed Directed C-H Cyanation of Arenes with N-Cyano-N-phenyl-p-toluenesulfonamide |
| **作者:** Gong, TJ (Gong, Tian-Jun); Xiao, B (Xiao, Bin); Cheng, WM (Cheng, Wan-Min); Su, W (Su, Wei); Xu, J (Xu, Jun); Liu, ZJ (Liu, Zhao-Jing); Liu, L (Liu, Lei); Fu, Y (Fu, Yao) |
| **来源出版物:** JOURNAL OF THE AMERICAN CHEMICAL SOCIETY  **卷:** 135  **期:** 29  **页:** 10630-10633  **DOI:** 10.1021/ja405742y  **出版年:** JUL 24 2013 |

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| **第 29 条，共45条** |
| **标题:** Rhodium(III)-Catalyzed Oxidative Olefination of Pyridines and Quinolines: Multigram-Scale Synthesis of Naphthyridinones |
| **作者:** Zhou, J (Zhou, Jun); Li, B (Li, Bo); Hu, F (Hu, Fang); Shi, BF (Shi, Bing-Feng) |
| **来源出版物:** ORGANIC LETTERS  **卷:** 15  **期:** 13  **页:** 3460-3463  **DOI:** 10.1021/ol401540k  **出版年:** JUL 5 2013 |

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| **第 30 条，共45条** |
| **标题:** Rhodium(III)-Catalyzed Synthesis of Cyclopenta[b]pyrroles from 1,2-Diketones, 2-Aminopyridine, and Alkynes |
| **作者:** Du, JJ (Du, Juanjuan); Zhou, B (Zhou, Bing); Yang, YX (Yang, Yaxi); Li, YC (Li, Yuanchao) |
| **来源出版物:** CHEMISTRY-AN ASIAN JOURNAL  **卷:** 8  **期:** 7  **页:** 1386-1390  **DOI:** 10.1002/asia.201300341  **出版年:** JUL 2013 |
| **第 31 条，共45条** |
| **标题:** Benzofuran synthesis via copper-mediated oxidative annulation of phenols and unactivated internal alkynes |
| **作者:** Zhu, RY (Zhu, Ruyi); Wei, JB (Wei, Jiangbo); Shi, ZJ (Shi, Zhangjie) |
| **来源出版物:** CHEMICAL SCIENCE  **卷:** 4  **期:** 9  **页:** 3706-3711  **DOI:** 10.1039/c3sc51489g  **出版年:** 2013 |

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| **第32 条，共45条** |
| **标题:** Rhodium(III)-Catalyzed Redox-Neutral Coupling of N-Phenoxyacetamides and Alkynes with Tunable Selectivity |
| **作者:** Liu, GX (Liu, Guixia); Shen, YY (Shen, Yangyang); Zhou, Z (Zhou, Zhi); Lu, XY (Lu, Xiyan) |
| **来源出版物:** ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  **卷:** 52  **期:** 23  **页:** 6033-6037  **DOI:** 10.1002/anie.201300881  **出版年:** 2013 |

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| **第 33 条，共45条** |
| **标题:** [5C+1N] Annulation of 2,4-pentadienenitriles with hydroxylamine: a synthetic route to multi-substituted 2-aminopyridines |
| **作者:** Xin, XQ (Xin, Xiaoqing); Huang, P (Huang, Peng); Xiang, DX (Xiang, Dexuan); Zhang, R (Zhang, Rui); Zhao, FY (Zhao, Fengyu); Zhang, N (Zhang, Ning); Dong, DW (Dong, Dewen) |
| **来源出版物:** ORGANIC & BIOMOLECULAR CHEMISTRY  **卷:** 11  **期:** 6  **页:** 1001-1006  **DOI:** 10.1039/c2ob27053f  **出版年:** 2013 |

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| **第 34 条，共45条** |
| **标题:** Investigation and Comparison of the Mechanistic Steps in the [(Cp\*MCl2)(2)] (Cp\*=C5Me5; M = Rh, Ir)-Catalyzed Oxidative Annulation of Isoquinolones with Alkynes |
| **作者:** Wang, NC (Wang, Nuancheng); Li, B (Li, Bin); Song, HB (Song, Haibin); Xu, SS (Xu, Shansheng); Wang, BQ (Wang, Baiquan) |
| **来源出版物:** CHEMISTRY-A EUROPEAN JOURNAL  **卷:** 19  **期:** 1  **页:** 358-364  **DOI:** 10.1002/chem.201203374  **出版年:** JAN 2013 |

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| **第 35 条，共45条** |
| **标题:** Rh-Catalyzed C-C Cleavage of Benzyl/Allylic Alcohols to Produce Benzyl/Allylic Amines or other Alcohols by Nucleophilic Addition of Intermediate Rhodacycles to Aldehydes and Imines |
| **作者:** Zhang, XS (Zhang, Xi-Sha); Li, Y (Li, Yang); Li, H (Li, Hu); Chen, K (Chen, Kang); Lei, ZQ (Lei, Zhi-Quan); Shi, ZJ (Shi, Zhang-Jie) |
| **来源出版物:** CHEMISTRY-A EUROPEAN JOURNAL  **卷:** 18  **期:** 50  **页:** 16214-16225  **DOI:** 10.1002/chem.201201867  **出版年:** DEC 2012 |

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| **第 36 条，共45条** |
| **标题:** Rhodium-Catalyzed Cascade Oxidative Annulation Leading to Substituted Naphtho[1,8-bc]pyrans by Sequential Cleavage of C(sp(2))-H/C(sp(3))-H and C(sp(2))-H/O-H Bonds |
| **作者:** Tan, X (Tan, Xing); Liu, BX (Liu, Bingxian); Li, XY (Li, Xiangyu); Li, B (Li, Bin); Xu, SS (Xu, Shansheng); Song, HB (Song, Haibin); Wang, BQ (Wang, Baiquan) |
| **来源出版物:** JOURNAL OF THE AMERICAN CHEMICAL SOCIETY  **卷:** 134  **期:** 39  **页:** 16163-16166  **DOI:** 10.1021/ja3075242  **出版年:** OCT 3 2012 |

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| **第 37 条，共45条** |
| **标题:** Chemoselective Synthesis of Naphthylamides and Isoquinolinones via Rhodium-Catalyzed Oxidative Dehydrogenative Annulation of Benzamides with Alkynes |
| **作者:** Shi, ZZ (Shi, Zhuangzhi); Tang, CH (Tang, Conghui); Jiao, N (Jiao, Ning) |
| **来源出版物:** ADVANCED SYNTHESIS & CATALYSIS  **卷:** 354  **期:** 14-15  **页:** 2695-2700  **DOI:** 10.1002/adsc.201200372  **出版年:** OCT 2012 |

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| **第 38 条，共45条** |
| **标题:** Ruthenium-Catalyzed Oxidative Coupling/Cyclization of Isoquinolones with Alkynes through C-H/N-H Activation: Mechanism Study and Synthesis of Dibenzo[a,g]quinolizin-8-one Derivatives |
| **作者:** Li, B (Li, Bin); Feng, HL (Feng, Huiliang); Wang, NAC (Wang, Nuancheng); Ma, JF (Ma, Jianfeng); Song, HB (Song, Haibin); Xu, SS (Xu, Shansheng); Wang, BQ (Wang, Baiquan) |
| **来源出版物:** CHEMISTRY-A EUROPEAN JOURNAL  **卷:** 18  **期:** 40  **页:** 12873-12879  **DOI:** 10.1002/chem.201201862  **出版年:** OCT 2012 |

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| **第 39 条，共45条** |
| **标题:** Direct Oxidative Coupling Between Unfunctionalized Arene and Olefin |
| **作者:** Weng, JQ (Weng Jianquan); Yu, ZQ (Yu Zhiqin); Zhang, GF (Zhang Guofu) |
| **来源出版物:** PROGRESS IN CHEMISTRY  **卷:** 24  **期:** 4  **页:** 523-544  **出版年:** APR 24 2012 |

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| **第 40 条，共45条** |
| **标题:** N-Directing Group Assisted Rhodium-Catalyzed Aryl C-H Addition to Aryl Aldehydes |
| **作者:** Li, Y (Li, Yang); Zhang, XS (Zhang, Xi-Sha); Chen, K (Chen, Kang); He, KH (He, Ke-Han); Pan, F (Pan, Fei); Li, BJ (Li, Bi-Jie); Shi, ZJ (Shi, Zhang-Jie) |
| **来源出版物:** ORGANIC LETTERS  **卷:** 14  **期:** 2  **页:** 636-639  **DOI:** 10.1021/ol2032784  **出版年:** JAN 20 2012 |

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| **第 41 条，共45条** |
| **标题:** Rhodium/Copper-Catalyzed Annulation of Benzimides with Internal Alkynes: Indenone Synthesis through Sequential C-H and C-N Cleavage |
| **作者:** Li, BJ (Li, Bi-Jie); Wang, HY (Wang, Hao-Yuan); Zhu, QL (Zhu, Qi-Lei); Shi, ZJ (Shi, Zhang-Jie) |
| **来源出版物:** ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  **卷:** 51  **期:** 16  **页:** 3948-3952  **DOI:** 10.1002/anie.201200271  **出版年:** 2012 |

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| **第 42 条，共45条** |
| **标题:** Mechanistic understanding of Rh-catalyzed N-sulfonylaldimine insertion into aryl C-H bonds |
| **作者:** Li, Y (Li, Yang); Zhang, XS (Zhang, Xi-Sha); Li, H (Li, Hu); Wang, WH (Wang, Wen-Hua); Chen, K (Chen, Kang); Li, BJ (Li, Bi-Jie); Shi, ZJ (Shi, Zhang-Jie) |
| **来源出版物:** CHEMICAL SCIENCE  **卷:** 3  **期:** 5  **页:** 1634-1639  **DOI:** 10.1039/c2sc01081j  **出版年:** 2012 |

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| **第 43 条，共45条** |
| **标题:** Ruthenium-Catalyzed Isoquinolone Synthesis through C-H Activation Using an Oxidizing Directing Group |
| **作者:** Li, B (Li, Bin); Feng, HL (Feng, Huiliang); Xu, SS (Xu, Shansheng); Wang, BQ (Wang, Baiquan) |
| **来源出版物:** CHEMISTRY-A EUROPEAN JOURNAL  **卷:** 17  **期:** 45  **页:** 12573-12577  **DOI:** 10.1002/chem.201102445  **出版年:** NOV 4 2011 |

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| **第 44 条，共45条** |
| **标题:** Palladium-Catalyzed Intramolecular C(sp(2))-H Amidination by Isonitrile Insertion Provides Direct Access to 4-Aminoquinazolines from N-Arylamidines |
| **作者:** Wang, Y (Wang, Yong); Wang, HG (Wang, Honggen); Peng, JL (Peng, Jiangling); Zhu, Q (Zhu, Qiang) |
| **来源出版物:** ORGANIC LETTERS  **卷:** 13  **期:** 17  **页:** 4604-4607  **DOI:** 10.1021/ol201807n  **出版年:** SEP 2 2011 |

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| **第 45 条，共45条** |
| **标题:** Rhodium-Catalyzed Direct Addition of Aryl C-H Bonds to N-Sulfonyl Aldimines |
| **作者:** Li, Y (Li, Yang); Li, BJ (Li, Bi-Jie); Wang, WH (Wang, Wen-Hua); Huang, WP (Huang, Wei-Ping); Zhang, XS (Zhang, Xi-Sha); Chen, K (Chen, Kang); Shi, ZJ (Shi, Zhang-Jie) |
| **来源出版物:** ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  **卷:** 50  **期:** 9  **页:** 2115-2119  **DOI:** 10.1002/anie.201007464  **出版年:** 2011 |

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