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-Catalyzed Oxidative Coupling between Primary and Secondary Benzamides and Alkynes: Synthesis of Polycyclic Amides** | | | | |
| **作者（英文）** | **Song Guoyong, Chen Dan, Pan Cheng-Ling, Li Xingwei** | | | | |
| **作者（中文）** | **宋国勇，陈丹，潘成岭，李兴伟\*** | | | | |
| **期刊名称** | **Journal of Organic Chemistry** | | | | |
| **发表日期** | **20150.11.5** | **卷** | **51** | **起止页码** | **17277-17280** |
| **总引用次数** | **118** | | | **他引次数** | **100** |
| **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2006-2015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）

**一、引用论文第一产权单位为国外机构**

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| 第 1 条，共58条 |
| 标题: Pyridine N-Oxide vs Pyridine Substrates for Rh(III)-Catalyzed Oxidative C-H Bond Functionalization |
| 作者: Neufeldt, SR (Neufeldt, Sharon R.); Jimenez-Oses, G (Jimenez-Oses, Gonzalo); Huckins, JR (Huckins, John R.); Thiel, OR (Thiel, Oliver R.); Houk, KN (Houk, K. N.) |
| 来源出版物: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY  卷: 137  期: 31  页: 9843-9854   出版年: AUG 12 2015 |

|  |
| --- |
| 第 2 条，共58条 |
| 标题: Nickel Catalysts/N,N '-Bidentate Directing Groups: An Excellent Partnership in Directed C-H Activation Reactions |
| 作者: Castro, LCM (Castro, Luis C. Misal); Chatani, N (Chatani, Naoto) |
| 来源出版物: CHEMISTRY LETTERS  卷: 44  期: 4  页: 410-421    出版年: APR 5 2015 |

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| 第 3 条，共58条 |
| 标题: Rhodium(III)-N-Heterocyclic Carbene-Driven Cascade C-H Activation Catalysis |
| 作者: Ghorai, D (Ghorai, Debasish); Choudhury, J (Choudhury, Joyanta) |
| 来源出版物: ACS CATALYSIS  卷: 5  期: 4  页: 2692-2696   出版年: APR 2015 |

|  |
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| 第 4 条，共58条 |
| 标题: Expedient Synthesis of Pyrroloquinolinones by Rh-Catalyzed Annulation of N-Carbamoyl Indolines with Alkynes through a Directed C-H Functionalization/C-N Cleavage Sequence |
| 作者: Yang, XF (Yang, Xiao-Fei); Hu, XH (Hu, Xu-Hong); Loh, TP (Loh, Teck-Peng) |
| 来源出版物: ORGANIC LETTERS  卷: 17  期: 6  页: 1481-1484    出版年: MAR 20 2015 |

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| --- |
| 第 5条，共58条 |
| 标题: Rh(III)-catalyzed [5+1] oxidative cycloaddition of arylguanidines with alkynes: a novel access to C4-disubstituted 1,4-dihydroquinazolin-2-amines |
| 作者: Cajaraville, A (Cajaraville, Ana); Suarez, J (Suarez, Jaime); Lopez, S (Lopez, Susana); Varela, JA (Varela, Jesus A.); Saa, C (Saa, Carlos) |
| 来源出版物: CHEMICAL COMMUNICATIONS  卷: 51  期: 82  页: 15157-15160    出版年: 2015 |

|  |
| --- |
| 第 6 条，共58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   出版年: 2015 |

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| 第 7 条，共58条 |
| 标题: Microwave-assisted, ruthenium-catalyzed intramolecular amide-alkyne annulation for the rapid synthesis of fused tricyclic isoquinolinones |
| 作者: Swamy, T (Swamy, T.); Rao, BM (Rao, B. Maheshwar); Yadav, JS (Yadav, J. S.); Ravinder, V (Ravinder, V.); Sridhar, B (Sridhar, B.); Reddy, BVS (Reddy, B. V. Subba) |
| 来源出版物: RSC ADVANCES  卷: 5  期: 84  页: 68510-68514    出版年: 2015 |

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| 第 8 条，共58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    出版年: 2015 |

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| 第 9 条，共58条 |
| 标题: High-Valent Co(III)- and Ni(II)-Catalyzed C-H Activation |
| 作者: Hyster, TK (Hyster, Todd K.) |
| 来源出版物: CATALYSIS LETTERS  卷: 145  期: 1  页: 458-467    出版年: JAN 2015 |

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| 第 10 条 |
| 标题: Metal-free Dehydrogenative Isoquinolone Synthesis |
| 作者: Jin, RW (Jin, Rongwei); Patureau, FW (Patureau, Frederic W.) |
| 来源出版物: CHEMCATCHEM  卷: 7  期: 2  页: 223-225   出版年: JAN 2015 |

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| --- |
| 第 11 条，共58条 |
| 标题: An expedient approach to synthesize fluorescent 3-substituted 4H-quinolizin-4-ones via (eta(4)-vinylketene)-Fe(CO)(3) complexes |
| 作者: Rosas-Sanchez, A (Rosas-Sanchez, Alfredo); Toscano, RA (Toscano, Ruben A.); Lopez-Cortes, JG (Lopez-Cortes, Jose G.); Ortega-Alfaro, MC (Carmen Ortega-Alfaro, M.) |
| 来源出版物: DALTON TRANSACTIONS  卷: 44  期: 2  页: 578-590   出版年: 2015 |

|  |
| --- |
| 第 12 条，共58条 |
| 标题: Ligand design for Rh(III)-catalyzed C-H activation: an unsymmetrical cyclopentadienyl group enables a regioselective synthesis of dihydroisoquinolones |
| 作者: Hyster, TK (Hyster, Todd K.); Dalton, DM (Dalton, Derek M.); Rovis, T (Rovis, Tomislav) |
| 来源出版物: CHEMICAL SCIENCE  卷: 6  期: 1  页: 254-258   出版年: 2015 |

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| --- |
| 第 13 条，共58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   出版年: NOV 17 2014 |

|  |
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| 第 14 条，共58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   出版年: SEP 19 2014 |

|  |
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| 第 15 条，共58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  出版年: SEP 8 2014 |

|  |
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| 第 16 条，共58条 |
| 标题: Rh(III)-Catalyzed Cyclopropanation Initiated by C-H Activation: Ligand Development Enables a Diastereoselective [2+1] Annulation of N-Enoxyphthalimides and Alkenes |
| 作者: Piou, T (Piou, Tiffany); Rovis, T (Rovis, Tomislav) |
| 来源出版物: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY  卷: 136  期: 32  页: 11292-11295    出版年: AUG 13 2014 |

|  |
| --- |
| 第 17 条，共58条 |
| 标题: Development of Direct Aromatic Coupling Reactions by Transition-Metal Catalysis |
| 作者: Miura, M (Miura, Masahiro); Satoh, T (Satoh, Tetsuya); Hirano, K (Hirano, Koji) |
| 来源出版物: BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN  卷: 87  期: 7  页: 751-764    出版年: JUL 15 2014 |

|  |
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| 第 18 条，共58条 |
| 标题: Oxidative Annulation of Anilides with Internal Alkynes Using an (Electron-Deficient eta(5)-Cyclopentadienyl)Rhodium(III) Catalyst Under Ambient Conditions |
| 作者: Hoshino, Y (Hoshino, Yuki); Shibata, Y (Shibata, Yu); Tanaka, K (Tanaka, Ken) |
| 来源出版物: ADVANCED SYNTHESIS & CATALYSIS  卷: 356  期: 7  特刊: SI  页: 1577-1585   出版年: MAY 5 2014 |

|  |
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| 第 19 条，共58条 |
| 标题: The Oxidative Annulation of Tertiary Benzyl Alcohols with Internal Alkynes using an (Electron-Deficient eta(5)-Cyclopentadienyl)Rhodium(III) Catalyst under Ambient Conditions |
| 作者: Fukui, M (Fukui, Miho); Hoshino, Y (Hoshino, Yuki); Satoh, T (Satoh, Tetsuya); Miura, M (Miura, Masahiro); Tanaka, K (Tanaka, Ken) |
| 来源出版物: ADVANCED SYNTHESIS & CATALYSIS  卷: 356  期: 7  特刊: SI  页: 1638-1644    出版年: MAY 5 2014 |

|  |
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| 第 20 条，共58条 |
| 标题: Ruthenium-Catalyzed Synthesis of lsoquinolones with 8-Aminoquinoline as a Bidentate Directing Group in C-H Functionalization |
| 作者: Allu, S (Allu, Srinivasarao); Swamy, KCK (Swamy, K. C. Kumara) |
| 来源出版物: JOURNAL OF ORGANIC CHEMISTRY  卷: 79  期: 9  页: 3963-3972    出版年: MAY 2 2014 |

|  |
| --- |
| 第 21 条，共58条 |
| 标题: Synthesis of Pyrrolo[3,2-b]carbazole Derivatives via Palladium-Catalyzed C-H Activation |
| 作者: Jella, RR (Jella, Rama Raju); Nagarajan, R (Nagarajan, Rajagopal) |
| 来源出版物: SYNTHESIS-STUTTGART  卷: 46  期: 9  页: 1211-1216 出版年: MAY 2014 |

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| 第 22 条，共58条 |
| 标题: Rhodium(III)-Catalyzed Ortho-Alkenylation through C-H Bond Cleavage Directed by Sulfoxide Groups |
| 作者: Nobushige, K (Nobushige, Kazunori); Hirano, K (Hirano, Koji); Satoh, T (Satoh, Tetsuya); Miura, M (Miura, Masahiro) |
| 来源出版物: ORGANIC LETTERS  卷: 16  期: 4  页: 1188-1191    出版年: FEB 21 2014 |

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| 第 23 条，共58条 |
| 标题: Rhodium(III) catalyzed synthesis of isoquinolone fused azabicycles through C-H activation of N-pivaloyloxy benzamides |
| 作者: Prakash, P (Prakash, Praveen); Jijy, E (Jijy, E.); Apama, PS (Apama, P. S.); Viji, S (Viji, S.); Radhakrishnan, KV (Radhakrishnan, K. V.) |
| 来源出版物: TETRAHEDRON LETTERS  卷: 55  期: 4  页: 916-920    出版年: JAN 22 2014 |

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| --- |
| 第 24 条，共58条 |
| 标题: Ruthenium(II)-catalyzed C-H activation/C-N bond formation via in situ generated iminophosphorane as the directing group: construction of annulated pyridin-2(1H)-ones |
| 作者: Arigela, RK (Arigela, Rajesh K.); Kumar, R (Kumar, Ravi); Joshi, T (Joshi, Trapti); Mahar, R (Mahar, Rohit); Kundu, B (Kundu, Bijoy) |
| 来源出版物: RSC ADVANCES  卷: 4  期: 101  页: 57749-57753    出版年: 2014 |

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| 第 25 条，共58条 |
| 标题: An Approach to Benzophosphole Oxides through Silver- or Manganese-Mediated Dehydrogenative Annulation Involving C-C and C-P Bond Formation |
| 作者: Unoh, Y (Unoh, Yuto); Hirano, K (Hirano, Koji); Satoh, T (Satoh, Tetsuya); Miura, M (Miura, Masahiro) |
| 来源出版物: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  卷: 52  期: 49  页: 12975-12979    出版年: DEC 2 2013 |

|  |
| --- |
| 第 26 条，共58条 |
| 标题: Rhodium-Catalyzed Decarboxylative and Dehydrogenative Coupling of Maleic Acids with Alkynes and Alkenes |
| 作者: Itoh, M (Itoh, Masaki); Shimizu, M (Shimizu, Masaki); Hirano, K (Hirano, Koji); Satoh, T (Satoh, Tetsuya); Miura, M (Miura, Masahiro) |
| 来源出版物: JOURNAL OF ORGANIC CHEMISTRY  卷: 78  期: 22  页: 11427-11432  DOI: 10.1021/jo401992d  出版年: NOV 15 2013 |

|  |
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| 第 27 条，共58条 |
| 标题: Catalytic Functionalization of C(sp(2))-H and C(sp(3))-H Bonds by Using Bidentate Directing Groups |
| 作者: Rouquet, G (Rouquet, Guy); Chatani, N (Chatani, Naoto) |
| 来源出版物: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  卷: 52  期: 45  页: 11726-11743    出版年: NOV 4 2013 |

|  |
| --- |
| 第 28 条，共58条 |
| 标题: Rhodium(III)-Catalyzed C-H Activation Mediated Synthesis of Isoquinolones from Amides and Cyclopropenes |
| 作者: Hyster, TK (Hyster, Todd K.); Rovis, T (Rovis, Tomislav) |
| 来源出版物: SYNLETT  卷: 24  期: 14  页: 1842-1844    出版年: SEP 2013 |

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| --- |
| 第 29 条，共58条 |
| 标题: Oxidant-Free Rh(III)-Catalyzed Direct C-H Olefination of Arenes with Allyl Acetates |
| 作者: Feng, C (Feng, Chao); Feng, DM (Feng, Daming); Loh, TP (Loh, Teck-Peng) |
| 来源出版物: ORGANIC LETTERS  卷: 15  期: 14  页: 3670-3673   出版年: JUL 19 2013 |

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| 第 30条，共58条 |
| 标题: Rhodium(III)-catalyzed Oxidative Coupling through C-H Bond Cleavage Directed by Phosphinoxy Groups |
| 作者: Unoh, Y (Unoh, Yuto); Hashimoto, Y (Hashimoto, Yuto); Takeda, D (Takeda, Daisuke); Hirano, K (Hirano, Koji); Satoh, T (Satoh, Tetsuya); Miura, M (Miura, Masahiro) |
| 来源出版物: ORGANIC LETTERS  卷: 15  期: 13  页: 3258-3261    出版年: JUL 5 2013 |

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| 第 31 条，共58条 |
| 标题: Primary Amines as Directing Groups in the Ru-Catalyzed Synthesis of Isoquinolines, Benzoisoquinolines, and Thienopyridines |
| 作者: Villuendas, P (Villuendas, Pedro); Urriolabeitia, EP (Urriolabeitia, Esteban P.) |
| 来源出版物: JOURNAL OF ORGANIC CHEMISTRY  卷: 78  期: 11  页: 5254-5263  出版年: JUN 7 2013 |

|  |
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| 第 32 条，共58条 |
| 标题: Pd(II)-catalyzed intramolecular aminopalladation/direct C-H arylation under aerobic conditions: synthesis of pyrrolo[1,2-a]indoles |
| 作者: Piou, T (Piou, Tiffany); Neuville, L (Neuville, Luc); Zhu, JP (Zhu, Jieping) |
| 来源出版物: TETRAHEDRON  卷: 69  期: 22  页: 4415-4420    出版年: JUN 3 2013 |

|  |
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| 第 33 条，共58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   出版年: APR 10 2013 |

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| 第 34 条，共58条 |
| 标题: Rhodium- and Iridium-Catalyzed Dehydrogenative Cyclization through Double C-H Bond Cleavages To Produce Fluorene Derivatives |
| 作者: Itoh, M (Itoh, Masaki); Hirano, K (Hirano, Koji); Satoh, T (Satoh, Tetsuya); Shibata, Y (Shibata, Yu); Tanaka, K (Tanaka, Ken); Miura, M (Miura, Masahiro) |
| 来源出版物: JOURNAL OF ORGANIC DOI: 10.1021/jo4000465  出版年: FEB 15 2013 |

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| 第 35 条，共58条 |
| 标题: Rhodium-catalyzed oxidative coupling through C-H activation and annulation directed by phosphonamide and phosphinamide groups |
| 作者: Park, S (Park, Sangjune); Seo, B (Seo, Boram); Shin, S (Shin, Seohyun); Son, JY (Son, Jeong-Yu); Lee, PH (Lee, Phil Ho) |
| 来源出版物: CHEMICAL COMMUNICATIONS  卷: 49  期: 77  页: 8671-8673    出版年: 2013 |

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| 第 36 条，共58条 |
| 标题: Rhodium(III)-catalyzed intramolecular annulations involving amide-directed C-H activations: synthetic scope and mechanistic studies |
| 作者: Quinones, N (Quinones, Noelia); Seoane, A (Seoane, Andres); Garcia-Fandino, R (Garcia-Fandino, Rebeca); Mascarenas, JL (Luis Mascarenas, Jose); Gulias, M (Gulias, Moises) |
| 来源出版物: CHEMICAL SCIENCE  卷: 4  期: 7  页: 2874-2879  出版年: 2013 |

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| 第 37条，共58条 |
| 标题: Mild Rhodium(III)-Catalyzed Cyclization of Amides with alpha,beta-Unsaturated Aldehydes and Ketones to Azepinones: Application to the Synthesis of the Homoprotoberberine Framework |
| 作者: Shi, ZZ (Shi, Zhuangzhi); Grohmann, C (Grohmann, Christoph); Glorius, F (Glorius, Frank) |
| 来源出版物: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  卷: 52  期: 20  页: 5393-5397    出版年: 2013 |

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| 第 38 条，共58条 |
| 标题: Rhodium(III)-Catalyzed Direct Oxidative Cross Coupling at the C5 Position of Chromones with Alkenes |
| 作者: Samanta, R (Samanta, Rajarshi); Narayan, R (Narayan, Rishikesh); Antonchick, AP (Antonchick, Andrey P.) |
| 来源出版物: ORGANIC LETTERS  卷: 14  期: 23  页: 6108-6111   出版年: DEC 7 2012 |

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| 第 39 条，共58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    出版年: NOV-DEC 2012 |

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| 第 40 条，共58条 |
| 标题: Amide-Directed Tandem C-C/C-N Bond Formation through C-H Activation |
| 作者: Zhu, C (Zhu, Chen); Wang, R (Wang, Rui); Falck, JR (Falck, John R.) |
| 来源出版物: CHEMISTRY-AN ASIAN JOURNAL  卷: 7  期: 7  页: 1502-1514    出版年: JUN 2012 |

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| 第 41 条，共58条 |
| 标题: Access to Sultams by Rhodium(III)-Catalyzed Directed C-H Activation |
| 作者: Pham, MV (Pham, Manh V.); Ye, BH (Ye, Baihua); Cramer, N (Cramer, Nicolai) |
| 来源出版物: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  卷: 51  期: 42  页: 10610-10614  出版年: 2012 |

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| 第 42 条，共58条 |
| 标题: 1,5-Migration of rhodium via C-H bond activation in catalytic decyanative silylation of nitriles |
| 作者: Tobisu, M (Tobisu, Mamoru); Hasegawa, J (Hasegawa, Junya); Kita, Y (Kita, Yusuke); Kinuta, H (Kinuta, Hirotaka); Chatani, N (Chatani, Naoto) |
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| 第 43 条，共58条 |
| 标题: Rhodium(III)-Catalyzed Intramolecular Annulation through C?H Activation: Total Synthesis of (+/-)-Antofine, (+/-)-Septicine, (+/-)-Tylophorine, and Rosettacin |
| 作者: Xu, XX (Xu, Xianxiu); Liu, Y (Liu, Yu); Park, CM (Park, Cheol-Min) |
| 来源出版物: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  卷: 51  期: 37  页: 9372-9376    出版年: 2012 |

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| 第 44 条，共58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 45 条，共58条 |
| 标题: A CuBr-mediated aerobic reaction of 2-alkynylbenzaldehydes and primary amines: synthesis of 4-bromoisoquinolones |
| 作者: Too, PC (Too, Pei Chui); Chiba, S (Chiba, Shunsuke) |
| 来源出版物: CHEMICAL COMMUNICATIONS  卷: 48  期: 61  页: 7634-7636 出版年: 2012 |

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| 标题: Two-, three- and four-component coupling to form isoquinolones based on directed metalation |
| 作者: Antczak, MI (Antczak, Monika I.); Ready, JM (Ready, Joseph M.) |
| 来源出版物: CHEMICAL SCIENCE  卷: 3  期: 5  页: 1450-1454    出版年: 2012 |

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| 第 47 条，共58条 |
| 标题: Rhodium catalyzed C-H olefination of N-benzoylsulfonamides with internal alkenes |
| 作者: Zhu, C (Zhu, Chen); Falck, JR (Falck, John R.) |
| 来源出版物: CHEMICAL COMMUNICATIONS  卷: 48  期: 11  页: 1674-1676   出版年: 2012 |

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| 第 48 条，共58条 |
| 标题: Rhodium-Catalyzed Annulation of N-Benzoylsulfonamide with Isocyanide through C-H Activation |
| 作者: Zhu, C (Zhu, Chen); Xie, WQ (Xie, Weiqing); Falck, JR (Falck, John R.) |
| 来源出版物: CHEMISTRY-A EUROPEAN JOURNAL  卷: 17  期: 45  页: 12591-12595    出版年: NOV 4 2011 |

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| 第 49 条，共58条 |
| 标题: Nickel-Catalyzed Chelation-Assisted Transformations Involving Ortho C-H Bond Activation: Regioselective Oxidative Cycloaddition of Aromatic Amides to Alkynes |
| 作者: Shiota, H (Shiota, Hirotaka); Ano, Y (Ano, Yusuke); Aihara, Y (Aihara, Yoshinori); Fukumoto, Y (Fukumoto, Yoshiya); Chatani, N (Chatani, Naoto) |
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| 第 50 条，共58条 |
| 标题: Rh(III)-Catalyzed Directed C-H Olefination Using an Oxidizing Directing Group: Mild, Efficient, and Versatile |
| 作者: Rakshit, S (Rakshit, Souvik); Grohmann, C (Grohmann, Christoph); Besset, T (Besset, Tatiana); Glorius, F (Glorius, Frank) |
| 来源出版物: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY  卷: 133  期: 8  页: 2350-2353  出版年: MAR 2 2011 |

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| 第 51 条，共58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    出版年: FEB 23 2011 |

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| 第 52条，共58条 |
| 标题: The Vinyl Moiety as a Handle for Regiocontrol in the Preparation of Unsymmetrical 2,3-Aliphatic-Substituted Indoles and Pyrroles |
| 作者: Huestis, MP (Huestis, Malcolm P.); Chan, LN (Chan, Lina); Stuart, DR (Stuart, David R.); Fagnou, K (Fagnou, Keith) |
| 来源出版物: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  卷: 50  期: 6  页: 1338-1341   出版年: 2011 |

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| 第 53条，共58条 |
| 标题: Ruthenium-Catalyzed Oxidative Annulation by Cleavage of C-H/N-H Bonds |
| 作者: Ackermann, L (Ackermann, Lutz); Lygin, AV (Lygin, Alexander V.); Hofmann, N (Hofmann, Nora) |
| 来源出版物: ANGEWANDTE CHEMIE-INTERNATIONAL EDITION  卷: 50  期: 28  页: 6379-6382    出版年: 2011 |

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| 第 54 条，共58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   出版年: 2011 |

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| 第55条，共58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    出版年: 2011 |

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| 标题: Rhodium(III)-catalyzed oxidative carbonylation of benzamides with carbon monoxide |
| 作者: Du, Y (Du, Ya); Hyster, TK (Hyster, Todd K.); Rovis, T (Rovis, Tomislav) |
| 来源出版物: CHEMICAL COMMUNICATIONS  卷: 47  期: 44  页: 12074-12076    出版年: 2011 |

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| 第 57条，共58条 |
| 标题: An improved catalyst architecture for rhodium(III) catalyzed C-H activation and its application to pyridone synthesis |
| 作者: Hyster, TK (Hyster, Todd K.); Rovis, T (Rovis, Tomislav) |
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| 第 58 条，共58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 出版年: DEC 29 2010 |

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| 第 1 条，共42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   出版年: DEC 18 2015 |

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| 第 2 条，共42条 |
| 标题: DFT Studies on the Mechanism of the Rhodium(III)-Catalyzed C-H Activation of N-Phenoxyacetamide |
| 作者: Li, J (Li, Juan); Qiu, ZP (Qiu, Zhiping) |
| 来源出版物: JOURNAL OF ORGANIC CHEMISTRY  卷: 80  期: 21  页: 10686-10693  DOI: 10.1021/acs.joc.5b01895  出版年: NOV 6 2015 |

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| 第 3 条，共42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 4 条，共42条 |
| 标题: Synthesis of Polyheteroaromatic Compounds via Rhodium-Catalyzed Multiple C-H Bond Activation and Oxidative Annulation |
| 作者: Peng, SY (Peng, Shiyong); Liu, SN (Liu, Suna); Zhang, S (Zhang, Sai); Cao, SY (Cao, Shengyu); Sun, JT (Sun, Jiangtao) |
| 来源出版物: ORGANIC LETTERS  卷: 17  期: 20  页: 5032-5035  DOI: 10.1021/acs.orglett.5b02510  出版年: OCT 16 2015 |

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| 第 5 条，共42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 6 条，共42条 |
| 标题: Synthesis of lsoquinolones Using Visible-Light-Promoted Denitrogenative Alkyne Insertion of 1,2,3-Benzotriazinones |
| 作者: Wang, H (Wang, Hao); Yu, SY (Yu, Shouyun) |
| 来源出版物: ORGANIC LETTERS  卷: 17  期: 17  页: 4272-4275  DOI: 10.1021/acs.orglett.5b01960  出版年: SEP 4 2015 |

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| 第 7 条，共42条 |
| 标题: Direct C-H amination for indole synthesis from N-Ts-2-Styrylaniline derivatives catalyzed by copper salt |
| 作者: Chen, D (Chen, Di); Mo, HJ (Mo, Han-Jie); Chen, DB (Chen, Ding-Ben); Yang, JG (Yang, Jian-Guo) |
| 来源出版物: CHINESE CHEMICAL LETTERS  卷: 26  期: 8  页: 969-972  DOI: 10.1016/j.cclet.2015.04.020  出版年: AUG 2015 |

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| 第 8 条，共42条 |
| 标题: Metal-Free Difunctionalization of Alkynes with 2-Chlorodithiane for Synthesis of beta-Ketodithianes |
| 作者: Lai, JS (Lai, Junshan); Tian, LX (Tian, Lixia); Huo, X (Huo, Xing); Zhang, Y (Zhang, Yuan); Xie, XG (Xie, Xingang); Tang, SC (Tang, Shouchu) |
| 来源出版物: JOURNAL OF ORGANIC CHEMISTRY  卷: 80  期: 11  页: 5894-5899  DOI: 10.1021/acs.joc.5b00187  出版年: JUN 5 2015 |

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| 第 9 条，共42 |
| 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10 条，共42条 |
| 标题: Pd/C-Catalyzed Synthesis of Isoquinolones through C-H Activation |
| 作者: Shu, Z (Shu, Zhen); Li, W (Li, Wei); Wang, BQ (Wang, Baiquan) |
| 来源出版物: CHEMCATCHEM  卷: 7  期: 4  页: 605-608  DOI: 10.1002/cctc.201403059  出版年: FEB 2015 |

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| 第 11 条，共42条 |
| 标题: Synthesis of indoles and polycyclic amides via ruthenium(II)-catalyzed C-H activation and annulation |
| 作者: Lin, H (Lin, Hui); Li, SS (Li, Shuai-Shuai); Dong, L (Dong, Lin) |
| 来源出版物: ORGANIC & BIOMOLECULAR CHEMISTRY  卷: 13  期: 46  页: 11228-11234  DOI: 10.1039/c5ob01788b  出版年: 2015 |

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| 第 12 条，共42条 |
| 标题: Rhodium-catalyzed C-H activation of hydrazines leads to isoquinolones with tunable aggregation-induced emission properties |
| 作者: Yu, B (Yu, Bole); Chen, Y (Chen, Ying); Hong, M (Hong, Mei); Duan, PP (Duan, Pingping); Gan, SF (Gan, Shifeng); Chao, H (Chao, Hui); Zhao, ZJ (Zhao, Zujin); Zhao, J (Zhao, Jing) |
| 来源出版物: CHEMICAL COMMUNICATIONS  卷: 51  期: 76  页: 14365-14368  DOI: 10.1039/c5cc05239d  出版年: 2015 |

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| 第 13 条，共42条 |
| 标题: Rhodium(III)-catalyzed oxidative bicyclization of 4-arylbut-3-yn-1-amines with internal alkynes through C-H functionalization |
| 作者: Pi, R (Pi, Rui); Zhou, MB (Zhou, Ming-Bo); Yang, Y (Yang, Yuan); Gao, C (Gao, Cai); Song, RJ (Song, Ren-Jie); Li, JH (Li, Jin-Heng) |
| 来源出版物: CHEMICAL COMMUNICATIONS  卷: 51  期: 70  页: 13550-13553  DOI: 10.1039/c5cc05093f  出版年: 2015 |

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| 第 14 条，共42条 |
| 标题: Ruthenium-catalyzed oxidative coupling of 2-aryl-4-quinazolinones with olefins: synthesis of pyrrolo[2,1-b]quinazolin-9(1H)-one motifs |
| 作者: Zheng, Y (Zheng, Yong); Song, WB (Song, Wei-Bin); Zhang, SW (Zhang, Shu-Wei); Xuan, LJ (Xuan, Li-Jiang) |
| 来源出版物: ORGANIC & BIOMOLECULAR CHEMISTRY  卷: 13  期: 23  页: 6474-6478  DOI: 10.1039/c5ob00601e  出版年: 2015 |

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| 第 15 条，共42条 |
| 标题: Rhodium-catalyzed C-H functionalization-based approach to eight-membered lactams |
| 作者: Wu, SZ (Wu, Shangze); Zeng, R (Zeng, Rong); Fu, CL (Fu, Chunling); Yu, YH (Yu, Yihua); Zhang, X (Zhang, Xue); Ma, SM (Ma, Shengming) |
| 来源出版物: CHEMICAL SCIENCE  卷: 6  期: 4  页: 2275-2285  DOI: 10.1039/c5sc00092k  出版年: 2015 |

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| 第 16 条，共42条 |
| 标题: Synthesis of Indolo[2,1-a]isoquinolines via a Triazene-Directed C-H Annulation Cascade |
| 作者: Sun, H (Sun, Huan); Wang, CM (Wang, Chengming); Yang, YF (Yang, Yun-Fang); Chen, P (Chen, Ping); Wu, YD (Wu, Yun-Dong); Zhang, XH (Zhang, Xinhao); Huang, Y (Huang, Yong) |
| 来源出版物: JOURNAL OF ORGANIC CHEMISTRY  卷: 79  期: 24  页: 11863-11872  DOI: 10.1021/jo500807d  出版年: DEC 19 2014 |

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| 第 17 条，共42条 |
| 标题: Rhodium(III)-Catalyzed Three-Component Reaction of Imines, Alkynes, and Aldehydes through C-H Activation |
| 作者: Huang, JR (Huang, Ji-Rong); Song, Q (Song, Qiang); Zhu, YQ (Zhu, Yu-Qin); Qin, L (Qin, Liu); Qian, ZY (Qian, Zhi-Yong); Dong, L (Dong, Lin) |
| 来源出版物: CHEMISTRY-A EUROPEAN JOURNAL  卷: 20  期: 51  页: 16882-16886  DOI: 10.1002/chem.201404576  出版年: DEC 15 2014 |

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| 标题: Isoquinoline skeleton synthesis via chelation-assisted C-H activation |
| 作者: He, RY (He, Ruoyu); Huang, ZT (Huang, Zhi-Tang); Zheng, QY (Zheng, Qi-Yu); Wang, CY (Wang, Congyang) |
| 来源出版物: TETRAHEDRON LETTERS  卷: 55  期: 42  页: 5705-5713  DOI: 10.1016/j.tetlet.2014.08.077  出版年: OCT 15 2014 |

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| 第 19 条，共42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20 条，共42条 |
| 标题: Methyl Ketone Oxime Esters as Nucleophilic Coupling Partners in Pd-Catalyzed C-H Alkylation and Application in the Synthesis of Isoquinolines |
| 作者: Zhang, ZW (Zhang, Zhi-Wei); Lin, AJ (Lin, Aijun); Yang, J (Yang, Jiong) |
| 来源出版物: JOURNAL OF ORGANIC CHEMISTRY  卷: 79  期: 15  页: 7041-7050  DOI: 10.1021/jo5010586  出版年: AUG 1 2014 |

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| 第 21 条，共42条 |
| 标题: Rh(III)-Catalyzed Cascade Oxidative Olefination/Cyclization of Picolinamides and Alkenes via C-H Activation |
| 作者: Cai, SG (Cai, Shangun); Chen, C (Chen, Chao); Shao, P (Shao, Peng); Xi, CJ (Xi, Chanjuan) |
| 来源出版物: ORGANIC LETTERS  卷: 16  期: 11  页: 3142-3145  DOI: 10.1021/ol501275r  出版年: JUN 6 2014 |

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| 第 22 条，共42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 23 条，共42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 24 条，共42条 |
| 标题: Palladium-Catalyzed [2+2+1] Oxidative Annulation of 4-Hydroxycoumarins with Unactivated Internal Alkynes: Access to Spiro Cyclopentadiene-Chroman-2,4-dione Complexes |
| 作者: Peng, SY (Peng, Shiyong); Gao, T (Gao, Tao); Sun, SF (Sun, Shaofa); Peng, YH (Peng, Yanhong); Wu, MH (Wu, Minghu); Guo, HB (Guo, Haibing); Wang, J (Wang, Jian) |
| 来源出版物: ADVANCED SYNTHESIS & CATALYSIS  卷: 356  期: 2-3  页: 319-324  DOI: 10.1002/adsc.201300893  出版年: FEB 10 2014 |

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| 第 25 条，共42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 26 条，共42条 |
| 标题: Cyclometalated [Cp\*M(C boolean AND X)] (M = Ir, Rh; X = N, C, O, P) complexes |
| 作者: Han, YF (Han, Ying-Feng); Jin, GX (Jin, Guo-Xin) |
| 来源出版物: CHEMICAL SOCIETY REVIEWS  卷: 43  期: 8  页: 2799-2823  DOI: 10.1039/c3cs60343a  出版年: 2014 |

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| 第 27 条，共42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 28 条，共42条 |
| 标题: Isoquinoline N-Oxide Synthesis under Pd-Catalysed C-H Activation/Annulation Processes |
| 作者: Li, BY (Li, Bingyao); Jiao, PX (Jiao, Pingxuan); Zhong, HB (Zhong, Hongban); Huang, JH (Huang, Jianhui) |
| 来源出版物: SYNLETT  卷: 24  期: 18  页: 2431-2436  DOI: 10.1055/s-0033-1339671  出版年: NOV 12 2013 |

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| 第 29条，共42条 |
| 标题: Rhodium(III)-catalyzed vinylic sp(2) C-H bond functionalization: efficient synthesis of pyrido[1,2-alpha]benzimidazoles and imidazo[1,2-alpha]pyridines |
| 作者: Dong, L (Dong, Lin); Huang, JR (Huang, Ji-Rong); Qu, CH (Qu, Chuan-Hua); Zhang, QR (Zhang, Qian-Ru); Zhang, W (Zhang, Wei); Han, B (Han, Bo); Peng, C (Peng, Cheng) |
| 来源出版物: ORGANIC & BIOMOLECULAR CHEMISTRY  卷: 11  期: 36  页: 6142-6149  DOI: 10.1039/c3ob41177j  出版年: SEP 28 2013 |

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| 第 30 条，共42条 |
| 标题: Direct Access to Highly Substituted 1-Naphthols through Palladium-Catalyzed Oxidative Annulation of Benzoylacetates and Internal Alkynes |
| 作者: Peng, SY (Peng, Shiyong); Wang, L (Wang, Lei); Wang, J (Wang, Jian) |
| 来源出版物: CHEMISTRY-A EUROPEAN JOURNAL  卷: 19  期: 40  页: 13322-13327  DOI: 10.1002/chem.201302740  出版年: SEP 27 2013 |

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| 第 31 条，共42条 |
| 标题: Efficient Synthesis of Hydroxyl Isoindolones by a Pd-Mediated C-H Activation/Annulation Reaction |
| 作者: Yu, QZ (Yu, Qingzhen); Zhang, NN (Zhang, Nana); Huang, JH (Huang, Jianhui); Lu, SN (Lu, Shaonan); Zhu, Y (Zhu, Yi); Yu, XX (Yu, Xiaoxiao); Zhao, K (Zhao, Kang) |
| 来源出版物: CHEMISTRY-A EUROPEAN JOURNAL  卷: 19  期: 34  页: 11184-11188  DOI: 10.1002/chem.201302031  出版年: AUG 19 2013 |

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| 第 32 条，共42条 |
| 标题: A practical one-pot procedure for the synthesis of N-H isoquinolones |
| 作者: Lu, SN (Lu, Shaonan); Lin, YF (Lin, Yingfu); Zhong, HB (Zhong, Hongban); Zhao, K (Zhao, Kang); Huang, JH (Huang, Jianhui) |
| 来源出版物: TETRAHEDRON LETTERS  卷: 54  期: 15  页: 2001-2005  DOI: 10.1016/j.tetlet.2013.02.003  出版年: APR 10 2013 |

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| 第 33 条，共42条 |
| 标题: Re/Mg Bimetallic Tandem Catalysis for [4+2] Annulation of Benzamides and Alkynes via C-H/N-H Functionalization |
| 作者: Tang, QZ (Tang, Qiuzheng); Xia, DX (Xia, Dexin); Jin, XQ (Jin, Xiqing); Zhang, Q (Zhang, Qing); Sun, XQ (Sun, Xiao-Qiang); Wang, CY (Wang, Congyang) |
| 来源出版物: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY  卷: 135  期: 12  页: 4628-4631  DOI: 10.1021/ja400020e  出版年: MAR 27 2013 |

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| 第34 条，共42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42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 36 条，共42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 37 条，共42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 38 条，共42条 |
| 标题: Synthesis of N-alkyl and N-aryl isoquinolones and derivatives via Pd-catalysed C-H activation and cyclization reactions |
| 作者: Zhang, NN (Zhang, Nana); Li, BY (Li, Binyao); Zhong, HB (Zhong, Hongban); Huang, JH (Huang, Jianhui) |
| 来源出版物: ORGANIC & BIOMOLECULAR CHEMISTRY  卷: 10  期: 47  页: 9429-9439  DOI: 10.1039/c2ob26668g  出版年: 2012 |

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| 第 39 条，共42条 |
| 标题: Pd-catalysed synthesis of isoquinolinones and analogues via C-H and N-H bonds double activation |
| 作者: Zhong, HB (Zhong, Hongban); Yang, D (Yang, Dan); Wang, SQ (Wang, Songqing); Huang, JH (Huang, Jianhui) |
| 来源出版物: CHEMICAL COMMUNICATIONS  卷: 48  期: 26  页: 3236-3238  DOI: 10.1039/c2cc17859a  出版年: 2012 |

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| 第 40 条，共42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 41 条，共42条 |
| 标题: Carbonylative formation of N-acetyl-2,6-difluorobenzamide through N-H bond activation of 2,6-difluorobenzamide with Ni(II) complex supported with phosphine ligands |
| 作者: Wang, CG (Wang, Chenggen); Sun, HJ (Sun, Hongjian); Hu, QP (Hu, Qingping); Li, XY (Li, Xiaoyan) |
| 来源出版物: JOURNAL OF ORGANOMETALLIC CHEMISTRY  卷: 696  期: 15-16  页: 2815-2819  DOI: 10.1016/j.jorganchem.2011.04.035  出版年: AUG 1 2011 |

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| 第 42条， ，共42条 |
| 作者: Chen Di; Chen Dingben; Yang Jianguo |
| 标题: Direct C-H amination for indole synthesis from N-Ts-2-Styrylaniline derivatives catalyzed by copper salt |
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| 来源出版物: 中国化学快报  卷: 26    期: 8    页: 969-972    出版年: 2015 |