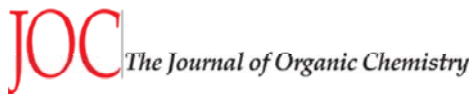




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Hugo E. Gottlieb, Vadim Kotlyar, and Abraham Nudelman
 1997, 62 (21), pp 7512-7515
 Publication Date (Web): October 17, 1997 (Note)
 DOI: 10.1021/jo971176v

Section:

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Developing Ligands for Palladium(II)-Catalyzed C–H Functionalization: Intimate Dialogue between Ligand and Substrate

Kearny M. Engle and Jin-Quan Yu
 2013, 78 (18), pp 8927-8955
 Publication Date (Web): April 8, 2013 (Perspective)
 DOI: 10.1021/jo400159y

Section:

General Organic Chemistry

Toward a Synthesis of Hirsutellone B by the Concept of Double Cyclization

Keith P. Reber, S. David Tilley, Cheryl A. Carson, and Erik J. Sorensen
 2013, 78 (19), pp 9584-9607
 Publication Date (Web): September 13, 2013 (Featured Article)
 DOI: 10.1021/jo401799f

Section:

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Scope and Limitations of Auxiliary-Assisted, Palladium-Catalyzed Arylation and Alkylation of sp² and sp³ C–H Bonds

Enrico T. Nardes, Gerson Ivan Franco Santos, Dmitry Shabashov, and Olafs Daugulis
 2013, 78 (19), pp 9689-9714
 Publication Date (Web): September 19, 2013 (Article)
 DOI: 10.1021/jo4013628

Section:

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Total Synthesis and Biological Evaluation of an Antifungal Tricyclic *o*-Hydroxy-*p*-Quinone Methide Diterpenoid

Jinhua Huang, Dylan Foyle, Xiaorong Lin, and Jiong Yang
 2013, 78 (18), pp 9166-9173
 Publication Date (Web): August 19, 2013 (Article)
 DOI: 10.1021/jo4013964

Section:

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Iron/Tetramethylethylenediamine-Catalyzed Ambient-Temperature Coupling of Alkyl Grignard Reagents and Aryl Chlorides

Philp J. Rushworth, David G. Hulcoop, and David J. Fox
 2013, 78 (18), pp 9517-9521
 Publication Date (Web): August 29, 2013 (Note)
 DOI: 10.1021/jo4016612

Section:

General Organic Chemistry

Palladium-Catalyzed Direct *ortho* Alkoxylation of Aromatic Azo Compounds with Alcohols

Zhangwei Yin, Xiaoqing Jiang, and Peipei Sun
 2013, 78 (19), pp 10002-10007
 Publication Date (Web): September 5, 2013 (Note)
 DOI: 10.1021/jo401623j

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Anton Lishchynskiy, Maxim A. Novikov, Eddy Martin, Eduardo C. Escudero-Adán, Petr Novák, and Vladimir V. Grushin
 Articles ASAP (As Soon As Publishable)
 Publication Date (Web): August 21, 2013 (Featured Article)
 DOI: 10.1021/jo401423h

Copper-Mediated Direct C2-Cyanation of Indoles Using Acetonitrile as the Cyanide Source

Changduo Pan, Hongming Jin, Pan Xu, Xu Liu, Yixiang Cheng, and Chengjian Zhu
 2013, 78 (18), pp 9494-9498
 Publication Date (Web): August 19, 2013 (Note)
 DOI: 10.1021/jo4014904

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Gold-Catalyzed Cyclization of 3-(2'-Azidoaryl)-1-arylpropargyl Carbonates or 3-Aryl-1-(2'-azidoaryl)propargyl Carbonates to Produce Quinolines

Shugao Zhu, Luling Wu, and Xian Huang
 2013, 78 (18), pp 9120-9126
 Publication Date (Web): August 22, 2013 (Article)
 DOI: 10.1021/jo401324k

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José G. Napolitano, David C. Lankin, James B. McAlpine, Matthias Niemitz, Samuli-Petrus Korhonen, Shao-Nong Chen, and Guido F. Pauli
 2013, 78 (19), pp 9963-9968
 Publication Date (Web): September 6, 2013 (Note)
 DOI: 10.1021/jo4011624

Section:

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Cyclohexanones by Rh-Mediated Intramolecular C–H Insertion

Douglas F. Taber, Craig M. Paquette, Peiming Gu, and Weiwei Tian
 2013, 78 (19), pp 9772-9780
 Publication Date (Web): August 29, 2013 (Article)
 DOI: 10.1021/jo4014996

Section:

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Diastereoselective Synthesis of Bridged Polycyclic Alkaloids via Tandem Acylation/Intramolecular Diels–Alder Reaction

Chih-Hau Chen, Gorakh S. Yellol, Cheng-Hsun Tsai, Prashant B. Dalvi, and Chung-Ming Sun
 2013, 78 (19), pp 9738-9747
 Publication Date (Web): September 5, 2013 (Article)
 DOI: 10.1021/jo401364s

Section:

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Low-Temperature Rh-Catalyzed Asymmetric 1,4-Addition of Arylboronic Acids to α,β -Unsaturated Carbonyl Compounds

Toshinobu Korenaga, Aram Ko, and Kazuaki Shimada
 2013, 78 (19), pp 9975-9980
 Publication Date (Web): August 29, 2013 (Note)
 DOI: 10.1021/jo4014707

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Rsuini U. Gutiérrez, Hans C. Correa, Rafael Bautista, José Luis Vargas, Alberto V. Jerezano, Francisco Delgado, and Joaquin Tamariz
2013, 78 (19), pp 9614-9626

Publication Date (Web): September 17, 2013 (Article)
DOI: 10.1021/jo400973g

Section:

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Bin Li, Jianfeng Ma, Weijia Xie, Haibin Song, Shansheng Xu, and Baiquan Wang
2013, 78 (18), pp 9345-9353

Publication Date (Web): August 28, 2013 (Article)
DOI: 10.1021/jo401579m

Section:

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Long-Wavelength, Photostable, Two-Photon Excitable BODIPY Fluorophores Readily Modifiable for Molecular Probes

Xinfu Zhang, Yi Xiao, Jing Qi, Junle Qu, Bosung Kim, Xiling Yue, and Kevin D. Belfield
2013, 78 (18), pp 9153-9160

Publication Date (Web): August 28, 2013 (Article)
DOI: 10.1021/jo401379g

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Biochemical Methods

Copper-Catalyzed Methyl Esterification Reactions via C–C Bond Cleavage

Yan Zhu, Hong Yan, Linhua Lu, Defu Liu, Guangwei Rong, and Jincheng Mao
2013, 78 (19), pp 9898-9905

Publication Date (Web): September 2, 2013 (Article)
DOI: 10.1021/jo4016387

Section:

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Cross-Coupling Reactions Involving Metal Carbene: From C=C/C–C Bond Formation to C–H Bond Functionalization

Zhenxing Liu and Jianbo Wang
2013, 78 (20), pp 10024-10030

Publication Date (Web): September 13, 2013 (JOCSynopsis)
DOI: 10.1021/jo401850q

Section:

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Biomimetic Total Syntheses of Borreverine and Flinderole Alkaloids

Dattatraya H. Dethe, Rohan D. Erande, and Alok Ranjan
2013, 78 (20), pp 10106-10120

Publication Date (Web): September 17, 2013 (Article)
DOI: 10.1021/jo4013833

Section:

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