

November 20, 2013
Volume 135, Issue 46
Pages 17237-17652
Order Print Issue

Spotlights

Spotlights on Recent JACS Publications

ACS Contributing Correspondents
pp 17237–17237
Publication Date (Web): November 20, 2013 (Spotlights)
DOI: 10.1021/ja411538z

Communications

Tunable, Chemoselective Amination via Silver Catalysis

Jared W. Rigoli, Cale D. Weatherly, Juliet M. Alderson, Brian T. Vo, and Jennifer M. Schomaker
pp 17238–17241

Publication Date (Web): November 4, 2013 (Communication)

DOI: 10.1021/ja406654y



Section:

Heterocyclic Compounds (More than One Hetero Atom)

Efficient Noble Metal-Free (Electro)Catalysis of Water and Alcohol Oxidations by Zinc–Cobalt Layered Double Hydroxide

Xiaoxin Zou, Anandarup Goswami, and Tewodros Asefa
pp 17242–17245

Publication Date (Web): October 11, 2013 (Communication)

DOI: 10.1021/ja407174u



Section:

Electrochemistry

Photoelectrochemical Behavior of n-Type Si(111) Electrodes Coated With a Single Layer of Graphene

Adam C. Nielander, Matthew J. Bierman, Nicholas Petrone, Nicholas C. Strandwitz, Shane Ardo, Fan Yang, James Hone, and Nathan S. Lewis
pp 17246–17249

Publication Date (Web): October 14, 2013 (Communication)

DOI: 10.1021/ja407462g



Section:

Electrochemistry

A Dark-Field Scattering Spectroelectrochemical Technique for Tracking the Electrodeposition of Single Silver Nanoparticles

Caleb M. Hill and Shanlin Pan

pp 17250–17253

Publication Date (Web): October 31, 2013 (Communication)

DOI: 10.1021/ja4075387



Section:

Electrochemistry

pH Responsive Janus-like Supramolecular Fusion Proteins for Functional Protein Delivery

Seah Ling Kuan, David Y. W. Ng, Yuzhou Wu, Christina Förtsch, Holger Barth, Mikheil Doroshenko, Kaloian Koynov, Christoph Meier, and Tanja Weil

pp 17254–17257

Publication Date (Web): October 25, 2013 (Communication)

DOI: 10.1021/ja4084122



Section:

Pharmaceuticals

Base Metal Catalysts for Photochemical C–H Borylation That Utilize Metal–Metal Cooperativity

Thomas J. Mazzacano and Neal P. Mankad

pp 17258–17261

Publication Date (Web): September 27, 2013 (Communication)

DOI: 10.1021/ja408861p



Section:

Organometallic and Organometalloidal Compounds

Electron Transfer from Hexameric Copper Hydrides

Michael S. Eberhart, Jack R. Norton, Ashley Zuzek, Wesley Sattler, and Serge Ruccolo

pp 17262–17265

Publication Date (Web): October 30, 2013 (Communication)

DOI: 10.1021/ja408925m



Section:

Catalysis, Reaction Kinetics, and Inorganic Reaction Mechanisms

Vicinal Bisheterocyclizations of Alkynes via Nucleophilic Interception of a Catalytic Platinum Carbene

Paul A. Allegretti and Eric M. Ferreira

pp 17266–17269

Publication Date (Web): October 31, 2013 (Communication)

DOI: 10.1021/ja408957a



Section:

Heterocyclic Compounds (One Hetero Atom)

Methoxy-Directed Aryl-to-Aryl 1,3-Rhodium Migration

Jing Zhang, Jun-Feng Liu, Angel Ugrinov, Anthony F. X. Pillai, Zhong-Ming Sun, and Pinjing Zhao

pp 17270–17273

Publication Date (Web): October 30, 2013 (Communication)

DOI: 10.1021/ja409049t



Section:

Calculations on Tunneling in the Reactions of Noradamantyl Carbenes

Sebastian Kozuch, Xue Zhang, David A. Hrovat, and Weston Thatcher Borden

pp 17274–17277

Publication Date (Web): November 11, 2013 (Communication)

DOI: 10.1021/ja409176u



Section:

Physical Organic Chemistry

Different Rates of Singlet Fission in Monoclinic versus Orthorhombic Crystal Forms of Diphenylhexatriene

Robert J. Dillon, Geoffrey B. Piland, and Christopher J. Bardeen

pp 17278–17281

Publication Date (Web): October 30, 2013 (Communication)

DOI: 10.1021/ja409266s



Section:

Physical Organic Chemistry

C(sp³)-H Bond Hydroxylation Catalyzed by Myoglobin Reconstituted with Manganese Porphycene

Koji Oohora, Yushi Kihira, Eiichi Mizohata, Tsuyoshi Inoue, and Takashi Hayashi

pp 17282–17285

Publication Date (Web): November 5, 2013 (Communication)

DOI: 10.1021/ja409404k



Section:

Enzymes

Electron-Deficient Triarylborane Block Copolymers: Synthesis by Controlled Free Radical Polymerization and Application in the Detection of Fluoride Ions

Fei Cheng, Edward M. Bonder, and Frieder Jäkle

pp 17286–17289

Publication Date (Web): November 5, 2013 (Communication)

DOI: 10.1021/ja409525j



Section:

Chemistry of Synthetic High Polymers

Seeing through Bone with Surface-Enhanced Spatially Offset Raman Spectroscopy

Bhavya Sharma, Ke Ma, Matthew R. Glucksberg, and Richard P. Van Duyne

pp 17290–17293

Publication Date (Web): November 7, 2013 (Communication)

DOI: 10.1021/ja409378f



Section:

Biochemical Methods

Lipid Directed Intrinsic Membrane Protein Segregation

Jesper S. Hansen, James R. Thompson, Claus Hélix-Nielsen, and Noah Malmstadt

pp 17294–17297

Publication Date (Web): November 1, 2013 (Communication)

DOI: 10.1021/ja409708e



Section:

Biochemical Methods

Enantio-, Diastereo-, and Regioselective Iridium-Catalyzed Asymmetric Allylic Alkylation of Acyclic β -Ketoesters

Wen-Bo Liu, Corey M. Reeves, and Brian M. Stoltz

pp 17298–17301

Publication Date (Web): October 28, 2013 (Communication)

DOI: 10.1021/ja4097829



Section:

General Organic Chemistry

Copper-Catalyzed gem-Difluoroolefination of Diazo Compounds with TMSCF_3 via C–F Bond Cleavage

Mingyou Hu, Zhengbiao He, Bing Gao, Lingchun Li, Chuanfa Ni, and Jinbo Hu

pp 17302–17305

Publication Date (Web): October 30, 2013 (Communication)

DOI: 10.1021/ja409941r



Section:

Benzene, Its Derivatives, and Condensed Benzenoid Compounds

Ru^{II} -Catalyzed Vinylative Dearomatization of Naphthols via a $\text{C}(\text{sp}^2)\text{--H}$ Bond Activation Approach

Jiang Nan, Zhijun Zuo, Lei Luo, Lu Bai, Huayu Zheng, Yini Yuan, Jingjing Liu, Xinjun Luan, and Yaoyu Wang

pp 17306–17309

Publication Date (Web): November 6, 2013 (Communication)

DOI: 10.1021/ja410060e



Section:

Benzene, Its Derivatives, and Condensed Benzenoid Compounds

An Azine-Linked Covalent Organic Framework

Sasanka Dalapati, Shangbin Jin, Jia Gao, Yanhong Xu, Atsushi Nagai, and Donglin Jiang

pp 17310–17313

Publication Date (Web): November 1, 2013 (Communication)

DOI: 10.1021/ja4103293



Section:

Physical Organic Chemistry

Articles

Acylgermanes: Photoinitiators and Sources for Ge-Centered Radicals. Insights into their Reactivity

Dmytro Neshchadin, Arnulf Rosspeintner, Markus Griesser, Bernhard Lang, Sandra Mosquera-Vazquez, Eric Vauthey, Vitaly Gorelik, Robert Liska, Christian Hametner, Beate Ganster, Robert Saf, Norbert Moszner, and Georg Gescheidt

pp 17314–17321

Publication Date (Web): October 15, 2013 (Article)

DOI: 10.1021/ja404433u



Section:

Radiation Chemistry, Photochemistry, and Photographic and Other Reprographic Processes

Conditional Dicer Substrate Formation via Shape and Sequence Transduction with Small Conditional RNAs

Lisa M. Hochrein, Maayan Schwarzkopf, Mona Shahgholi, Peng Yin, and Niles A. Pierce

pp 17322–17330

Publication Date (Web): November 12, 2013 (Article)

DOI: 10.1021/ja404676x



Section:

Biochemical Genetics

Atomic Structure and Special Reactivity Toward Methanol Oxidation of Vanadia Nanoclusters on TiO₂(110)

Luca Artiglia, Stefano Agnoli, Andrea Vittadini, Alberto Verdini, Albano Cossaro, Luca Floreano, and Gaetano Granozzi

pp 17331–17338

Publication Date (Web): October 25, 2013 (Article)

DOI: 10.1021/ja404889v



Section:

Physical Organic Chemistry

Counting the Number of Magnesium Ions Bound to the Surface-Immobilized Thymine Oligonucleotides That Comprise Spherical Nucleic Acids

Stephanie R. Walter, Kaylie L. Young, Joseph G. Holland, Richard L. Gieseck, Chad A. Mirkin, and Franz M. Geiger

pp 17339–17348

Publication Date (Web): October 24, 2013 (Article)

DOI: 10.1021/ja406551k



Section:

General Biochemistry

Modular Mesoionics: Understanding and Controlling Regioselectivity in 1,3-Dipolar Cycloadditions of Münchnone Derivatives

Marie S. T. Morin, Daniel J. St-Cyr, Bruce A. Arndtsen, Elizabeth H. Krenske, and K. N. Houk

pp 17349–17358

Publication Date (Web): October 17, 2013 (Article)

DOI: 10.1021/ja406833q



Section:

Physical Organic Chemistry

Revealing the Binding Structure of the Protein Corona on Gold Nanorods Using Synchrotron Radiation-Based Techniques: Understanding the Reduced Damage in Cell Membranes

Liming Wang, Jingyuan Li, Jun Pan, Xiumei Jiang, Yinglu Ji, Yufeng Li, Ying Qu, Yuliang Zhao, Xiaochun Wu, and Chunying Chen

pp 17359–17368

Publication Date (Web): November 12, 2013 (Article)

DOI: 10.1021/ja406924v



Section:

Toxicology

New Roles for Icosahedral Clusters in Intermetallic Phases: Micelle-like Segregation of Ca–Cd and Cu–Cd Interactions in $\text{Ca}_{10}\text{Cd}_{27}\text{Cu}_2$

Amelia B. Hadler, Nicholas A. Harris, and Daniel C. Fredrickson

pp 17369–17378

Publication Date (Web): October 22, 2013 (Article)

DOI: 10.1021/ja407291t



Section:

Crystallography and Liquid Crystals

Is Dipole Moment a Valid Descriptor of Excited State's Charge-Transfer Character?

Piotr Petelenz and Barbara Pac

pp 17379–17386

Publication Date (Web): October 18, 2013 (Article)

DOI: 10.1021/ja407379h



Section:

Radiation Chemistry, Photochemistry, and Photographic and Other Reprographic Processes

Enhancement of SERS Background through Charge Transfer Resonances on Single Crystal Gold Surfaces of Various Orientations

Katsuyoshi Ikeda, Shuto Suzuki, and Kohei Uosaki

pp 17387–17392

Publication Date (Web): October 25, 2013 (Article)

DOI: 10.1021/ja407459t



Section:

Optical, Electron, and Mass Spectroscopy and Other Related Properties

Tandem Isomerization/Hydroformylation/Hydrogenation of Internal Alkenes to n-Alcohols Using Rh/Ru Dual- or Ternary-Catalyst Systems

Yamato Yuki, Kohei Takahashi, Yoshiyuki Tanaka, and Kyoko Nozaki

pp 17393–17400

Publication Date (Web): November 5, 2013 (Article)

DOI: 10.1021/ja407523j



Section:

Aliphatic Compounds

From 1D Chain to 3D Network: A New Family of Inorganic–Organic Hybrid Semiconductors $\text{MO}_3(\text{L})_x$ ($M = \text{Mo}, \text{W}$; $L = \text{Organic Linker}$) Built on Perovskite-like Structure Modules

Xiao Zhang, Mehdi Hejazi, Suraj J. Thiagarajan, William R. Woerner, Debasis Banerjee, Thomas J. Emge, Wenqian Xu, Simon J. Teat, Qihan Gong, Ahmad Safari, Ronggui Yang, John B. Parise, and Jing Li

pp 17401–17407

Publication Date (Web): October 23, 2013 (Article)

DOI: 10.1021/ja4077556



Section:

Electric Phenomena

Synthetic Remodeling of the Chartreusin Pathway to Tune Antiproliferative and Antibacterial Activities

Nico Ueberschaar, Zhongli Xu, Kirstin Scherlach, Mikko Metsä-Ketelä, Tom Bretschneider, Hans-Martin Dahse, Helmar Görls, and Christian Hertweck

pp 17408–17416

Publication Date (Web): October 21, 2013 (Article)

DOI: 10.1021/ja4080024



Section:

Carbohydrates

L-Edge X-ray Absorption Spectroscopy and DFT Calculations on Cu₂O₂ Species: Direct Electrophilic Aromatic Attack by Side-on Peroxo Bridged Dicopper(II) Complexes

Munzarin F. Qayyum, Ritimukta Sarangi, Kiyoshi Fujisawa, T. Daniel P. Stack, Kenneth D. Karlin, Keith O. Hodgson, Britt Hedman, and Edward I. Solomon

pp 17417–17431

Publication Date (Web): October 8, 2013 (Article)

DOI: 10.1021/ja4078717



Section:

Enzymes

Substrate Distortion Contributes to the Catalysis of Orotidine 5'-Monophosphate Decarboxylase

Masahiro Fujihashi, Toyokazu Ishida, Shingo Kuroda, Lakshmi P. Kotra, Emil F. Pai, and Kunio Miki

pp 17432–17443

Publication Date (Web): October 23, 2013 (Article)

DOI: 10.1021/ja408197k



Section:

Enzymes

Remarkable Behavior of a Bifunctional Alkynylborane Zirconocene Complex toward Donor Ligands and Acetylenes

Santhosh Kumar Podiyanachari, Gerald Kehr, Christian Mück-Lichtenfeld, Constantin G. Daniliuc, and Gerhard Erker

pp 17444–17456

Publication Date (Web): October 15, 2013 (Article)

DOI: 10.1021/ja408385h



Section:

Organometallic and Organometalloidal Compounds

Redox-Induced Ion Pairing of Anionic Surfactants with Ferrocene-Terminated Self-Assembled Monolayers: Faradaic Electrochemistry and Surfactant Aggregation at the Monolayer/Liquid Interface

Eric R. Dionne, Tania Sultana, Lana L. Norman, Violeta Toader, and Antonella Badia

pp 17457–17468

Publication Date (Web): October 16, 2013 (Article)

DOI: 10.1021/ja408512q



Section:

Electrochemistry

Fluorescence Discrimination of Cancer from Inflammation by Molecular Response to COX-2 Enzymes

Hua Zhang, Jiangli Fan, Jingyun Wang, Bairui Dou, Fan Zhou, Jianfang Cao, Junle Qu, Zhi Cao, Weijie Zhao, and Xiaojun Peng

pp 17469–17475

Publication Date (Web): October 22, 2013 (Article)

DOI: 10.1021/ja4085308



Section:

Biochemical Methods

Toroidal Structure and DNA Cleavage by the CRISPR-Associated [4Fe-4S] Cluster Containing Cas4 Nuclease SS00001 from Sulfolobus solfataricus

Sofia Lemak, Natalia Beloglazova, Boguslaw Nocek, Tatiana Skarina, Robert Flick, Greg Brown, Ana Popovic, Andrzej Joachimiak, Alexei Savchenko, and Alexander F. Yakunin

pp 17476–17487

Publication Date (Web): October 30, 2013 (Article)

DOI: 10.1021/ja408729b



Section:

Enzymes

Selective Chromium(VI) Ligands Identified Using Combinatorial Peptoid Libraries

Abigail S. Knight, Effie Y. Zhou, Jeffrey G. Pelton, and Matthew B. Francis

pp 17488–17493

Publication Date (Web): November 6, 2013 (Article)

DOI: 10.1021/ja408788t



Section:

Water

Visible Light-Promoted Metal-Free C–H Activation: Diarylketone-Catalyzed Selective Benzylic Mono- and Difluorination

Ji-Bao Xia, Chen Zhu, and Chuo Chen

pp 17494–17500

Publication Date (Web): November 3, 2013 (Article)

DOI: 10.1021/ja410815u



Section:

Aliphatic Compounds

De Novo Determination of the Crystal Structure of a Large Drug Molecule by Crystal Structure Prediction-Based Powder NMR Crystallography

Maria Baías, Jean-Nicolas Dumez, Per H. Svensson, Staffan Schantz, Graeme M. Day, and Lyndon Emsley

pp 17501–17507

Publication Date (Web): October 29, 2013 (Article)

DOI: 10.1021/ja4088874

 Section:
Pharmaceuticals

Ligand-Accelerated ortho-C–H Alkylation of Arylcarboxylic Acids using Alkyl Boron Reagents

Peter S. Thuy-Boun, Giorgio Villa, Devin Dang, Paul Richardson, Shun Su, and Jin-Quan Yu
pp 17508–17513

Publication Date (Web): October 14, 2013 (Article)

DOI: 10.1021/ja409014v

 Section:

Benzene, Its Derivatives, and Condensed Benzenoid Compounds

[Cp₂TiCH₂CHMe(SiMe₃)]⁺, an Alkyl–Titanium Complex Which (a) Exists in Equilibrium between a β-Agostic and a Lower Energy γ-Agostic Isomer and (b) Undergoes Hydrogen Atom Exchange between α-, β-, and γ-Sites via a Combination of Conventional β-Hydrogen Elimination–Reinsertion and a Nonconventional CH Bond Activation Process Which Involves Proton Tunnelling

Alexandre F. Dunlop-Brière and Michael C. Baird , Peter H. M. Budzelaar
pp 17514–17527

Publication Date (Web): October 22, 2013 (Article)

DOI: 10.1021/ja4092775

 Section:

Organometallic and Organometalloidal Compounds

Dynamics of Excess Electronic Charge in Aliphatic Ionic Liquids Containing the Bis(trifluoromethylsulfonyl)amide Anion

Changhui Xu, Aleksander Durumeric, Hemant K. Kashyap, Jorge Kohanoff, and Claudio J. Margulis
pp 17528–17536

Publication Date (Web): October 24, 2013 (Article)

DOI: 10.1021/ja409338z

 Section:

Physical Organic Chemistry

Experimental Analysis of the Catalytic Cycle of the Borane-Promoted Imine Reduction with Hydrosilanes: Spectroscopic Detection of Unexpected Intermediates and a Refined Mechanism

Julia Hermeke, Marius Mewald, and Martin Oestreich
pp 17537–17546

Publication Date (Web): November 1, 2013 (Article)

DOI: 10.1021/ja409344w

 Section:

Organometallic and Organometalloidal Compounds

Universal Binding Behavior for Ionic Alkyl Surfactants with Oppositely Charged Polyelectrolytes

Dongcui Li and Norman J. Wagner
pp 17547–17555

Publication Date (Web): October 25, 2013 (Article)

DOI: 10.1021/ja408587u



Section:

Surface Chemistry and Colloids

Synthesis, Characterization and Reactivity of Group 4 Metallocene Bis(diphenylphosphino)acetylene Complexes—A Reactivity and Bonding Study

Martin Haehnel, Sven Hansen, Kathleen Schubert, Perdita Arndt, Anke Spannenberg, Haijun Jiao, and Uwe Rosenthal

pp 17556–17565

Publication Date (Web): October 24, 2013 (Article)

DOI: 10.1021/ja409320k



Section:

Organometallic and Organometalloidal Compounds

Toward Organometallic ^{99m}Tc Imaging Agents: Synthesis of Water-Stable ⁹⁹Tc–NHC Complexes

Michael Benz, Bernhard Spingler, Roger Alberto, and Henrik Braband

pp 17566–17572

Publication Date (Web): October 24, 2013 (Article)

DOI: 10.1021/ja409499u



Section:

Organometallic and Organometalloidal Compounds

Geometric and Electronic Structure of the Mn(IV)Fe(III) Cofactor in Class Ic Ribonucleotide Reductase: Correlation to the Class Ia Binuclear Non-Heme Iron Enzyme

Yeonju Kwak, Wei Jiang, Laura M. K. Dassama, Kiyoun Park, Caleb B. Bell, III, Lei V. Liu, Shaun D. Wong, Makina Saito, Yasuhiro Kobayashi, Shinji Kitao, Makoto Seto, Yoshitaka Yoda, E. Ercan Alp, Jiyong Zhao, J. Martin Bollinger, Jr., Carsten Krebs, and Edward I. Solomon

pp 17573–17584

Publication Date (Web): October 16, 2013 (Article)

DOI: 10.1021/ja409510d



Section:

Enzymes

Computation and Experiment Reveal That the Ring-Rearrangement Metathesis of Himbert Cycloadducts Can Be Subject to Kinetic or Thermodynamic Control

Jonathan K. Lam, Hung V. Pham, K. N. Houk, and Christopher D. Vanderwal

pp 17585–17594

Publication Date (Web): October 10, 2013 (Article)

DOI: 10.1021/ja409618p



Section:

Physical Organic Chemistry

Surface-Induced Alkene Oligomerization: Does Thermal Hydrosilylation Really Lead to Monolayer Protected Silicon Nanocrystals?

Zhenyu Yang, Muhammad Iqbal, Alexander R. Dobbie, and Jonathan G. C. Veinot

pp 17595–17601

Publication Date (Web): October 28, 2013 (Article)

DOI: 10.1021/ja409657y



Section:

Physical Organic Chemistry

Raising the pK_a Limit of “Soft” Nucleophiles in Palladium-Catalyzed Allylic Substitutions: Application of Diarylmethane Pronucleophiles

Sheng-Chun Sha, Jiadi Zhang, Patrick J. Carroll, and Patrick J. Walsh

pp 17602–17609

Publication Date (Web): October 23, 2013 (Article)

DOI: 10.1021/ja409511n



Section:

Physical Organic Chemistry

Direct Arylations for Study of the Air-Stable P-Heterocyclic Biradical: From Wide Electronic Tuning to Characterization of the Localized Radicalic Electrons

Shigekazu Ito, Yasuhiro Ueta, Trang Thi Thu Ngo, Makoto Kobayashi, Daisuke Hashizume, Jun-ichi Nishida, Yoshiro Yamashita, and Koichi Mikami

pp 17610–17616

Publication Date (Web): October 16, 2013 (Article)

DOI: 10.1021/ja409625x



Section:

Organometallic and Organometalloidal Compounds

Polyprodrug Amphiphiles: Hierarchical Assemblies for Shape-Regulated Cellular Internalization, Trafficking, and Drug Delivery

Xianglong Hu, Jinming Hu, Jie Tian, Zhishen Ge, Guoying Zhang, Kaifu Luo, and Shiyong Liu

pp 17617–17629

Publication Date (Web): October 25, 2013 (Article)

DOI: 10.1021/ja409686x



Section:

Pharmaceuticals

Copper Sulfide Nanocrystals with Tunable Composition by Reduction of Covellite Nanocrystals with Cu^+ Ions

Yi Xie, Andreas Riedinger, Mirko Prato, Alberto Casu, Alessandro Genovese, Pablo Guardia, Silvia Sottini, Claudio Sangregorio, Karol Misztal, Sandeep Ghosh, Teresa Pellegrino, and Liberato Manna

pp 17630–17637

Publication Date (Web): October 15, 2013 (Article)

DOI: 10.1021/ja409754v



Section:

Optical, Electron, and Mass Spectroscopy and Other Related Properties

Does Nature Click? Theoretical Prediction of an Enzyme-Catalyzed Transannular 1,3-Dipolar Cycloaddition in the Biosynthesis of Lycojaponicumins A and B

Elizabeth H. Krenske, Ashay Patel, and K. N. Houk

pp 17638–17642

Publication Date (Web): November 6, 2013 (Article)

DOI: 10.1021/ja409928z



Section:

Enzymes

Diels–Alder Reactions of Graphene: Computational Predictions of Products and Sites of Reaction

Yang Cao, Sílvia Osuna, Yong Liang, Robert C. Haddon, and K. N. Houk

pp 17643–17649

Publication Date (Web): October 25, 2013 (Article)

DOI: 10.1021/ja410225u



Section:

Physical Organic Chemistry

Additions and Corrections

Correction to “Enthalpic Signature of Methonium Desolvation Revealed in a Synthetic Host–Guest System Based on Cucurbit[7]uril”

Yi Wang, Jason R. King, Pan Wu, Daniel L. Pelzman, David N. Beratan, and Eric J. Toone

pp 17650–17650

Publication Date (Web): November 11, 2013 (Addition/Correction)

DOI: 10.1021/ja408346j



Section:

Physical Organic Chemistry

Retraction of “Bimetallic Effects for Enhanced Polar Comonomer Enchainment Selectivity in Catalytic Ethylene Polymerization”

Brandon A. Rodriguez, Massimiliano Delferro, and Tobin J. Marks

pp 17651–17651

Publication Date (Web): November 5, 2013 (Addition/Correction)

DOI: 10.1021/ja409590r

Correction to “Activation of Snap-Top Capped Mesoporous Silica Nanocontainers Using Two Near-Infrared Photons”

Tania M. Guardado-Alvarez, Lekshmi Sudha Devi, Melissa M. Russell, Benjamin J. Schwartz, and Jeffrey I. Zink

pp 17652–17652

Publication Date (Web): November 8, 2013 (Addition/Correction)

DOI: 10.1021/ja410105b



Section:

Pharmaceuticals