

COMMUNICATIONS

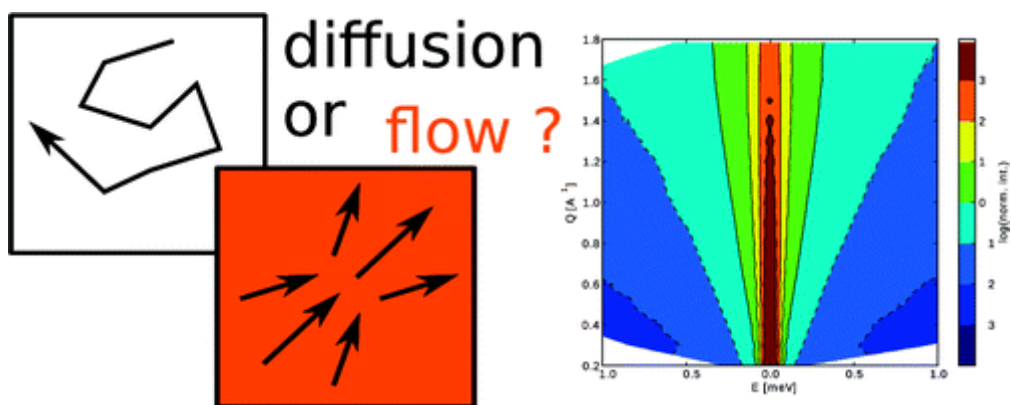
**Molecular Mechanism of Long-Range Diffusion in Phospholipid Membranes Studied by Quasielastic Neutron Scattering**

Sebastian Busch, Christoph Smuda, Luis Carlos Pardo and Tobias Unruh

pp 3232-3233

Publication Date (Web): February 17, 2010 (Communication)

DOI: 10.1021/ja907581s



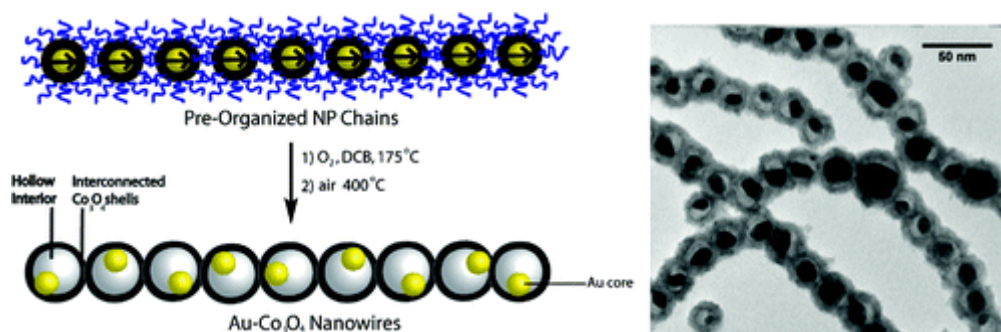
**Synthesis and Colloidal Polymerization of Ferromagnetic Au-Co Nanoparticles into Au-Co<sub>3</sub>O<sub>4</sub> Nanowires**

Bo Yun Kim, In-Bo Shim, Zeynep O. Araci, S. Scott Saavedra, Oliver L.A. Monti, Neal R. Armstrong, Rabindra Sahoo, Divesh N. Srivastava and Jeffrey Pyun

pp 3234-3235

Publication Date (Web): February 17, 2010 (Communication)

DOI: 10.1021/ja908481z



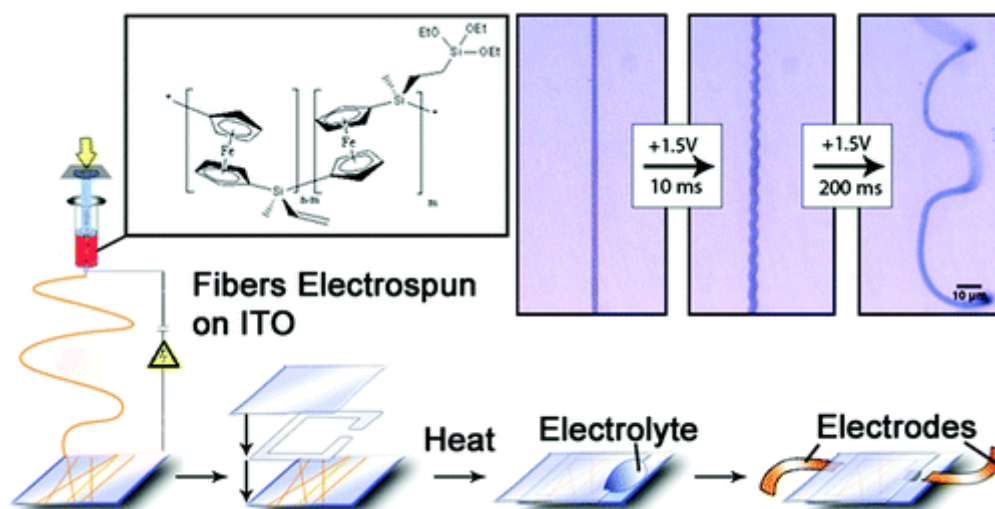
## Electroactuation of Alkoxysilane-Functionalized Polyferrocenylsilane Microfibers

Jeffrey J. McDowell, Nicole S. Zacharia, Danny Puzzo, Ian Manners and Geoffrey A. Ozin

pp 3236-3237

Publication Date (Web): February 24, 2010 (Communication)

DOI: 10.1021/ja9089236



## Small Molecule Colorimetric Probes for Specific Detection of Human Arylamine *N*-Acetyltransferase 1, a Potential Breast Cancer Biomarker

Nicola Laurieri, Matthew H. J. Crawford, Akane Kawamura, Isaac M. Westwood, James Robinson, Ai M. Fletcher, Stephen G. Davies, Edith Sim and Angela J. Russell

pp 3238-3239

Publication Date (Web): February 19, 2010 (Communication)

DOI: 10.1021/ja909165u

## Octafluorocalix[4]pyrrole: A Chloride/Bicarbonate Antiport Agent

Philip A. Gale, Christine C. Tong, Cally J. E. Haynes, Olubukunola Adeosun, Dustin E. Gross, Elizabeth Karnas, Elaine M. Sedenberg, Roberto Quesada and Jonathan L. Sessler

pp 3240-3241

Publication Date (Web): February 17, 2010 (Communication)

DOI: 10.1021/ja9092693

## Selective Assembly of a High Stability AAB Collagen Heterotrimer

Lesley E. Russell, Jorge A. Fallas and Jeffrey D. Hartgerink

pp 3242-3243

Publication Date (Web): January 8, 2010 (Communication)

DOI: 10.1021/ja909720g

## Catalytic Carbon–Carbon Bond-Forming Reactions of Aminoalkane Derivatives with Imines

Yi-Jing Chen, Kazutaka Seki, Yasuhiro Yamashita and Sh  $\square$  Kobayashi

pp 3244-3245

**Publication Date (Web):** February 18, 2010 (Communication)

**DOI:** 10.1021/ja909909q

### **Radical Cation of Helical, Cross-Conjugated $\beta$ -Oligothiophene**

Jerzy K. Zak, Makoto Miyasaka, Suchada Rajca, Mieczyslaw Lapkowski and Andrzej Rajca

pp 3246-3247

**Publication Date (Web):** February 19, 2010 (Communication)

**DOI:** 10.1021/ja910076n

### **Gold Nanoparticle Self-Similar Chain Structure Organized by DNA Origami**

Baoquan Ding, Zhengtao Deng, Hao Yan, Stefano Cabrini, Ronald N. Zuckermann and Jeffrey Bokor

pp 3248-3249

**Publication Date (Web):** February 17, 2010 (Communication)

**DOI:** 10.1021/ja9101198

### **Uranium–Nitrogen Multiple Bonding: Isostructural Anionic, Neutral, and Cationic Uranium Nitride Complexes Featuring a Linear $U=N=U$ Core**

Alexander R. Fox, Polly L. Arnold and Christopher C. Cummins

pp 3250-3251

**Publication Date (Web):** February 24, 2010 (Communication)

**DOI:** 10.1021/ja910364u

### **Tailoring the Pore Alignment for Rapid Ion Transport in Microporous Carbons**

Adam Kajdos, Alexander Kvit, Frank Jones, Jacek Jagiello and Gleb Yushin

pp 3252-3253

**Publication Date (Web):** February 19, 2010 (Communication)

**DOI:** 10.1021/ja910307x

### **DNA (6-4) Photolyases Reduce Dewar Isomers for Isomerization into (6-4) Lesions**

Andreas F. Glas, Emine Kaya, Sabine Schneider, Korbinian Heil, Danila Fazio, Melanie J. Maul and Thomas Carell

pp 3254-3255

**Publication Date (Web):** February 18, 2010 (Communication)

**DOI:** 10.1021/ja910917f

### **Mechanical Reconfiguration of Stereoisomers**

Kelly M. Wiggins, Todd W. Hudnall, Qilong Shen, Matthew J. Kryger, Jeffrey S. Moore and Christopher W. Bielawski

pp 3256-3257

**Publication Date (Web):** February 18, 2010 (Communication)

DOI: 10.1021/ja910716s

### **Alkynes as Equivalents of $\alpha$ -Diazo Ketones in Generating $\alpha$ -Oxo Metal Carbenes: A Gold-Catalyzed Expedient Synthesis of Dihydrofuran-3-ones**

Longwu Ye, Li Cui, Guozhu Zhang and Liming Zhang

pp 3258-3259

Publication Date (Web): February 18, 2010 (Communication)

DOI: 10.1021/ja100041e

### **Low-Temperature Rapid Synthesis and Superconductivity of Fe-Based Oxypnictide Superconductors**

Ai-Hua Fang, Fu-Qiang Huang, Xiao-Ming Xie and Mian-Heng Jiang

pp 3260-3261

Publication Date (Web): February 19, 2010 (Communication)

DOI: 10.1021/ja100055k

### **Chiral Silver Amide-Catalyzed Enantioselective [3 + 2] Cycloaddition of $\alpha$ -Aminophosphonates with Olefins**

Yasuhiro Yamashita, Xun-Xiang Guo, Ryuta Takashita and Sh  $\square$  Kobayashi

pp 3262-3263

Publication Date (Web): February 17, 2010 (Communication)

DOI: 10.1021/ja100101n

### **Activity-Based Probes That Target Functional Subclasses of Phospholipases in Proteomes**

Sarah E. Tully and Benjamin F. Cravatt

pp 3264-3265

Publication Date (Web): February 23, 2010 (Communication)

DOI: 10.1021/ja1000505

### **Superelectrophiles and the Effects of Trifluoromethyl Substituents**

Matthew J. O'Connor, Kenneth N. Boblak, Michael J. Topinka, Patrick J. Kindelin, Jason M. Briski, Chong Zheng and Douglas A. Klumpp

pp 3266-3267

Publication Date (Web): February 24, 2010 (Communication)

DOI: 10.1021/ja1001482

### **Enantioselective Ring Opening of Epoxides by Fluoride Anion Promoted by a Cooperative Dual-Catalyst System**

Julia A. Kalow and Abigail G. Doyle

pp 3268-3269

Publication Date (Web): February 17, 2010 (Communication)

DOI: 10.1021/ja100161d

## **Nanocrystal Growth on Graphene with Various Degrees of Oxidation**

Hailiang Wang, Joshua Tucker Robinson, Georgi Diankov and Hongjie Dai

pp 3270-3271

Publication Date (Web): February 18, 2010 (Communication)

DOI: 10.1021/ja100329d

## **Enantioselective Synthesis of Angularly Substituted 1-Azabicyclic Ring Systems: Dynamic Kinetic Resolution Using Aza-Cope Rearrangements**

Tatsuya Ito, Larry E. Overman and Jocelyn Wang

pp 3272-3273

Publication Date (Web): February 22, 2010 (Communication)

DOI: 10.1021/ja100607z

## **Actuator Prototype: Capture and Release of a Self-Entangled [1]Rotaxane**

Zheng Xue and Michael F. Mayer

pp 3274-3276

Publication Date (Web): February 24, 2010 (Communication)

DOI: 10.1021/ja9077655

## **Structure and Absolute Configuration of Karlotoxin-2, an Ichthyotoxin from the Marine Dinoflagellate *Karlodinium veneficum***

Jiangnan Peng, Allen R. Place, Wesley Yoshida, Clemens Anklin and Mark T. Hamann

pp 3277-3279

Publication Date (Web): February 15, 2010 (Communication)

DOI: 10.1021/ja9091853

## **Drastic Structural Transformation of Cadmium Chalcogenide Nanoparticles Using Chloride Ions and Surfactants**

Masaki Saruyama, Masayuki Kanehara and Toshiharu Teranishi

pp 3280-3282

Publication Date (Web): February 23, 2010 (Communication)

DOI: 10.1021/ja9095285

## **Assembly of Supertetrahedral T<sub>5</sub> Copper–Indium Sulfide Clusters into a Super-Supertetrahedron of Infinite Order**

Le Wang, Tao Wu, Fan Zuo, Xiang Zhao, Xianhui Bu, Jianzhong Wu and Pingyun Feng

pp 3283-3285

Publication Date (Web): February 23, 2010 (Communication)

DOI: 10.1021/ja9100672

## **Anisotropic Strain-Induced Curvature in Type-II CdSe/CdTe Nanorod Heterostructures**

Hunter McDaniel, Jian-Min Zuo and Moonsub Shim

pp 3286-3288

**Publication Date (Web):** February 17, 2010 ([Communication](#))

**DOI:** 10.1021/ja910233a

## **Hydrogen Storage by Boron–Nitrogen Heterocycles: A Simple Route for Spent Fuel Regeneration**

Patrick G. Campbell, Lev N. Zakharov, Daniel J. Grant, David A. Dixon and Shih-Yuan Liu

pp 3289-3291

**Publication Date (Web):** February 19, 2010 ([Communication](#))

**DOI:** 10.1021/ja9106622

## **Shape-Directed Assembly of a “Macromolecular Barb” into Nanofibers: Stereospecific Cyclopolymerization of Isopropylidene Diallylmalonate**

Yasunao Miyamura, Kazushi Kinbara, Yohei Yamamoto, Vakayil K. Praveen, Kenichi Kato, Masaki Takata, Atsushi Takano, Yushu Matsushita, Eunji Lee, Myongsoo Lee and Takuzo Aida

pp 3292-3294

**Publication Date (Web):** February 23, 2010 ([Communication](#))

**DOI:** 10.1021/ja910901e

## **Asymmetric Hydrovinylation of Unactivated Linear 1,3-Dienes**

Rakesh K. Sharma and T. V. RajanBabu

pp 3295-3297

**Publication Date (Web):** February 17, 2010 ([Communication](#))

**DOI:** 10.1021/ja1004703

## **An Organocatalytic Asymmetric Chlorolactonization**

Daniel C. Whitehead, Roozbeh Yousefi, Arvind Jaganathan and Babak Borhan

pp 3298-3300

**Publication Date (Web):** February 19, 2010 ([Communication](#))

**DOI:** 10.1021/ja100502f

## **Homogeneous CO Hydrogenation: Dihydrogen Activation Involves a Frustrated Lewis Pair Instead of a Platinum Complex**

Alexander J. M. Miller, Jay A. Labinger and John E. Bercaw

pp 3301-3303

**Publication Date (Web):** February 23, 2010 ([Communication](#))

**DOI:** 10.1021/ja100574n

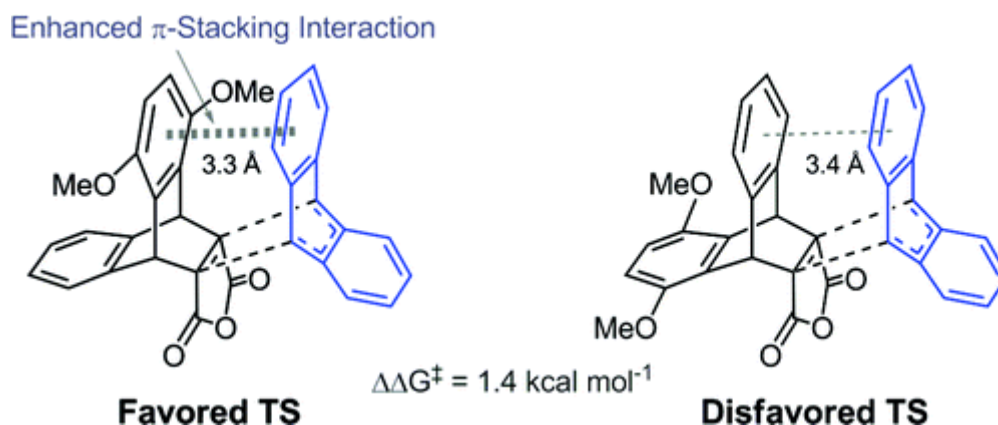
## Probing Substituent Effects in Aryl–Aryl Interactions Using Stereoselective Diels–Alder Cycloadditions

Steven E. Wheeler, Anne J. McNeil, Peter Müller, Timothy M. Swager and K. N. Houk

pp 3304–3311

Publication Date (Web): February 16, 2010 (Article)

DOI: 10.1021/ja903653j



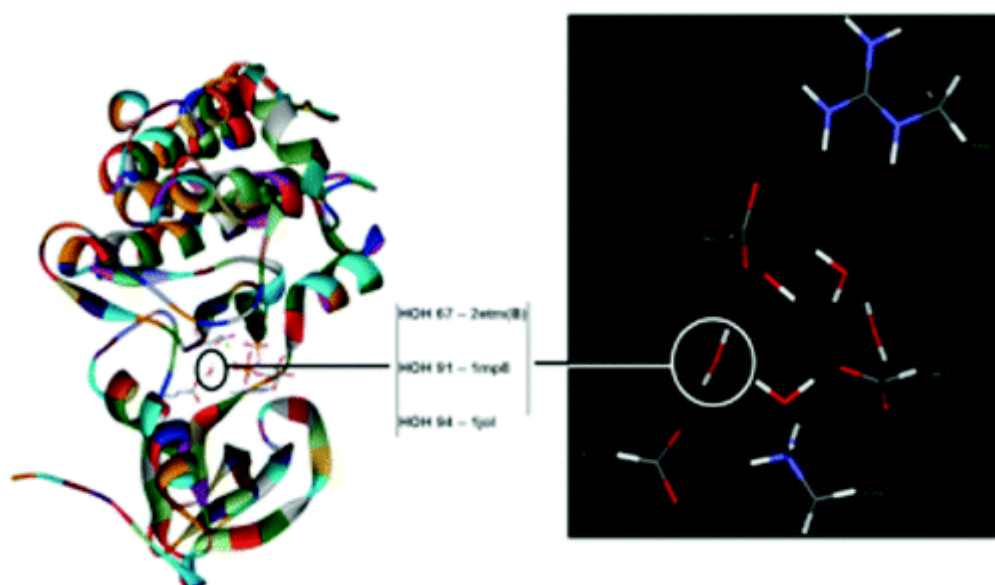
## Polarizable Water Molecules in Ligand–Macromolecule Recognition. Impact on the Relative Affinities of Competing Pyrrolopyrimidine Inhibitors for FAK Kinase

Benoit de Courcy, Jean-Philip Piquemal, Christiane Garbay and Nohad Gresh

pp 3312–3320

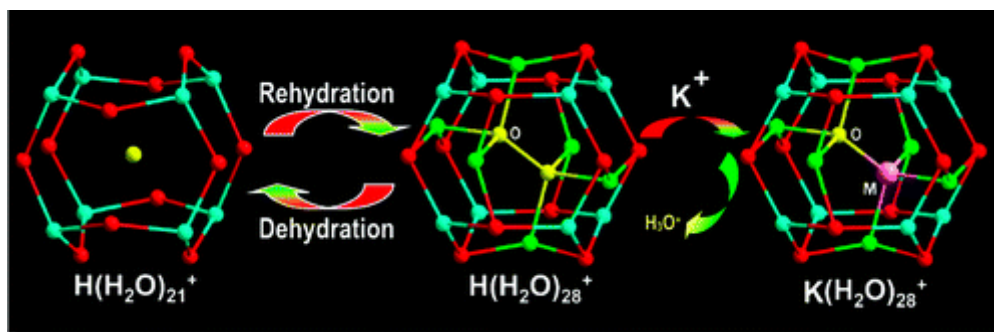
Publication Date (Web): February 23, 2010 (Article)

DOI: 10.1021/ja9059156

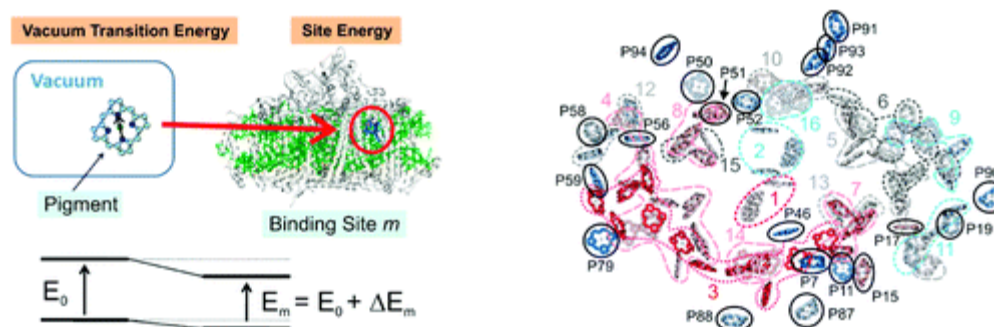




## DOI: 10.1021/ja907023c

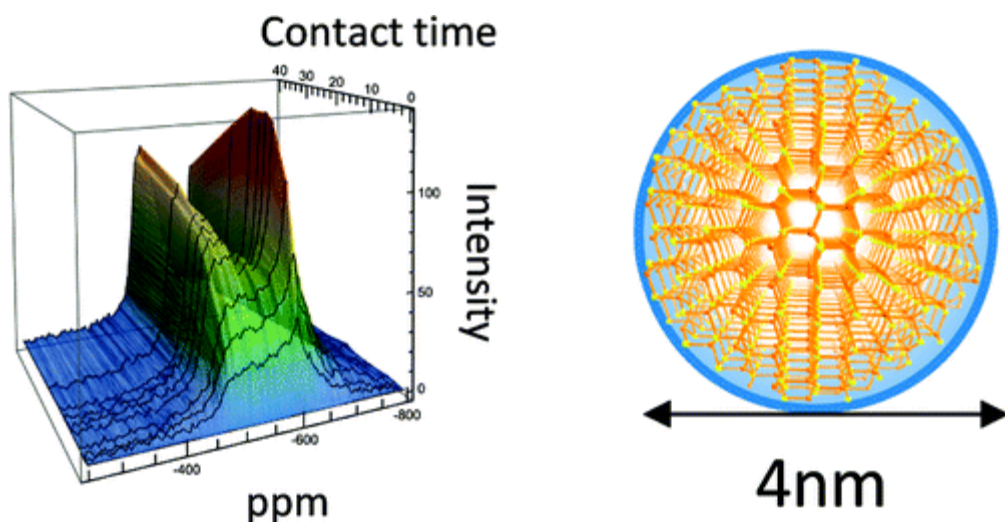


## DOI: 10.1021/ja907222d



## DOI: 10.1021/ja907511r





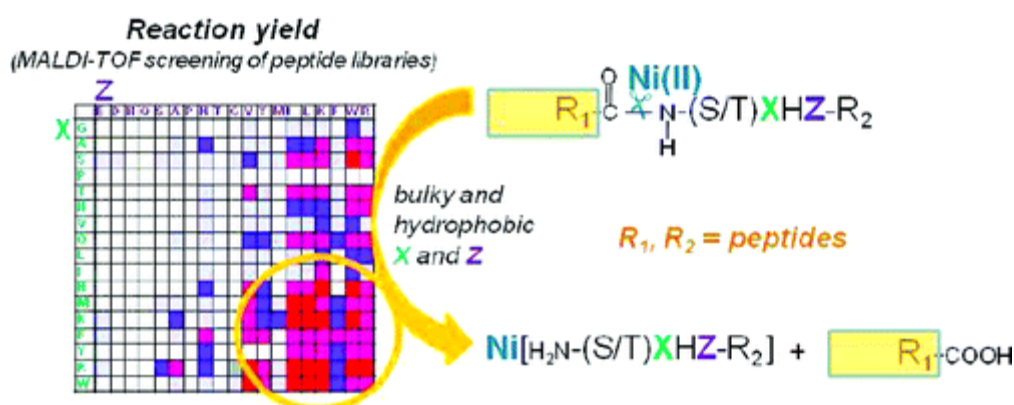
### Sequence-Specific Ni(II)-Dependent Peptide Bond Hydrolysis for Protein Engineering. Combinatorial Library Determination of Optimal Sequences

Artur Krężel, Edyta Kopera, Anna Maria Protas, Jarosław Poznański, Aleksandra Wystouch-Cieszyńska and Wojciech Bal

pp 3355-3366

Publication Date (Web): February 18, 2010 (Article)

DOI: 10.1021/ja907567r



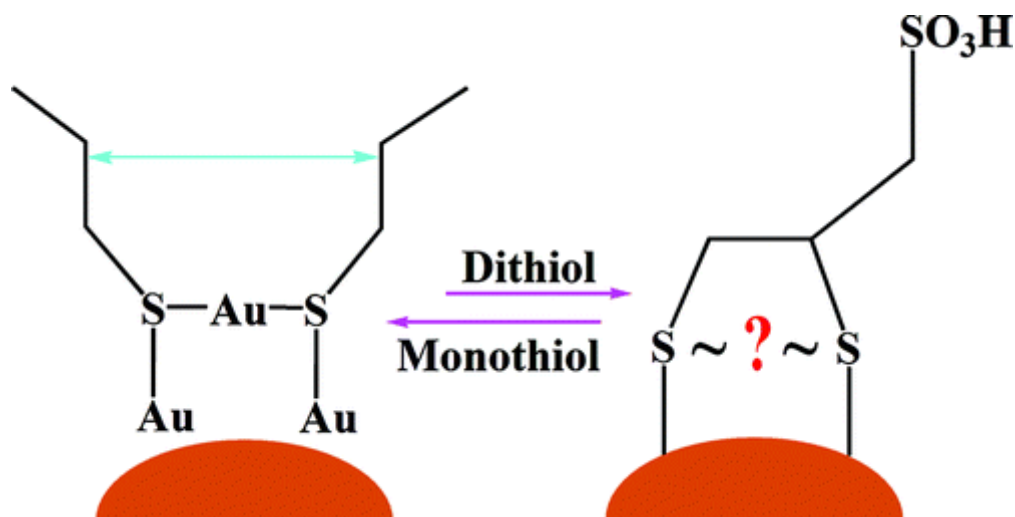
### Synthesis and Structural Determination of Multidentate 2,3-Dithiol-Stabilized Au Clusters

Zhenghua Tang, Bin Xu, Baohua Wu, Markus W. Germann and Gangli Wang

pp 3367-3374

Publication Date (Web): February 16, 2010 (Article)

DOI: 10.1021/ja9076149



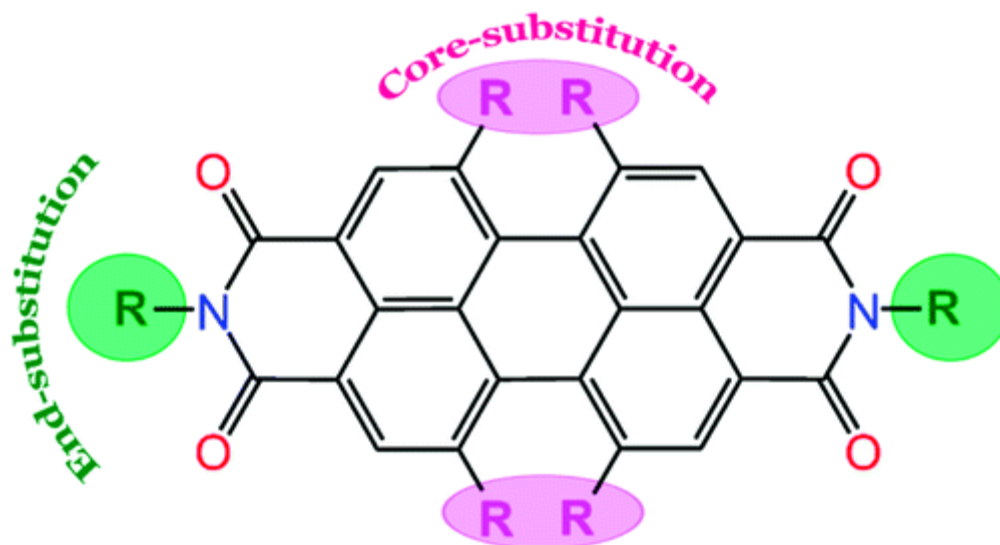
### Tuning the Charge-Transport Parameters of Perylene Diimide Single Crystals via End and/or Core Functionalization: A Density Functional Theory Investigation

M. Carmen Ruiz Delgado, Eung-Gun Kim, Demétrio A. da Silva Filho and Jean-Luc Bredas

pp 3375-3387

Publication Date (Web): February 18, 2010 (Article)

DOI: 10.1021/ja908173x



### Structural Characterization of Formaldehyde-Induced Cross-Links Between Amino Acids and Deoxynucleosides and Their Oligomers

Kun Lu, Wenjie Ye, Li Zhou, Leonard B. Collins, Xian Chen, Avram Gold, Louise M Ball and James A. Swenberg

pp 3388-3399

Publication Date (Web): February 23, 2010 (Article)

DOI: 10.1021/ja908282f



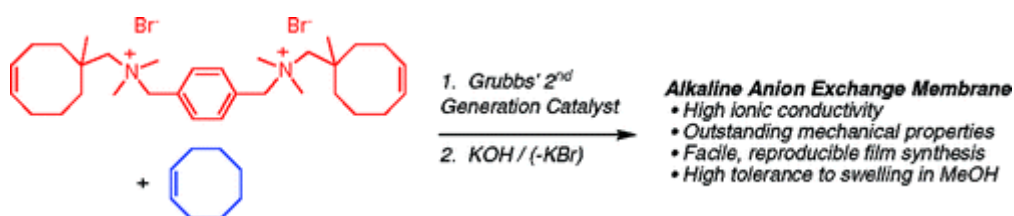
## Tunable High Performance Cross-Linked Alkaline Anion Exchange Membranes for Fuel Cell Applications

Nicholas J. Robertson, Henry A. Kostalik, IV, Timothy J. Clark, Paul F. Mutolo, Héctor D. Abrúña and Geoffrey W. Coates

pp 3400-3404

Publication Date (Web): February 23, 2010 (Article)

DOI: 10.1021/ja908638d



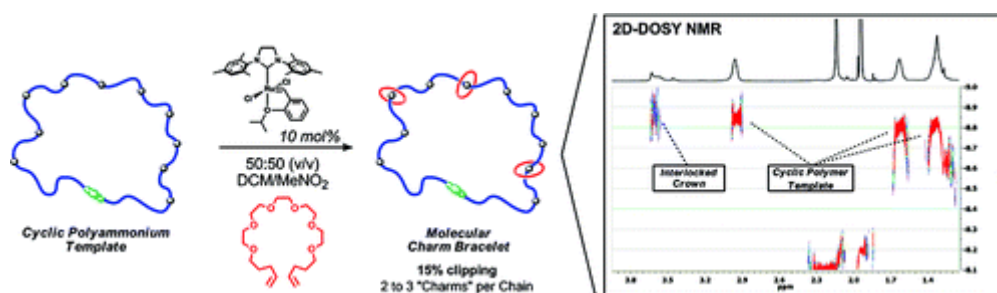
## Synthesis of a Molecular Charm Bracelet via Click Cyclization and Olefin Metathesis Clipping

Paul G. Clark, Erin N. Guidry, Wing Yan Chan, Wayne E. Steinmetz and Robert H. Grubbs

pp 3405-3412

Publication Date (Web): February 16, 2010 (Article)

DOI: 10.1021/ja9090337



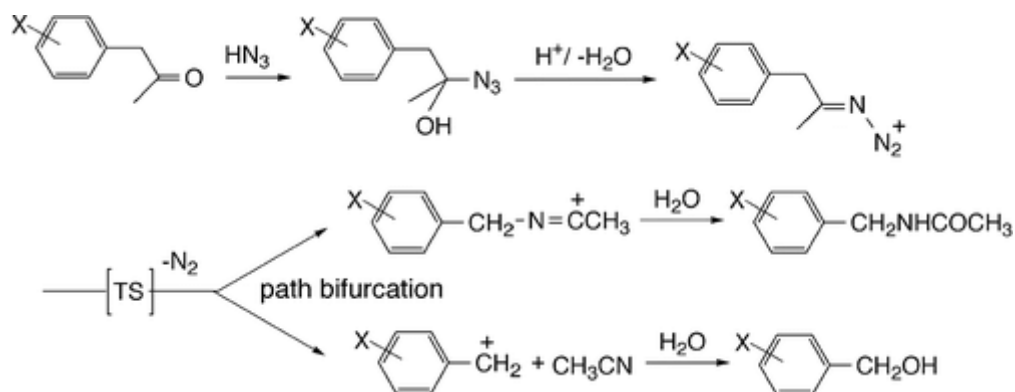
## Reaction Pathways and Possible Path Bifurcation for the Schmidt Reaction

Tetsuji Katori, Shuhei Itoh, Makoto Sato and Hiroshi Yamataka

pp 3413-3422

Publication Date (Web): February 18, 2010 (Article)

DOI: 10.1021/ja908899u



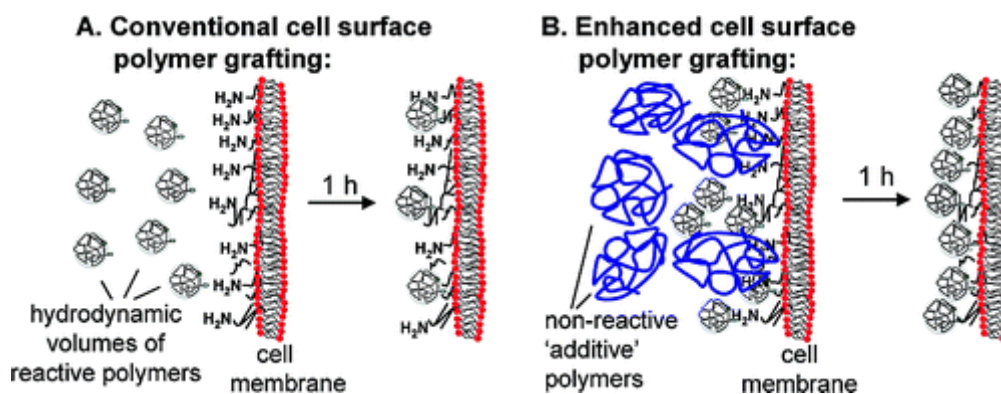
## Enhanced Cell Surface Polymer Grafting in Concentrated and Nonreactive Aqueous Polymer Solutions

Nicholas A. A. Rossi, Iren Constantinescu, Donald E. Brooks, Mark D. Scott and Jayachandran N. Kizhakkedathu

pp 3423-3430

Publication Date (Web): February 18, 2010 (Article)

DOI: 10.1021/ja909174x



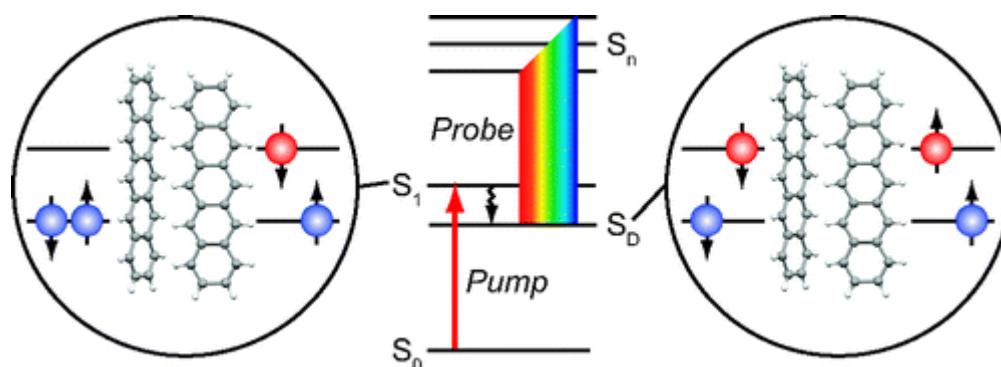
## Interpretation of the Ultrafast Photoinduced Processes in Pentacene Thin Films

Thomas S. Kuhlman, Jacob Kongsted, Kurt V. Mikkelsen, Klaus B. Møller and Theis I. Sølling

pp 3431-3439

Publication Date (Web): February 22, 2010 (Article)

DOI: 10.1021/ja909166s



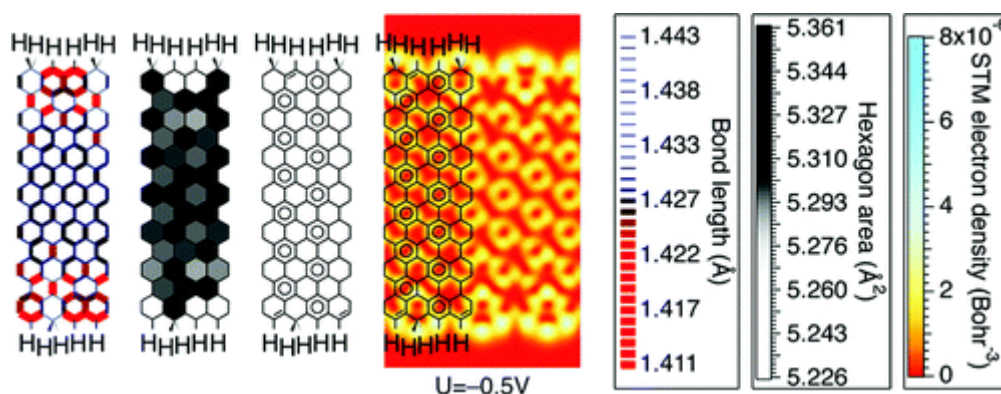
## Clar's Theory, $\pi$ -Electron Distribution, and Geometry of Graphene Nanoribbons

Tobias Wassmann, Ari P. Seitsonen, A. Marco Saitta, Michele Lazzeri and Francesco Mauri

pp 3440-3451

Publication Date (Web): February 23, 2010 (Article)

DOI: 10.1021/ja909234y



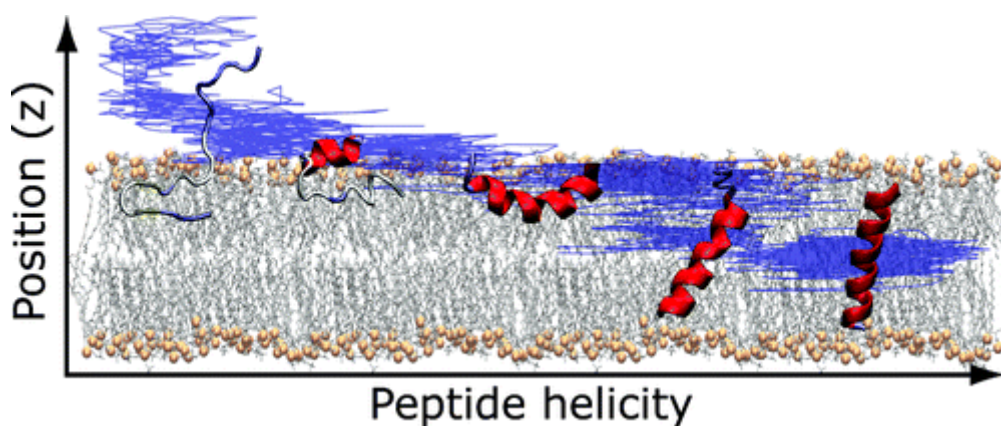
## Mechanism and Kinetics of Peptide Partitioning into Membranes from All-Atom Simulations of Thermostable Peptides

Martin B. Ulmschneider, Jacques P. F. Doux, J. Antoinette Killian, Jeremy C. Smith and Jakob P. Ulmschneider

pp 3452-3460

Publication Date (Web): February 17, 2010 (Article)

DOI: 10.1021/ja909347x



## *In Situ* Transformation of TON Silica Zeolite into the Less Dense ITW: Structure-Direction Overcoming Framework Instability in the Synthesis of SiO<sub>2</sub> Zeolites

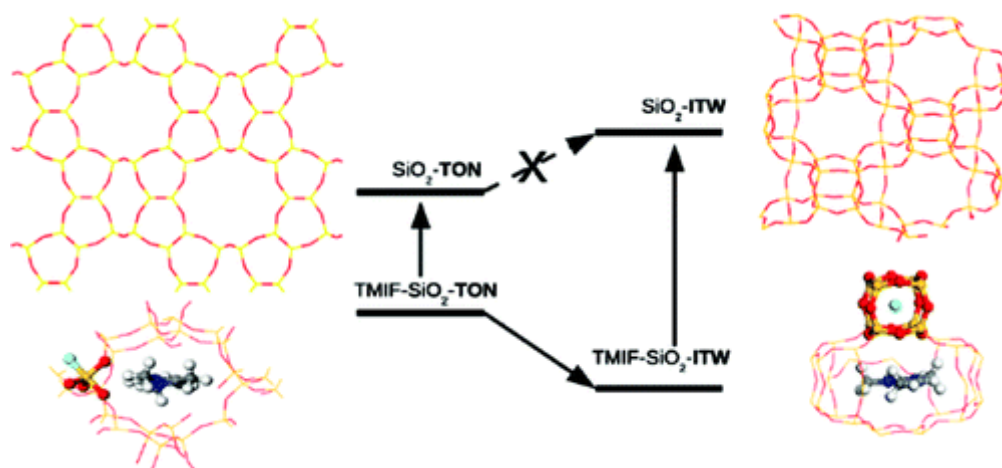
Claudio M. Zicovich-Wilson, Felipe Gándara, Angeles Monge and Miguel A. Camblor

pp 3461-3471

Publication Date (Web): February 17, 2010 (Article)

DOI: 10.1021/ja9094318





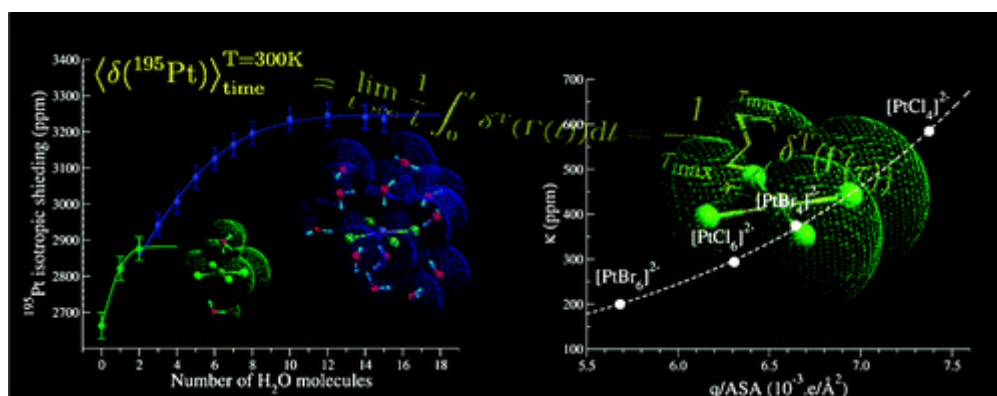
## Probing the Solvent Shell with $^{195}\text{Pt}$ Chemical Shifts: Density Functional Theory Molecular Dynamics Study of $\text{Pt}^{\text{II}}$ and $\text{Pt}^{\text{IV}}$ Anionic Complexes in Aqueous Solution

Lionel A. Truflandier and Jochen Autschbach

pp 3472-3483

Publication Date (Web): February 18, 2010 (Article)

DOI: 10.1021/ja9096863



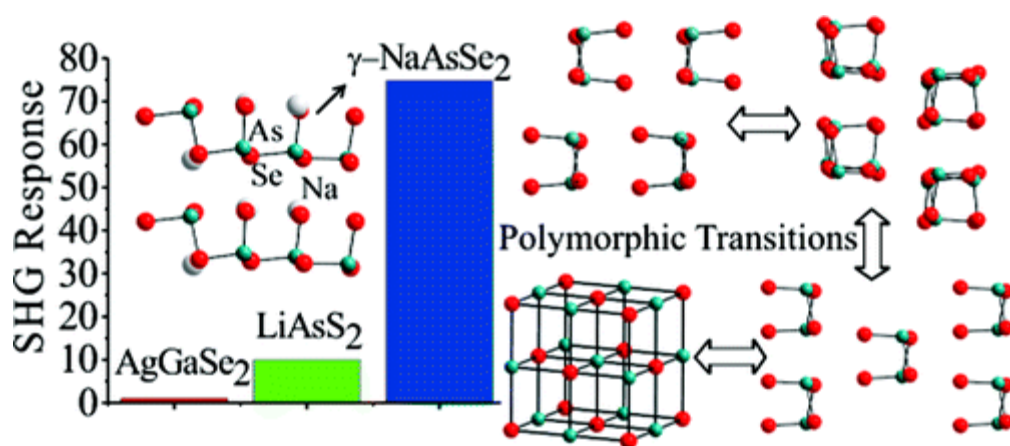
## Soluble Semiconductors $\text{AAsSe}_2$ ( $\text{A} = \text{Li}, \text{Na}$ ) with a Direct-Band-Gap and Strong Second Harmonic Generation: A Combined Experimental and Theoretical Study

Tarun K. Bera, Joon I. Jang, Jung-Hwan Song, Christos D. Malliakas, Arthur J. Freeman, John B. Ketterson and Mercouri G. Kanatzidis

pp 3484-3495

Publication Date (Web): February 19, 2010 (Article)

DOI: 10.1021/ja9094846



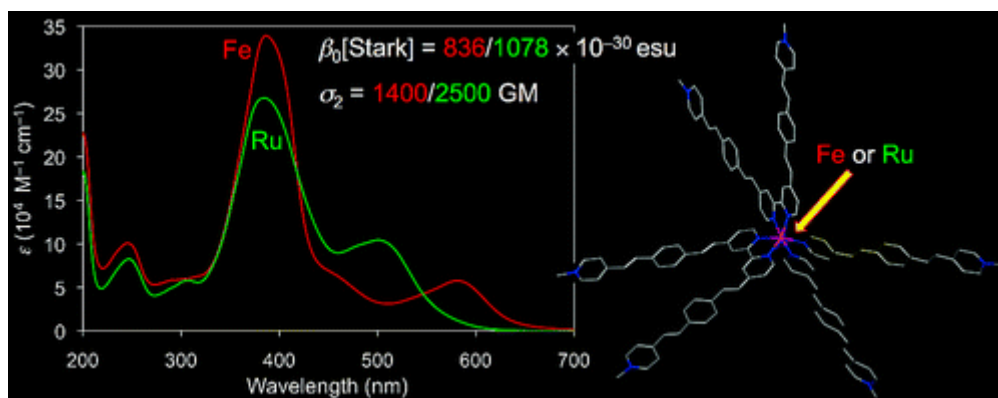
## Combining Very Large Quadratic and Cubic Nonlinear Optical Responses in Extended, Tris-Chelate Metallochromophores with Six $\pi$ -Conjugated Pyridinium Substituents

Benjamin J. Coe, John Fielden, Simon P. Foxon, Bruce S. Brunschwig, Inge Asselberghs, Koen Clays, Anna Samoc and Marek Samoc

pp 3496-3513

Publication Date (Web): February 18, 2010 (Article)

DOI: 10.1021/ja910538s



## Solving the $\alpha$ -Conotoxin Folding Problem: Efficient Selenium-Directed On-Resin Generation of More Potent and Stable Nicotinic Acetylcholine Receptor Antagonists

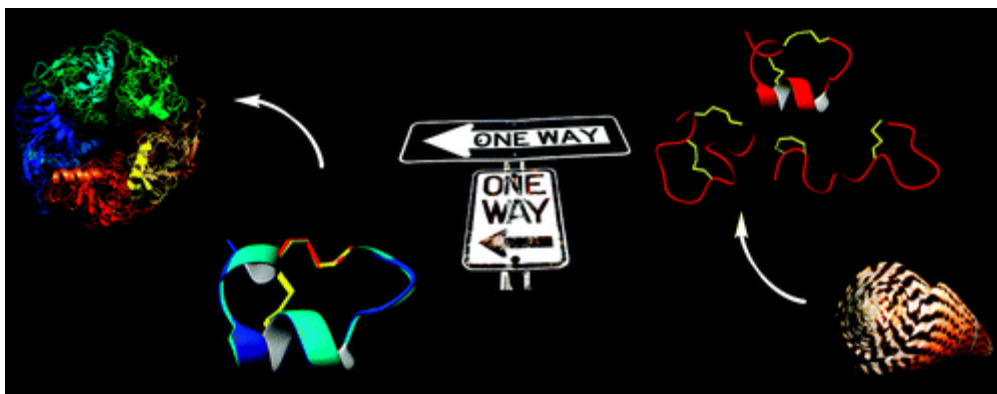
Markus Muttenthaler, Simon T. Nevin, Anton A. Grishin, Shyuan. T. Ngo, Peng T. Choy, Norelle L. Daly, Shu-Hong Hu, Christopher J. Armishaw, Ching-I. A. Wang, Richard J. Lewis, Jennifer L. Martin, Peter G. Noakes, David J. Craik, David J. Adams and Paul F. Alewood

pp 3514-3522

Publication Date (Web): February 17, 2010 (Article)

DOI: 10.1021/ja910602h





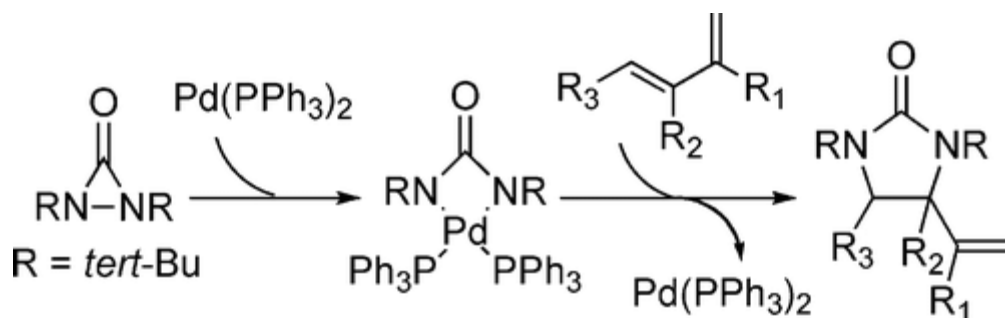
## Synthetic and Mechanistic Studies on Pd(0)-Catalyzed Diamination of Conjugated Dienes

Baoguo Zhao, Haifeng Du, Sunliang Cui and Yian Shi

pp 3523-3532

Publication Date (Web): February 18, 2010 (Article)

DOI: 10.1021/ja909459h



## A Rare Example of a Krypton Difluoride Coordination Compound:

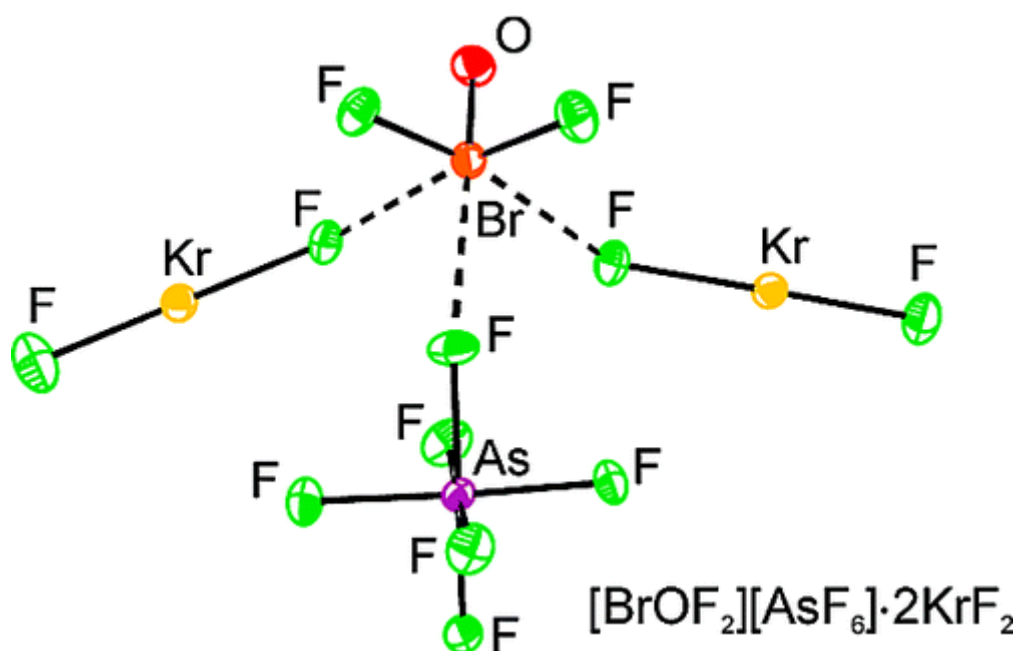
$[\text{BrOF}_2][\text{AsF}_6] \cdot 2\text{KrF}_2$

David S. Brock, Jonathan J. Casalis de Pury, H  l  ne P. A. Mercier, Gary J. Schrobilgen and Bernard Silvi

pp 3533-3542

Publication Date (Web): February 22, 2010 (Article)

DOI: 10.1021/ja9098559



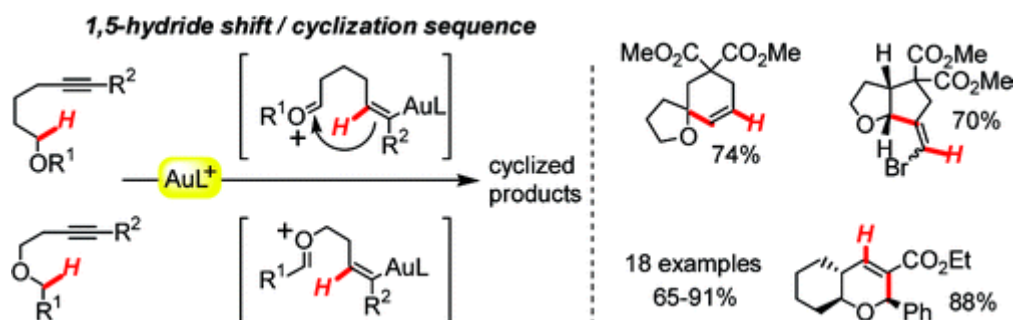
## Hydroalkylation of Alkynyl Ethers via a Gold(I)-Catalyzed 1,5-Hydride Shift/Cyclization Sequence

Igor Dias Jurberg, Yann Odabachian and Fabien Gagosz

pp 3543-3552

Publication Date (Web): February 16, 2010 (Article)

DOI: 10.1021/ja9100134



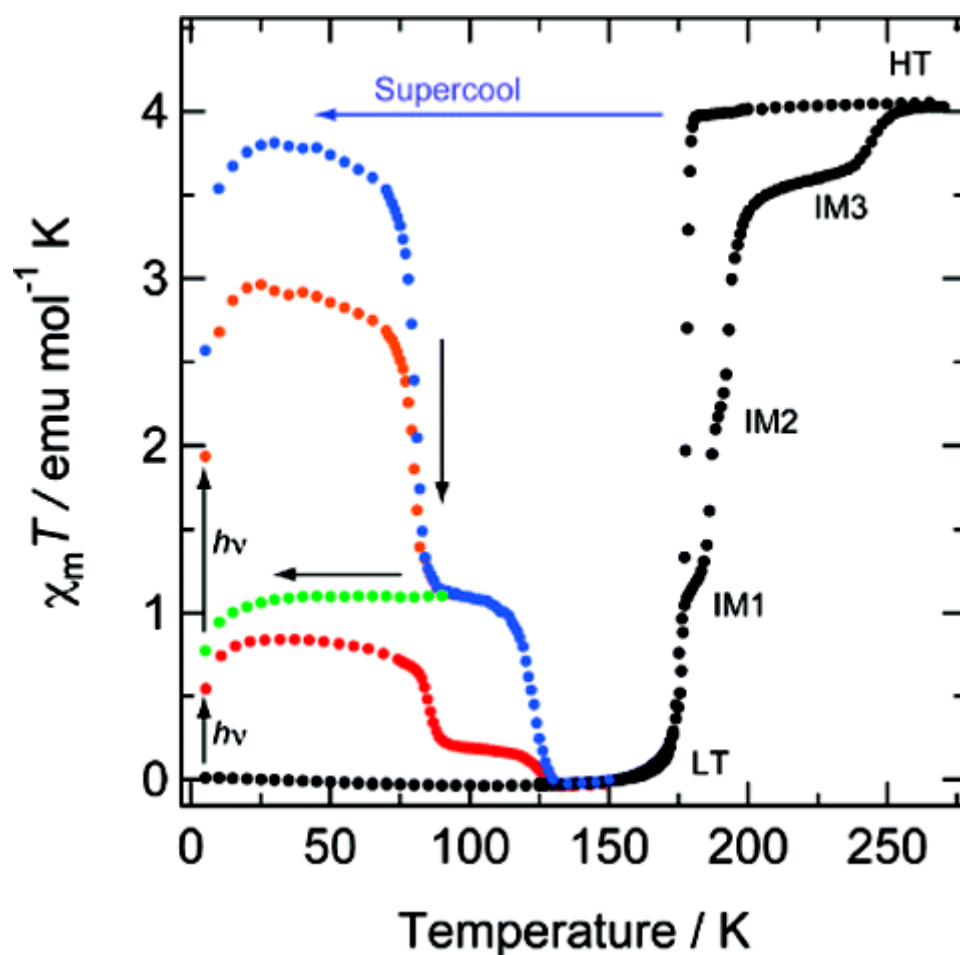
## Multiple Bistability and Tristability with Dual Spin-State Conversions in $[\text{Fe}(\text{dpp})_2][\text{Ni}(\text{mnt})_2]_2 \cdot \text{MeNO}_2$

Masayuki Nihei, Hirotaka Tahira, Nobukazu Takahashi, Yusuke Otake, Yasuhisa Yamamura, Kazuya Saito and Hiroki Oshio

pp 3553-3560

Publication Date (Web): February 16, 2010 (Article)

DOI: 10.1021/ja910122r



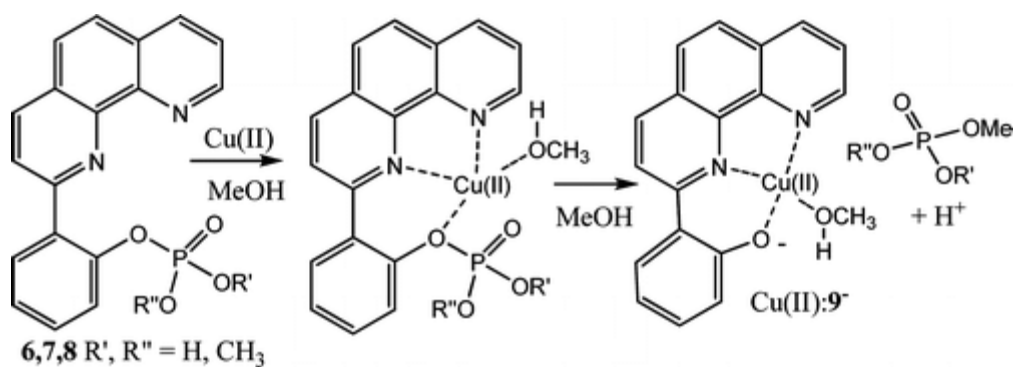
## Demonstration of Prominent Cu(II)-Promoted Leaving Group Stabilization of the Cleavage of a Homologous Set of Phosphate Mono-, Di-, and Triesters in Methanol

C. Tony Liu, Alexei A. Neverov, Christopher I. Maxwell and R. Stan Brown

pp 3561-3573

Publication Date (Web): February 17, 2010 (Article)

DOI: 10.1021/ja910111q



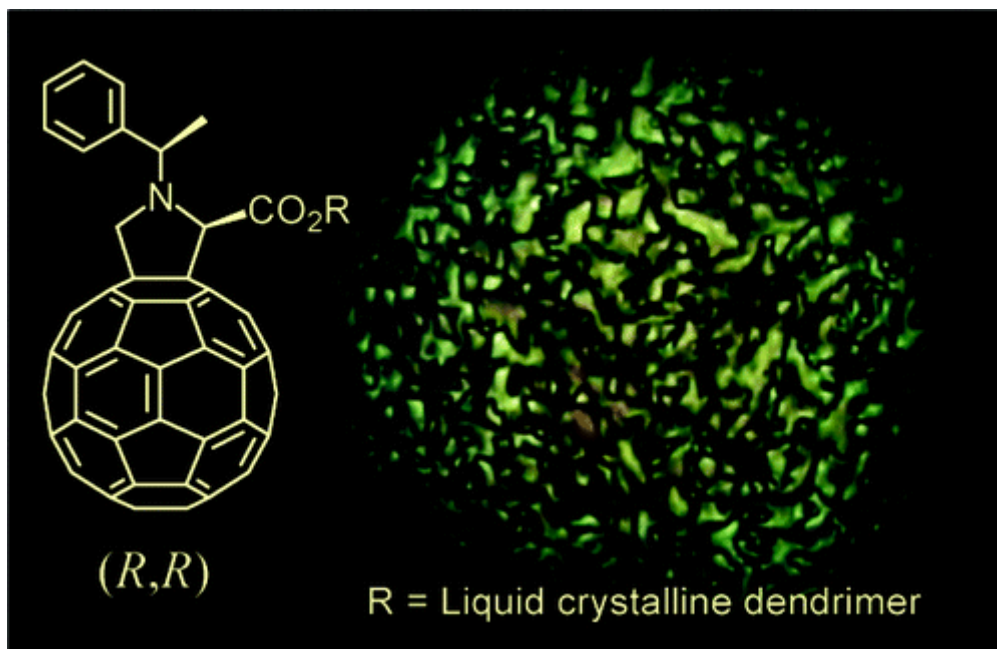
## Diastereoisomerically Pure Fulleropyrrolidines as Chiral Platforms for the Design of Optically Active Liquid Crystals

Stéphane Campidelli, Philippe Bourgun, Boris Guintchin, Julien Furrer, Helen Stoeckli-Evans, Isabel M. Saez, John W. Goodby and Robert Deschenaux

pp 3574-3581

Publication Date (Web): February 17, 2010 (Article)

DOI: 10.1021/ja910128e



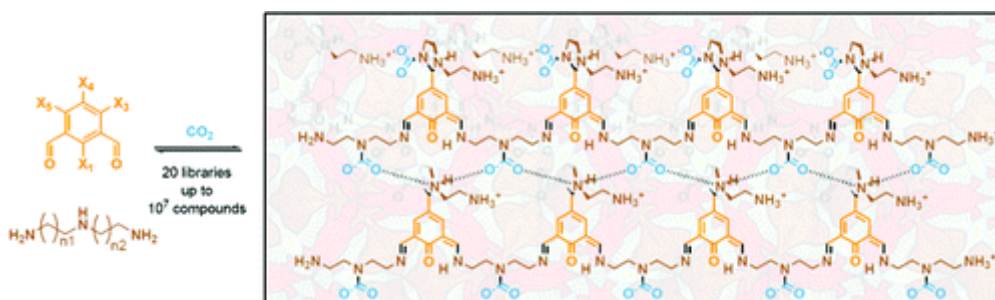
## CO<sub>2</sub> Binding by Dynamic Combinatorial Chemistry: An Environmental Selection

Julien Leclaire, Guillaume Husson, Nathalie Devaux, Vincent Delorme, Laurence Charles, Fabio Ziarelli, Perrine Desbois, Alexandra Chaumonnot, Marc Jacquin, Frédéric Fotiadu and Gérard Buono

pp 3582-3593

Publication Date (Web): February 19, 2010 (Article)

DOI: 10.1021/ja909975q



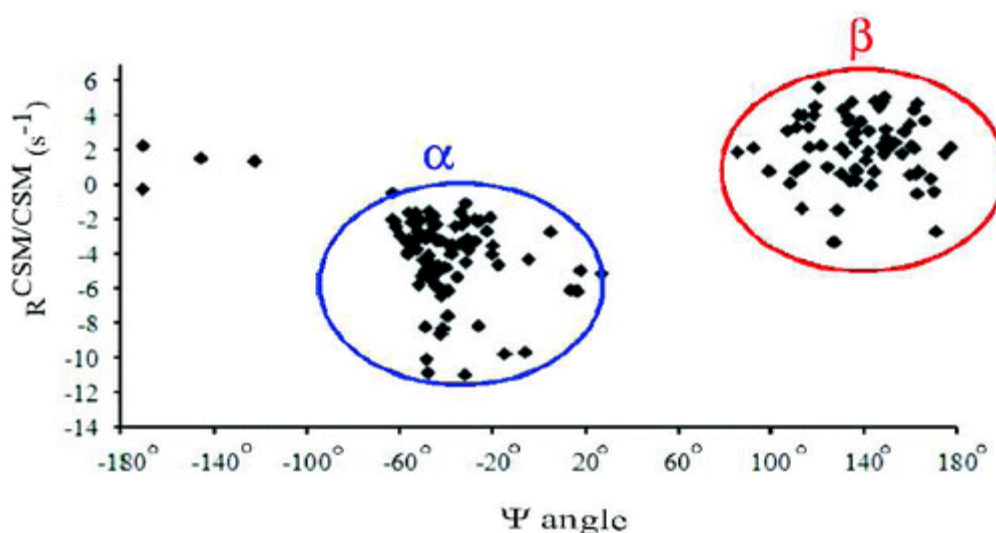
## Toward Structural Dynamics: Protein Motions Viewed by Chemical Shift Modulations and Direct Detection of C'N Multiple-Quantum Relaxation

Mirko Mori, Fatiha Kateb, Geoffrey Bodenhausen, Mario Piccioli and Daniel Abergel

pp 3594-3600

Publication Date (Web): February 18, 2010 (Article)

DOI: 10.1021/ja9103556



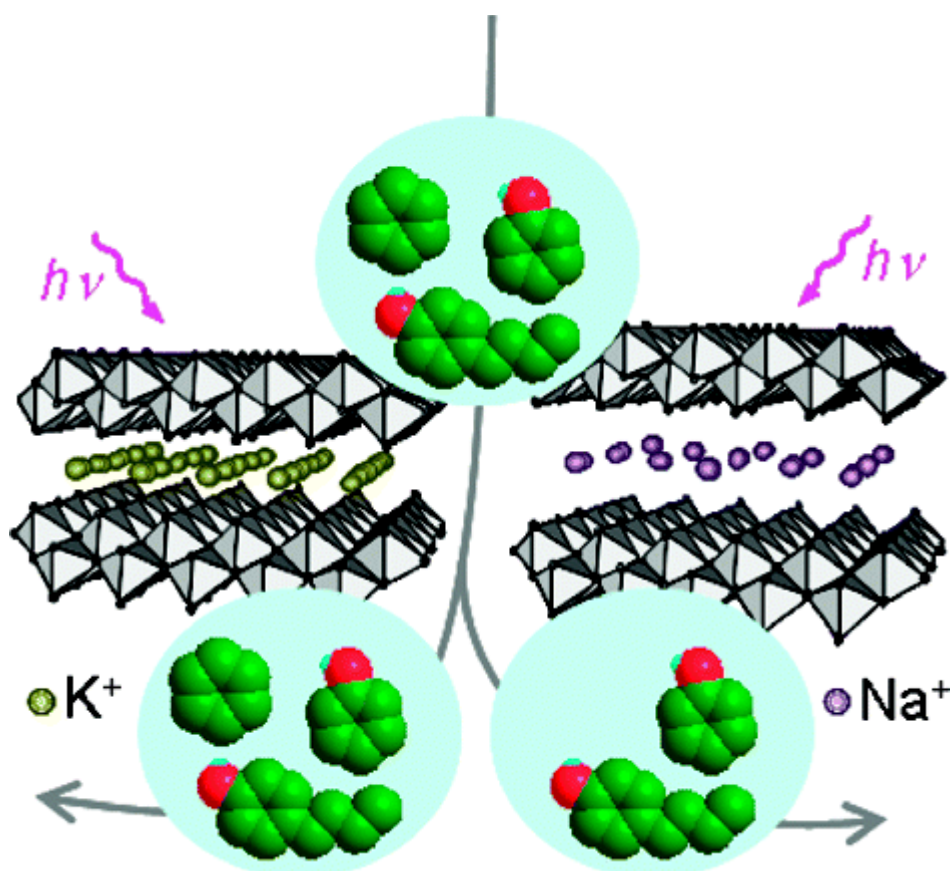
## Molecular Recognitive Photocatalysis Driven by the Selective Adsorption on Layered Titanates

Yusuke Ide, Yuri Nakasato and Makoto Ogawa

pp 3601-3604

Publication Date (Web): February 18, 2010 (Article)

DOI: 10.1021/ja910591v



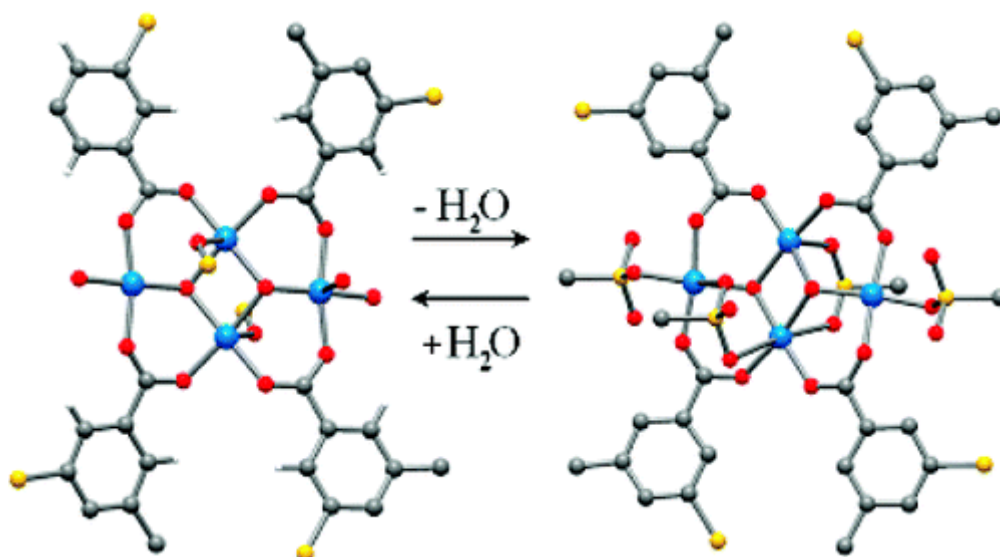
## In Situ Single-Crystal Diffraction Studies of the Structural Transition of Metal–Organic Framework Copper 5-Sulfoisophthalate, Cu-SIP-3

Phoebe K. Allan, Bo Xiao, Simon J. Teat, Jason W. Knight and Russell E. Morris

pp 3605-3611

Publication Date (Web): February 19, 2010 (Article)

DOI: 10.1021/ja910600b



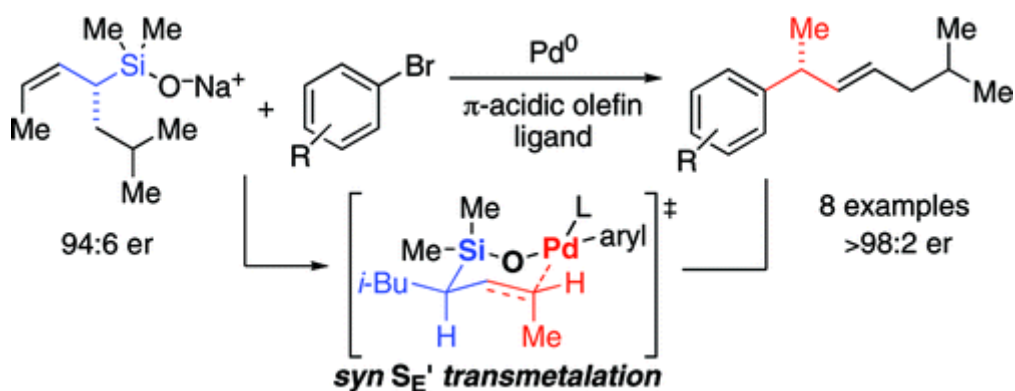
### On the Stereochemical Course of Palladium-Catalyzed Cross-Coupling of Allylic Silanolate Salts with Aromatic Bromides

Scott E. Denmark and Nathan S. Werner

pp 3612-3620

Publication Date (Web): February 17, 2010 (Article)

DOI: 10.1021/ja910804u



### Silver Ion Incorporation and Nanoparticle Formation inside the Cavity of *Pyrococcus furiosus* Ferritin: Structural and Size-Distribution Analyses

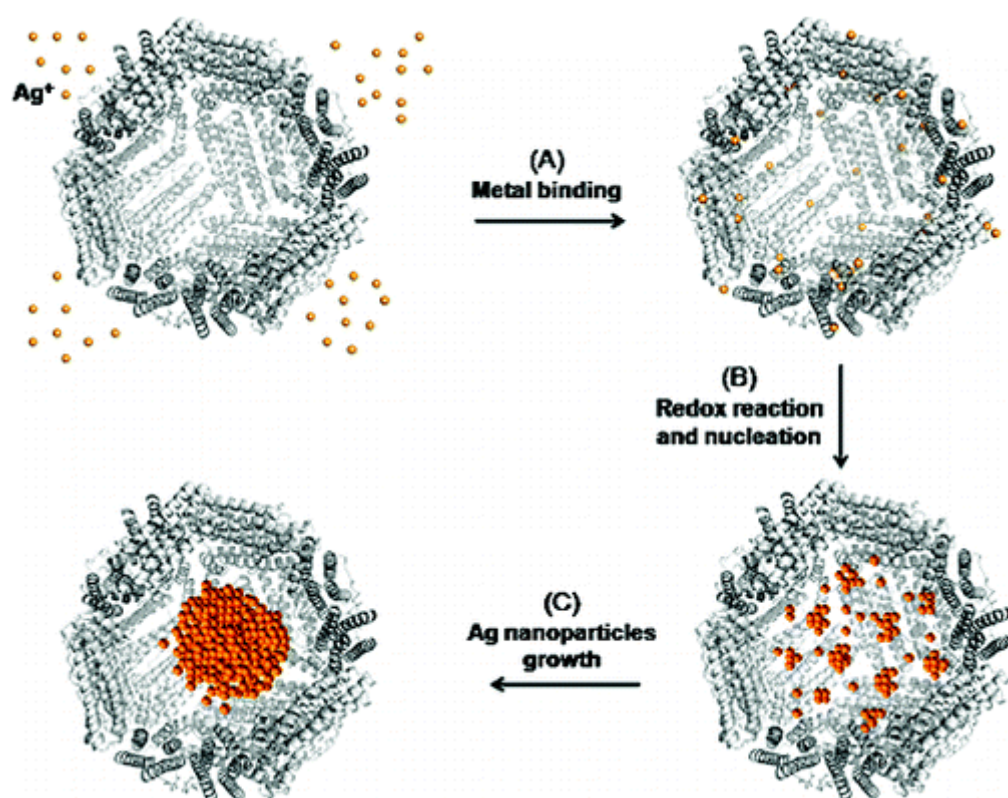
Oksana Kasyutich, Andrea Ilari, Annarita Fiorillo, Dragomir Tatchev, Armin Hoell and Pierpaolo Ceci

pp 3621-3627

Publication Date (Web): February 19, 2010 (Article)

DOI: 10.1021/ja910918b





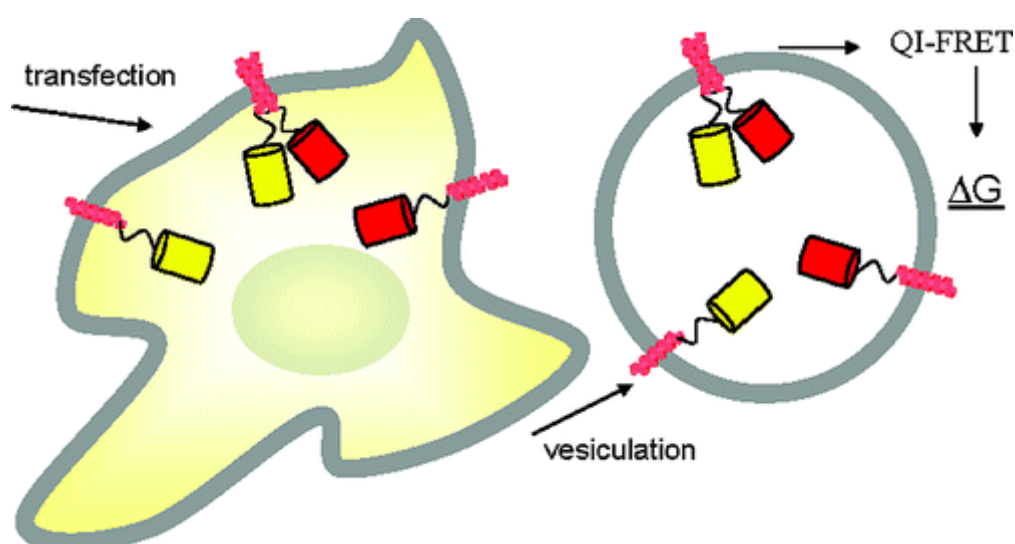
## Measuring the Energetics of Membrane Protein Dimerization in Mammalian Membranes

Lirong Chen, Lawrence Novicky, Mikhail Merzlyakov, Tihomir Hristov and Kalina Hristova

pp 3628-3635

Publication Date (Web): February 16, 2010 (Article)

DOI: 10.1021/ja910692u



## ADDITIONS AND CORRECTIONS

### Why Structurally Different Cyclic Peptides Can Be Glycomimetics of the HNK-1 Carbohydrate Antigen []

Anirban Bhunia, Subramanian Vivekanandan, Thomas Eckert, Monika Burg-Roderfeld, Rainer Wechselberger, Julija Romanuka, Dirk Bächle, Andrei V. Kornilov, Claus-Wilhelm von der Lieth,



Jesús Jiménez-Barbero, Nikolay E. Nifantiev, Melitta Schachner, Norbert Sewald, Thomas L. Ullrich, Hans-Joachim Gabius and Hans-Christian Siebert

p 3636

**Publication Date (Web):** February 22, 2010 (Addition/Correction)

**DOI:** 10.1021/ja100344v

## **Nickel-Catalyzed Reductive Cross-Coupling of Aryl Halides with Alkyl Halides**

Daniel A. Everson, Ruja Shrestha and Daniel J. Weix

p 3636

**Publication Date (Web):** February 22, 2010 (Addition/Correction)

**DOI:** 10.1021/ja100564b

### **BOOK REVIEWS**

## **From Enzyme Models to Model Enzymes**

Ralph M. Pollack

p 3637

**Publication Date (Web):** February 17, 2010 (Book Review)

**DOI:** 10.1021/ja100854r

## **Optical Properties and Spectroscopy of Nanomaterials**

Andre J. Gesquiere

pp 3637-3638

**Publication Date (Web):** February 24, 2010 (Book Review)

**DOI:** 10.1021/ja101350v