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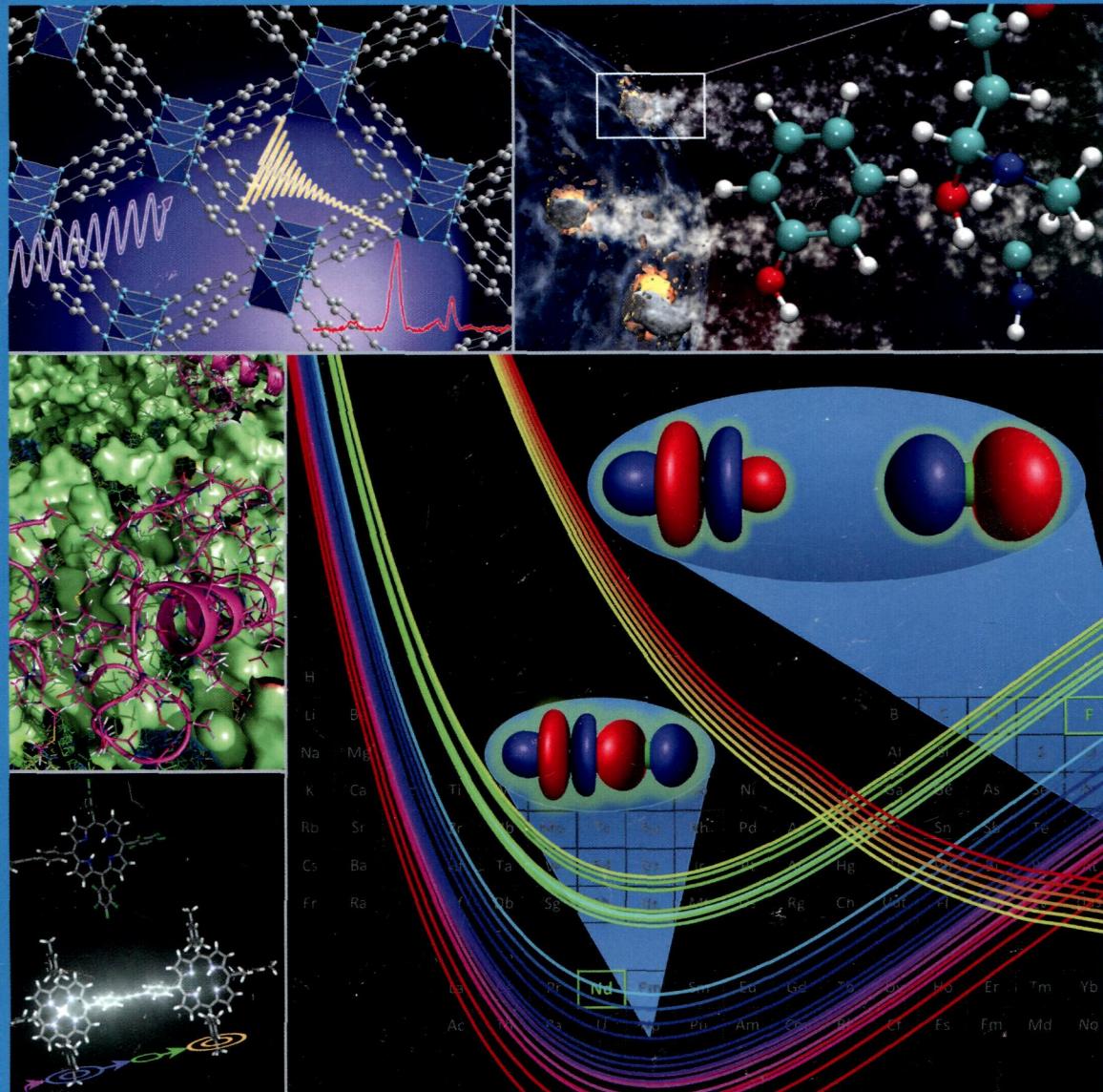
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**ISOLATED MOLECULES, CLUSTERS, RADICALS, AND IONS; ENVIRONMENTAL CHEMISTRY,
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ON THE COVER: Collage of cover art from recent issues of *J. Phys. Chem.* Top Left: ^{17}O Solid-State NMR Spectra Provide Signatures of Various Oxygen Species in Metal-Organic Frameworks (*J. Phys. Chem. C* 2013, 117 (33), 16953–16960). Center Left: Behavior of Amyloid β -Peptides on a Ganglioside-Containing Membrane Surface (*J. Phys. Chem. B* 2013, 117 (27), 8085–8094). Bottom Left: Bridge-Mediated EET in Porphyrin Dimers: Electronic Coupling Reduced by Fluorination (*J. Phys. Chem. C* 2013, 117 (24), 12423–12431). Top Right: Synthesis of Prebiotic Hydrocarbons in Impacts of Simple Icy Mixtures on Early Earth (*J. Phys. Chem. A* 2013, 117 (24), 5124–5131). Bottom Right: Computed Potential Energy Curves for Quartet, Doublet, and Sextet States of NdF $^{2+}$ (*J. Phys. Chem. A* 2013, 117 (42), 10881–10888).

Articles

Kinetics and Dynamics

791



[dx.doi.org/10.1021/jp407310c](https://doi.org/10.1021/jp407310c)

Ab Initio Investigation of the Abstraction Reactions by H and D from Tetramethylsilane and Its Deuterated Substitutions
I. Queslati, B. Kerkeni,* A. Spielfiedel, W.-Ü L. Tchang-Brillet, and N. Feautrier

803



[dx.doi.org/10.1021/jp410454q](https://doi.org/10.1021/jp410454q)

ReaxFF Study of the Oxidation of Lignin Model Compounds for the Most Common Linkages in Softwood in View of Carbon Fiber Production
Ariana Beste*

815

[dx.doi.org/10.1021/jp410470r](https://doi.org/10.1021/jp410470r)

A New System for Studying Spatial Front Instabilities: The Supercatalytic Chlorite–Trithionate Reaction
György Csekő, Lin Ren, Yang Liu, Qingyu Gao,* and Attila K. Horváth*

822

[dx.doi.org/10.1021/jp410853f](https://doi.org/10.1021/jp410853f)

Shock Tube Measurements of the Rate Constant for the Reaction Ethanol + OH
Ivo Stranic,* Genry A. Pang, Ronald K. Hanson, David M. Golden, and Craig T. Bowman

829

[dx.doi.org/10.1021/jp411209n](https://doi.org/10.1021/jp411209n)

Quantification of the 248 nm Photolysis Products of HCNO (Fulminic Acid)
Wenhui Feng and John F. Hershberger*

Spectroscopy, Photochemistry, and Excited States

838

Excited-State Dynamics in an α -Perylene Single Crystal: Two-Photon- and Consecutive Two-Quantum-Induced Singlet Fission

Lin Ma, Ke Jie Tan, Hui Jiang, Christian Kloc, Maria-Elisabeth Michel-Beyerle, and Gagik G. Gurzadyan*

dx.doi.org/10.1021/jp409977f

dx.doi.org/10.1021/jp411156c

844

Femtosecond Laser Spectroscopy and DFT Studies of Photochromic Dithizonatomercury Complexes

Karel G. von Eschwege,* Gurthwin Bosman, Jeanet Conradie, and Heinrich Schwoerer

dx.doi.org/10.1021/jp410186y

dx.doi.org/10.1021/jp4100747

856

Microwave Spectra and Structure of the Argon–Cyclopentanone and Neon–Cyclopentanone van der Waals Complexes

Wei Lin, Andrew H. Brooks, Andrea J. Minei, Stewart E. Novick, and Wallace C. Pringle*

dx.doi.org/10.1021/jp410381r

dx.doi.org/10.1021/jp411524k

862

Molecular Structures and Absorption Spectra Assignment of Corrole NH Tautomers

Wichard Beenken,* Martin Presselt, Thien H. Ngo, Wim Dehaen, Wouter Maes,* and Mikalai Kruk

dx.doi.org/10.1021/jp411033h

dx.doi.org/10.1021/jp4119265

872

Effect of Acid on the Ultraviolet–Visible Absorption and Emission Properties of Curcumin

Yuval Erez, Ron Simkovitch, Shay Shomer, Rinat Gepshtein, and Dan Huppert*

dx.doi.org/10.1021/jp411686d

dx.doi.org/10.1021/jp412144r

Molecular Structure, Quantum Chemistry, and General Theory

885

Coupled Thermal and Electromagnetic Induced Decomposition in the Molecular Explosive α HMX: A Reactive Molecular Dynamics Study

Mitchell A. Wood, Adri C. T. van Duin, and Alejandro Strachan*

dx.doi.org/10.1021/jp406248m

dx.doi.org/10.1021/jp4119265

896

Computational Study of the Effect of Dispersion Interactions on the Thermochemistry of Aggregation of Fused Polycyclic Aromatic Hydrocarbons as Model Asphaltene Compounds in Solution

Leonardo Moreira da Costa, Stanislav R. Stoyanov, Sergey Gusalov, Peter R. Seidl, José Walkimar de M. Carneiro,* and Andriy Kovalenko*

dx.doi.org/10.1021/jp408005h

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909

Electron Inelastic Mean Free Path Theory and Density Functional Theory Resolving Discrepancies for Low-Energy Electrons in Copper

C. T. Chantler* and J. D. Bourke

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915

Silver and Cesium Diffusion Dynamics at the β -SiC $\Sigma 5$ Grain Boundary Investigated with Density Functional Theory Molecular Dynamics and Metadynamics

Jeremy Rabone,* Eddie López-Honorato, and Paul Van Uffelen

(S) Supporting Information available via online article

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927

Elucidating the 3d Electronic Configuration in Manganese Phthalocyanine

Iulia Emilia Brumboiu, Roberta Totani, Monica de Simone, Marcello Coreno, Cesare Grazioli, Luca Lozzi, Heike C. Herper, Biplab Sanyal, Olle Eriksson, Carla Puglia, and Barbara Brena*

dx.doi.org/10.1021/jp4100747

933

Topological Hückel–London–Pople–McWeeny Ring Currents and Bond Currents in *altan*-Corannulene and *altan*-Coronene

Timothy K. Dickens* and Roger B. Mallion

dx.doi.org/10.1021/jp411524k

940

Two-Photon Circular Dichroism of an Axially Dissymmetric Diphosphine Ligand with Strong Intramolecular Charge Transfer

Carlos Díaz, Lorenzo Echevarría, Antonio Rizzo, and Florencio E. Hernández*

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947

Single Electron Pnicogen Bonded Complexes

Ibon Alkorta,* Jose Elguero, and Mohammad Solimannejad

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