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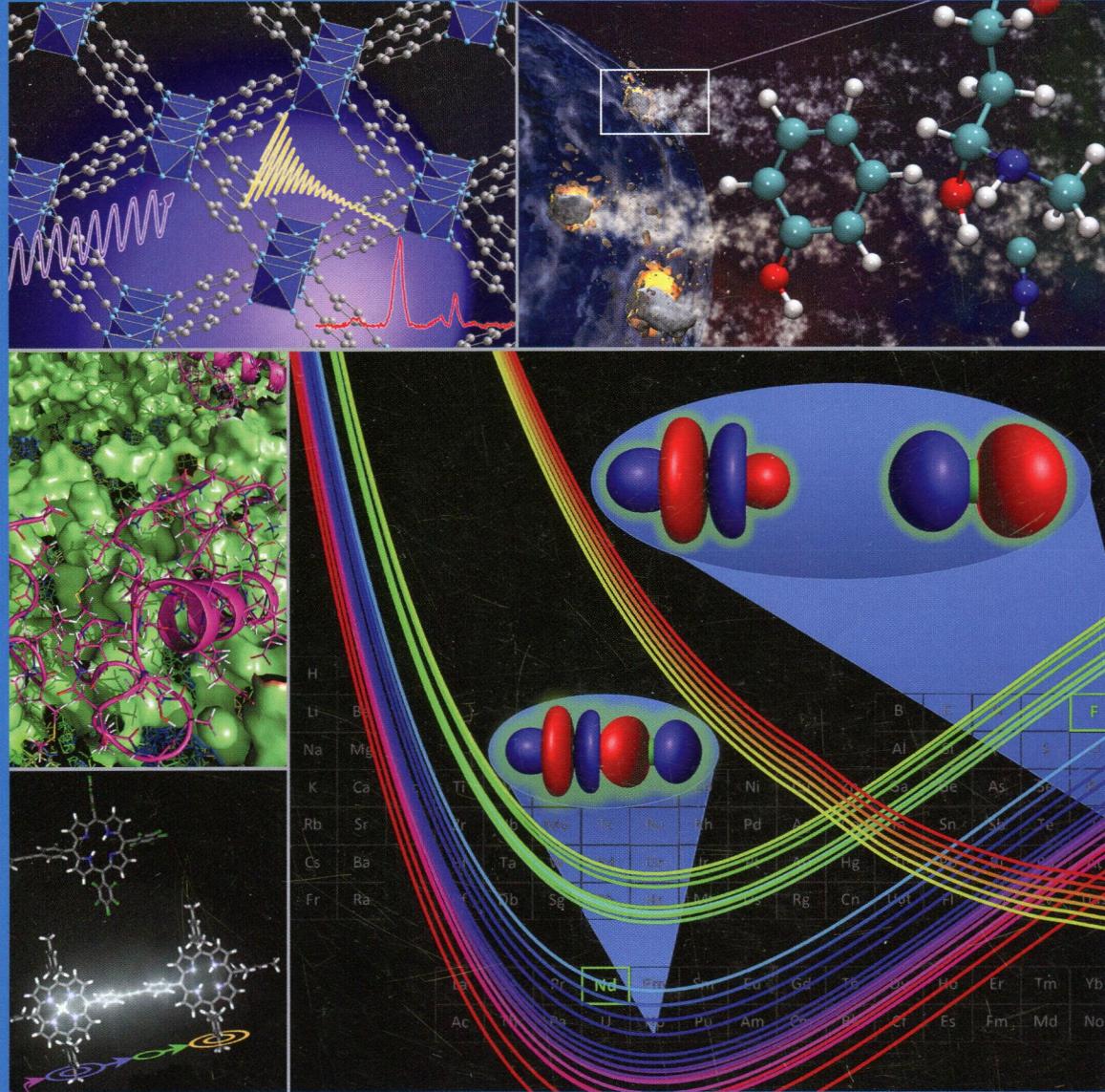
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**ISOLATED MOLECULES, CLUSTERS, RADICALS, AND IONS; ENVIRONMENTAL CHEMISTRY,
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ON THE COVER: Collage of cover art from recent issues of *J. Phys. Chem.* Top Left: ^{17}O Solid-State NMR Spectra Provide 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 Nd^{2+} (*J. Phys. Chem. A* 2013, 117 (42), 10881–10888).

Articles

Kinetics and Dynamics

1541

[dx.doi.org/10.1021/jp410750c](https://doi.org/10.1021/jp410750c)

Experimental and ab Initio Investigations of H_2S -Assisted Propane Oxidative Dehydrogenation Reactions

Zahra A. Premji, John M. H. Lo,* and Peter D. Clark

1557



[dx.doi.org/10.1021/jp501310z](https://doi.org/10.1021/jp501310z)

A Computational Chemistry Investigation of the Mechanism of the Water-Assisted Decomposition of Trichloroethylene Oxide

Jinqing Huang, Chi Shun Yeung, Jian Ma, Emma R. Gayner, and David Lee Phillips*

Spectroscopy, Photochemistry, and Excited States

1568



[dx.doi.org/10.1021/jp404967f](https://doi.org/10.1021/jp404967f)

Behavior of Heptavalent Technetium in Sulfuric Acid under α -Irradiation: Structural Determination of Technetium Sulfate Complexes by X-ray Absorption Spectroscopy and First Principles Calculations

I. Denden, F. Poineau, M. L. Schlegel, J. Roques, P. Lorenzo Solari, G. Blain, K. R. Czerwinski, R. Essehli, J. Barbet, and M. Fattahi*

1576



[dx.doi.org/10.1021/jp412132y](https://doi.org/10.1021/jp412132y)

8-HaloBODIPYs and Their 8-(C, N, O, S) Substituted Analogues: Solvent Dependent UV–Vis Spectroscopy, Variable Temperature NMR, Crystal Structure Determination, and Quantum Chemical Calculations

Noël Boens,* Lina Wang, Volker Leen, Peijia Yuan, Bram Verbelen, Wim Dehaen, Mark Van der Auweraer, Wim D. De Borggraeve, Luc Van Meervelt, Jeroen Jacobs, David Beljonne, Claire Tonnelé, Roberto Lazzaroni, Maria J. Ruedas-Rama, Angel Orte, Luis Crovetto, Eva M. Talavera, and Jose M. Alvarez-Pez*

1595

[dx.doi.org/10.1021/jp4123562](https://doi.org/10.1021/jp4123562)

Carbon Nanooops: Excited Singlet and Triplet Behavior of [9]- and [12]-Cyclopaphenylene

Douglas A. Hines, Evan R. Darzi, Ramesh Jasti, and Prashant V. Kamat*

1601

[dx.doi.org/10.1021/jp500284r](https://doi.org/10.1021/jp500284r)

Near-Edge X-ray Absorption Fine Structure Spectra and Site-Selective Dissociation of Phenol
Yi-Shiu Lin, Kun-Ta Lu, Yuan T. Lee, Chien-Ming Tseng, Chi-Kung Ni, and Chen-Lin Liu*

1610

[dx.doi.org/10.1021/jp500312r](https://doi.org/10.1021/jp500312r)

Rotational Spectroscopic Studies of C—H···F Interactions in the Vinyl Fluoride···Difluoromethane Complex
Cori L. Christenholz, Daniel A. Obenchain, Rebecca A. Peebles, and Sean A. Peebles*

1617

[dx.doi.org/10.1021/jp500947q](https://doi.org/10.1021/jp500947q)

Anomalous Trapped Exciton and d-f Emission in Sr₄Al₁₄O₂₅:Eu²⁺
Danuta Dutczak, Cees Ronda, Thomas Jüstel, and Andries Meijerink*

Environmental and Atmospheric Chemistry, Aerosol Processes, Geochemistry, and Astrochemistry

1622

[dx.doi.org/10.1021/jp4107603](https://doi.org/10.1021/jp4107603)

On Rates and Mechanisms of OH and O₃ Reactions with Isoprene-Derived Hydroxy Nitrates
Lance Lee, Alex P. Teng, Paul O. Wennberg, John D. Crounse,* and Ronald C. Cohen*

1638

[dx.doi.org/10.1021/jp500263h](https://doi.org/10.1021/jp500263h)

Nonchromophoric Organic Matter Suppresses Polycyclic Aromatic Hydrocarbon Photolysis in Ice and at Ice Surfaces
Philip P. A. Malley and Tara F. Kahan*

Molecular Structure, Quantum Chemistry, and General Theory

1644

[dx.doi.org/10.1021/jp4121047](https://doi.org/10.1021/jp4121047)

Ozone Dissociation to Oxygen Affected by Criegee Intermediate
Wen-mei Wei, Ren-hui Zheng,* Yue-li Pan, Yun-kai Wu, Fan Yang, and Shi Hong

1651

[dx.doi.org/10.1021/jp410917x](https://doi.org/10.1021/jp410917x)

Benzene–Hydrogen Bond (C₆H₆–HX) Interactions: The Influence of the X Nature on their Strength and Anisotropy
M. Albertí,* A. Aguilar, F. Huarte-Larrañaga, J. M. Lucas, and F. Pirani

1663

[dx.doi.org/10.1021/jp4111376](https://doi.org/10.1021/jp4111376)

Following the Molecular Mechanism for the NH₃ + LiH → LiNH₂ + H₂ Chemical Reaction: A Study Based on the Joint Use of the Quantum Theory of Atoms in Molecules (QTAIM) and Noncovalent Interaction (NCI) Index
Juan Andrés,* Sławomir Berski, Julia Contreras-García, and Patricio González-Navarrete

1673

[dx.doi.org/10.1021/jp411194m](https://doi.org/10.1021/jp411194m)

Assessment of Ring Current Models for Monocycles
Guglielmo Monaco* and Riccardo Zanasi

1684

S

[dx.doi.org/10.1021/jp411403w](https://doi.org/10.1021/jp411403w)**Gas Phase Conformations of Selenocysteine and Related Ions: A Comprehensive Theoretical Study**

Lingbiao Meng,* Weidong Wu, and Jicheng Zhang

1697

S

[dx.doi.org/10.1021/jp4115699](https://doi.org/10.1021/jp4115699)**A Molecular Electrostatic Potential Analysis of Hydrogen, Halogen, and Dihydrogen Bonds**

Neetha Mohan and Cherumuttathu H. Suresh*

1706

S

[dx.doi.org/10.1021/jp4121854](https://doi.org/10.1021/jp4121854)**At What Chain Length Do Unbranched Alkanes Prefer Folded Conformations?**

Jason N. Byrd,* Rodney J. Bartlett, and John A. Montgomery Jr.

1713

S

[dx.doi.org/10.1021/jp4124666](https://doi.org/10.1021/jp4124666)**High-Pressure Studies of Bi₂S₃**

Ilias Efthimiopoulos, Jason Kemichick, X. Zhou, Sanjay V. Khare, Daijo Ikuta, and Yuejian Wang*

1721

S

[dx.doi.org/10.1021/jp4127732](https://doi.org/10.1021/jp4127732)**Dimers of Perhaloacetyl Cyanides: CCIF₂C(O)OC(CN)₂CCIF₂ and CF₃C(O)OC(CN)₂CF₃. Preparation, Properties, and Spectroscopy**

Luis A. Ramos, Sonia E. Ulic, Rosana M. Romano, Helmut Beckers, Helge Willner, Maofa Ge, Shengrui Tong, and Carlos O. Della Védova*

1730

S

[dx.doi.org/10.1021/jp500131z](https://doi.org/10.1021/jp500131z)**Hydrogen–Hydrogen Bonds in Highly Branched Alkanes and in Alkane Complexes: A DFT, ab initio, QTAIM, and ELF Study**

Norberto K. V. Monteiro and Caio L. Firme*

1741

S

[dx.doi.org/10.1021/jp500236c](https://doi.org/10.1021/jp500236c)**How Does LCDFT Compare to SAC-CI for the Treatment of Valence and Rydberg Excited States of Organic Compounds?**

Mojtaba Alipour*

1748

S

[dx.doi.org/10.1021/jp5007632](https://doi.org/10.1021/jp5007632)**Conformational Analysis and Intramolecular Interactions of L-Proline Methyl Ester and Its N-Acetylated Derivative through Spectroscopic and Theoretical Studies**

Carolyne B. Braga, Lucas C. Ducati, Cláudio F. Tormena, and Roberto Rittner*