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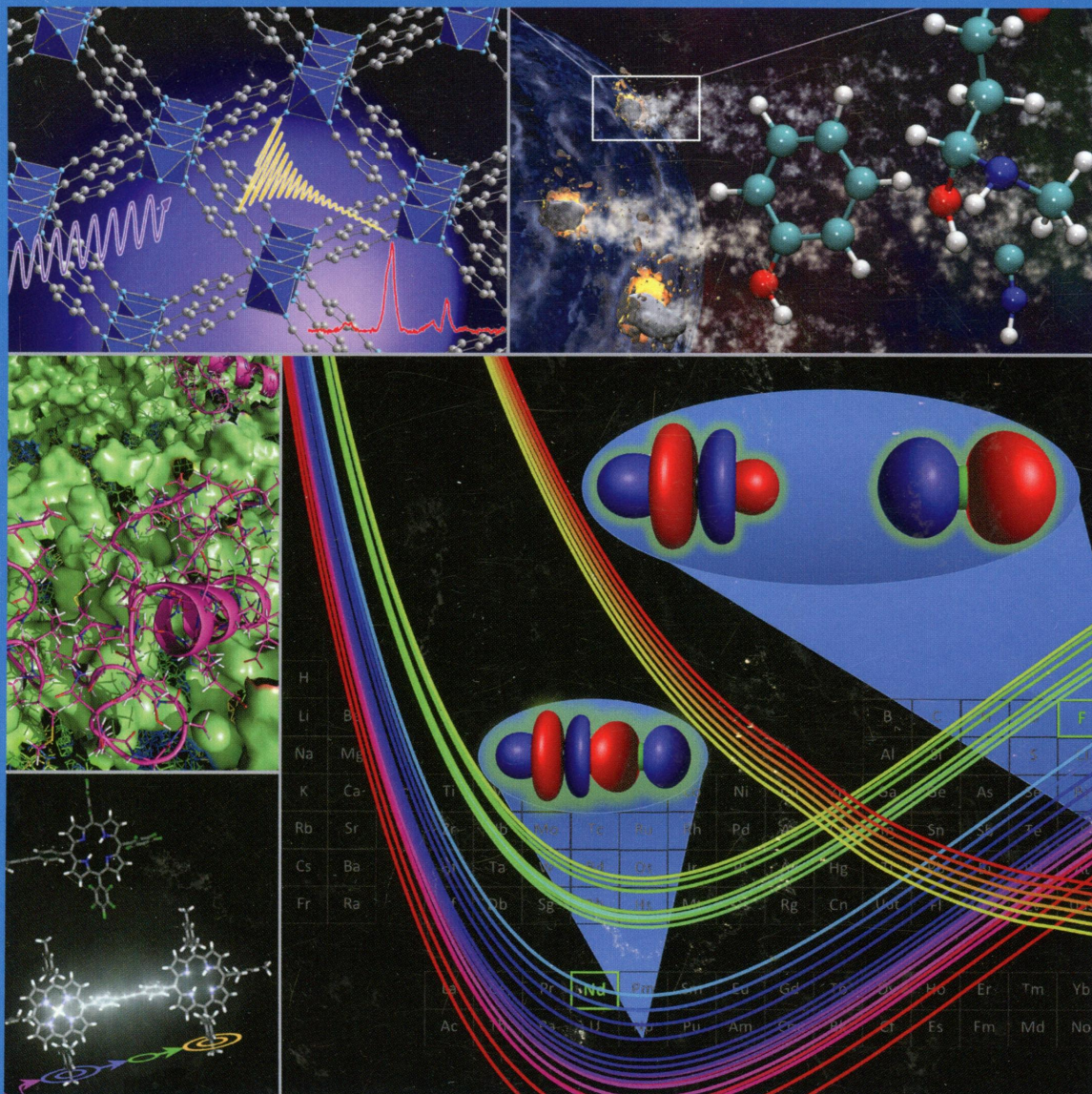
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ON THE COVER: Collage of cover art from recent issues of *J. Phys. Chem.* Top Left: ^{17}O Solid-State NMR Spectra Provide Signatures of Various Oxygen Species in Metal-Organic Frameworks (*J. Phys. Chem. C* **2013**, *117* (33), 16953–16960). Center 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

3039

[dx.doi.org/10.1021/jp501636r](https://doi.org/10.1021/jp501636r)

Trends in Bond Dissociation Energies of Alcohols and Aldehydes Computed with Multireference Averaged Coupled-Pair Functional Theory

Victor B. Oyeyemi, John A. Keith, and Emily A. Carter*

Spectroscopy, Photochemistry, and Excited States

3051

[dx.doi.org/10.1021/jp411660e](https://doi.org/10.1021/jp411660e)

Investigation of the Electronic Structures of Organolanthanide Sandwich Complex Anions by Photoelectron Spectroscopy: 4f Orbital Contribution in the Metal–Ligand Interaction

Natsuki Hosoya, Keizo Yada, Tomohide Masuda, Erika Nakajo, Satoshi Yabushita, and Atsushi Nakajima*

3061

[dx.doi.org/10.1021/jp411879j](https://doi.org/10.1021/jp411879j)

Blue-Violet Photoluminescence of 4-Isopropyl-pyridine Hydroxide Crystals

Evgenia Vaganova,* Ellen Wachtel, Gregory Leitus, David Danovich, Inna Popov, Faina Dubnikova, and Shlomo Yitzchaik*

3068

[dx.doi.org/10.1021/jp412334x](https://doi.org/10.1021/jp412334x)

7-Hydroxyflavone Revisited: Spectral, Acid–Base Properties, and Interplay of the Protolytic Forms in the Ground and Excited States


Illia E. Serdiuk, Andrii S. Varenikov, and Alexander D. Roshal*

3081

[dx.doi.org/10.1021/jp500760t](https://doi.org/10.1021/jp500760t)

Dielectric Properties of Ethanol and Gasoline Mixtures by Terahertz Spectroscopy and an Effective Method for Determination of Ethanol Content of Gasoline

Enis Arik, Hakan Altan, and Okan Esenturk*

3090  [dx.doi.org/10.1021/jp501612f](https://doi.org/10.1021/jp501612f)

Excited-State Intramolecular Hydrogen Transfer (ESIHT) of 1,8-Dihydroxy-9,10-anthraquinone (DHAQ) Characterized by Ultrafast Electronic and Vibrational Spectroscopy and Computational Modeling
Omar F. Mohammed, Dequan Xiao, Victor S. Batista, and Erik T. J. Nibbering*

3100  [dx.doi.org/10.1021/jp501700t](https://doi.org/10.1021/jp501700t)

Excitation of Biomolecules with Incoherent Light: Quantum Yield for the Photoisomerization of Model Retinal
T. V. Tscherbul* and P. Brumer

3112  [dx.doi.org/10.1021/jp5018554](https://doi.org/10.1021/jp5018554)

Resonance IR: A Coherent Multidimensional Analogue of Resonance Raman
Erin S. Boyle, Nathan A. Neff-Mallon, Jonathan D. Handali, and John C. Wright*

3120  [dx.doi.org/10.1021/jp502212n](https://doi.org/10.1021/jp502212n)

Microwave Spectrum and Intramolecular Hydrogen Bonding of 2-Isocyanoethanol ($\text{HOCH}_2\text{CH}_2\text{N}\equiv\text{C}$)
Harald Møllendal,* Svein Samdal, and Jean-Claude Guillemin

3128 [dx.doi.org/10.1021/jp502445d](https://doi.org/10.1021/jp502445d)

Valence Shell Photoelectron Spectroscopy of Pyrene and Fluorene: Photon Energy Dependence in the Far-Ultraviolet Region
Preeti Manjari Mishra, Lorenzo Avaldi, Paola Bolognesi, Kevin C. Prince, Robert Richter, and Umesh R. Kadhane*

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

3136  [dx.doi.org/10.1021/jp412820z](https://doi.org/10.1021/jp412820z)

Structures and Stabilities of $(\text{MgO})_n$ Nanoclusters
Mingyang Chen, Andrew R. Felmy, and David A. Dixon*





Molecular Structure, Quantum Chemistry, and General Theory

3147  [dx.doi.org/10.1021/jp412590g](https://doi.org/10.1021/jp412590g)

Thermochemical Properties and Bond Dissociation Enthalpies of 3- to 5-Member Ring Cyclic Ether Hydroperoxides, Alcohols, and Peroxy Radicals: Cyclic Ether Radical + $^3\text{O}_2$ Reaction Thermochemistry
Itsaso Auzmendi-Murua and Joseph W. Bozzelli*

3168  [dx.doi.org/10.1021/jp502375r](https://doi.org/10.1021/jp502375r)

Structure and Property Investigations of TDO in Aqueous Phase by Density Functional Theory, UV Absorption, and Raman Spectroscopy
Jianzhong Shao, Xiaoyun Liu, Pin Chen, Qiuxia Wu, Xuming Zheng, and Kemei Pei*

- 3175  [dx.doi.org/10.1021/jp5005506](https://doi.org/10.1021/jp5005506)
Double-Hybrid Density Functionals Free of Dispersion and Counterpoise Corrections for Non-Covalent Interactions
Feng Yu*
- 3183  [dx.doi.org/10.1021/jp501449v](https://doi.org/10.1021/jp501449v)
Effects of Charge and Substituent on the S \cdots N Chalcogen Bond
Upendra Adhikari and Steve Scheiner*
- 3193  [dx.doi.org/10.1021/jp5015302](https://doi.org/10.1021/jp5015302)
Cooperativity of Halogen, Chalcogen, and Pnictogen Bonds in Infinite Molecular Chains by Electronic Structure Theory
Janine George, Volker L. Deringer, and Richard Dronskowski*
- 3201  [dx.doi.org/10.1021/jp501740p](https://doi.org/10.1021/jp501740p)
State-Dependent Global and Local Electrophilicity of the Aryl Cations
Sergey V. Bondarchuk* and Boris F. Minaev