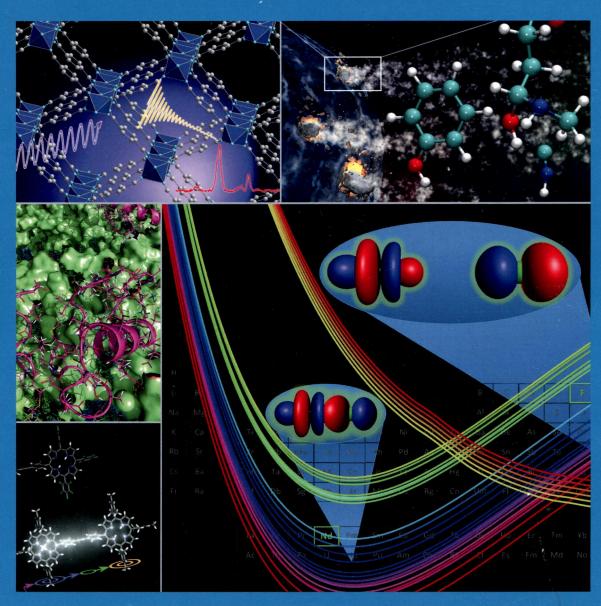
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ISOLATED MOLECULES, CLUSTERS, RADICALS, AND IONS; ENVIRONMENTAL CHEMISTRY, GEOCHEMISTRY, AND ASTROCHEMISTRY; THEORY





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ON THE COVER: Collage of cover art from recent issues of J. Phys. Chem. Top Left: ¹⁷O 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 NdF²⁺ (J. Phys. Chem. A 2013, 117 (42), 10881–10888).

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