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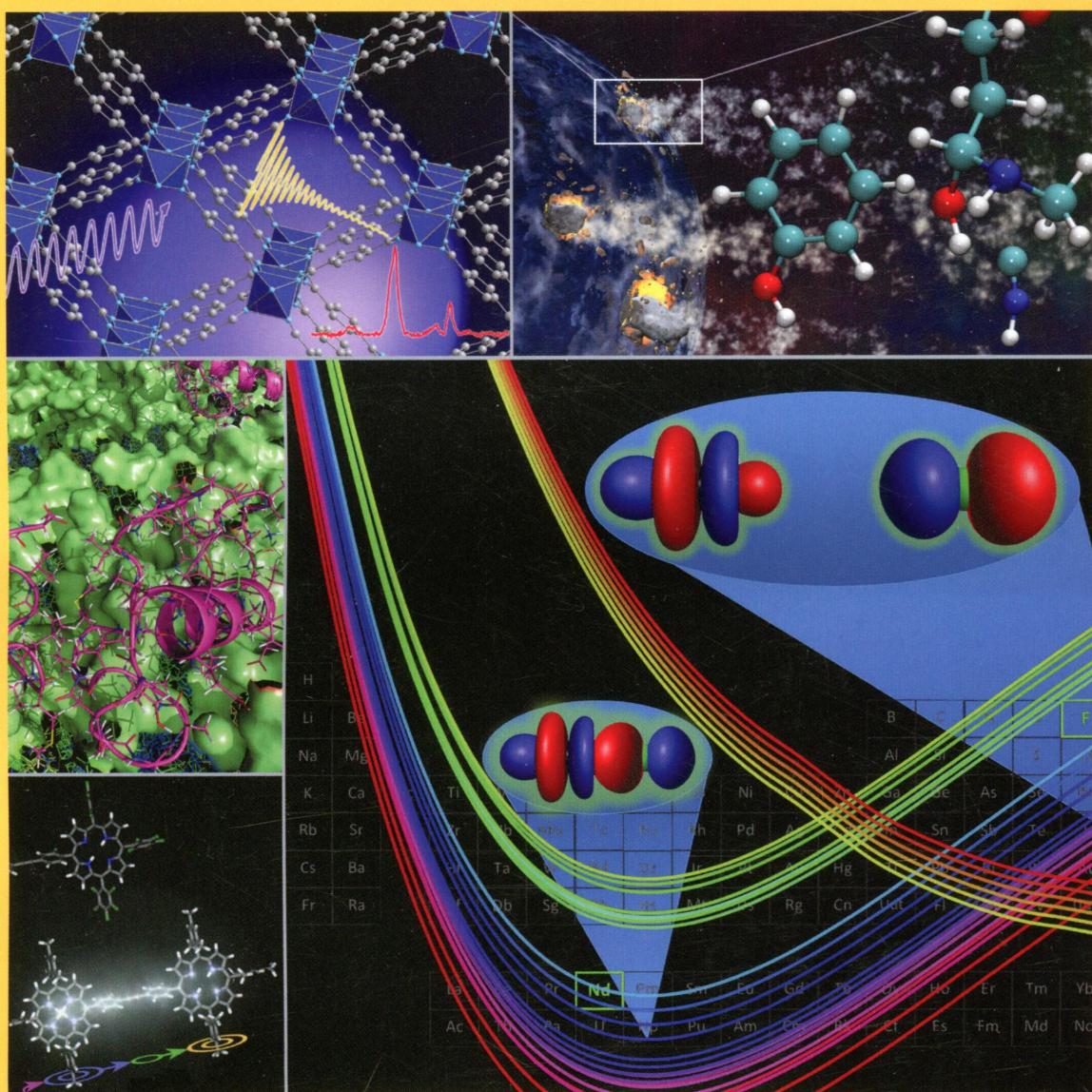
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B



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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).

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6049  [dx.doi.org/10.1021/jp500825x](https://doi.org/10.1021/jp500825x)

Picosecond-Resolved Fluorescent Probes at Functionally Distinct Tryptophans within a Thermophilic Alcohol Dehydrogenase: Relationship of Temperature-Dependent Changes in Fluorescence to Catalysis

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6062  [dx.doi.org/10.1021/jp501298c](https://doi.org/10.1021/jp501298c)

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6071  [dx.doi.org/10.1021/jp501547r](https://doi.org/10.1021/jp501547r)

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6086 [dx.doi.org/10.1021/jp501735p](https://doi.org/10.1021/jp501735p)


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6092 [dx.doi.org/10.1021/jp5019795](https://doi.org/10.1021/jp5019795)


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6250 [dx.doi.org/10.1021/jp5034257](https://doi.org/10.1021/jp5034257)

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6256  [dx.doi.org/10.1021/jp504267h](https://doi.org/10.1021/jp504267h)

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