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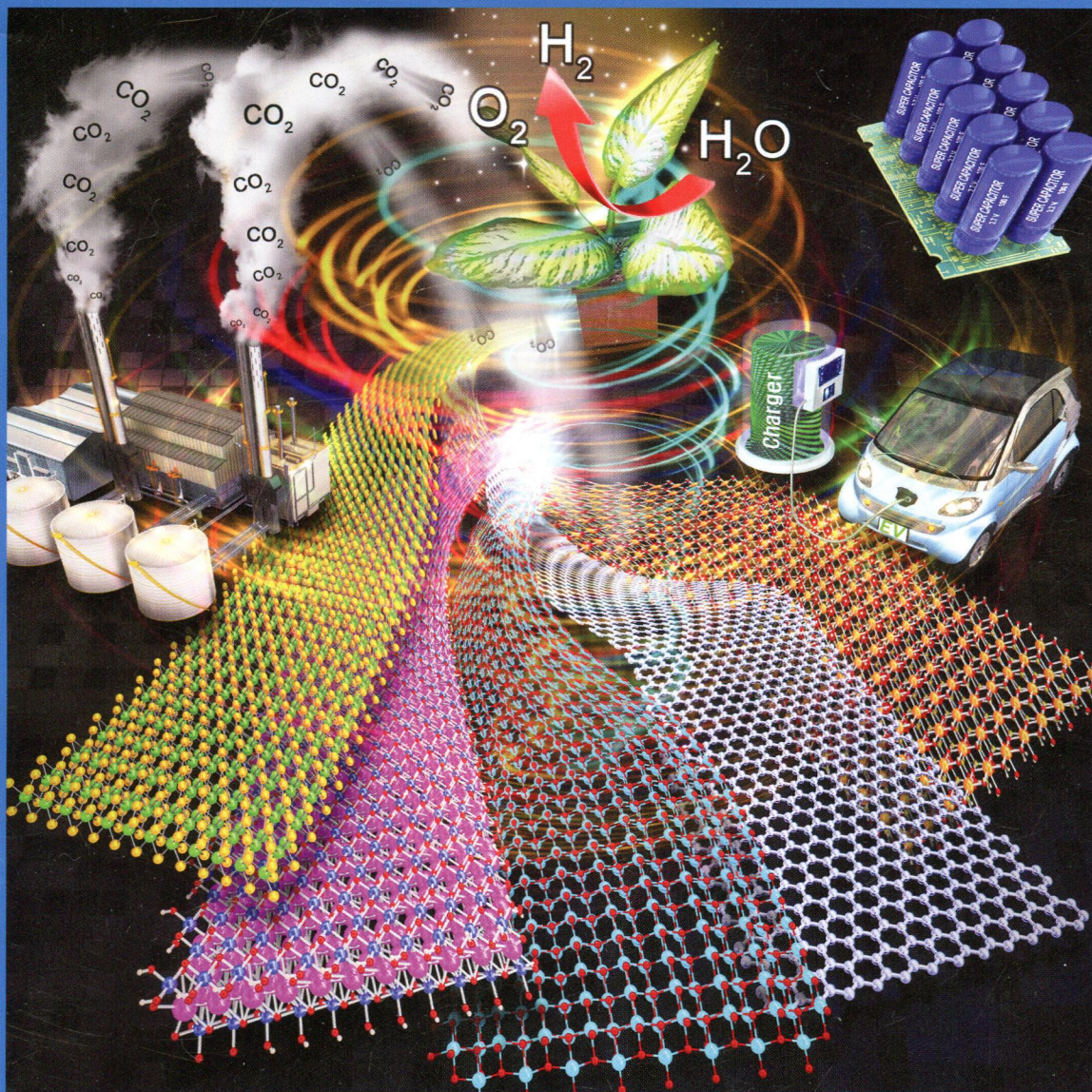
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# THE JOURNAL OF PHYSICAL CHEMISTRY

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Exploration of  
Inorganic  
Nanosheet-Based  
Hybrid Materials  
for Energy and  
Environmental  
Technologies  
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ENERGY CONVERSION AND STORAGE, OPTICAL AND ELECTRONIC DEVICES,  
INTERFACES, NANOMATERIALS, AND HARD MATTER



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**ON THE COVER:** Exploration of inorganic nanosheet-based hybrid materials for energy and environmental technologies. See page 3847.

## Feature Article

3847 [dx.doi.org/10.1021/jp410626y](https://doi.org/10.1021/jp410626y)

**Exploration of Nanostructured Functional Materials Based on Hybridization of Inorganic 2D Nanosheets**

Jayavant L. Gunjakar, In Young Kim, Jang Mee Lee, Yun Kyung Jo, and Seong-Ju Hwang\*

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3878 [dx.doi.org/10.1021/jp4088095](https://doi.org/10.1021/jp4088095)

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3890 [dx.doi.org/10.1021/jp408979h](https://doi.org/10.1021/jp408979h)







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### Ligand and Solvation Effects on the Structural and Electronic Properties of Small Gold Clusters

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Tibor Szilvási and Adam Gali\*

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[dx.doi.org/10.1021/jp410457z](https://doi.org/10.1021/jp410457z)

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Elia Grueso,\* Pilar Perez-Tejeda, Rafael Prado-Gotor, and Consuelo Cerrillos

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