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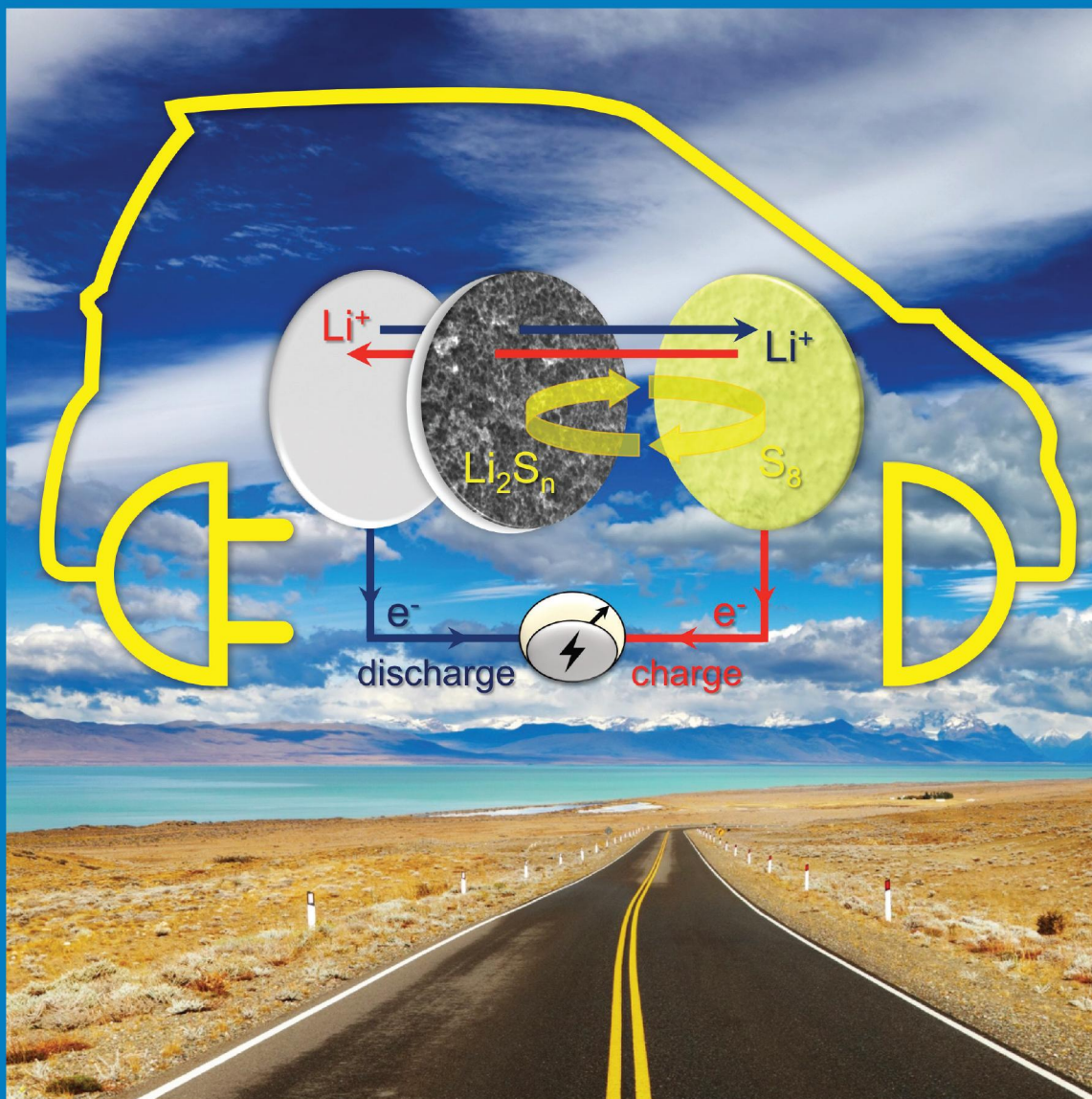
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# THE JOURNAL OF PHYSICAL CHEMISTRY

C

Advanced  
Lithium–Sulfur Batteries  
with Mesoporous  
Carbon Interlayers as  
Polysulfide Reservoir  
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**79. Chromogenic Homo-Dinuclear Ruthenium(II) Monolayer as a Tunable Molecular Memory Module for Multibit Information Storage**

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**81. Comprehensive Study of Thermal Transport and Coherent Acoustic-Phonon Wave Propagation in Thin Metal Film-Substrate by Applying Picosecond Laser Pump-Probe Method**

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- 84. Energetic Stability of Absorbed H in Pd and Pt Nanoparticles in a More Realistic Environment**  
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- 85. Photoreduction of 4-Nitrobenzenethiol on Au by Hot Electrons Plasmonically Generated from Ag Nanoparticles: Gap-Mode Surface-Enhanced Raman Scattering Observation**  
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- 86. Enhancement of the Yield of Photoinduced Charge Separation in Zinc Porphyrin-Quantum Dot Complexes by a Bis(dithiocarbamate) Linkage**  
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- 87. One-Dimensional Molecular Crystal of Phthalocyanine Confined into Single-Walled Carbon Nanotubes**  
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- 89. Study of ZnSnO<sub>3</sub>-Nanowire Piezophotocatalyst Using Two-Step Hydrothermal Synthesis**  
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