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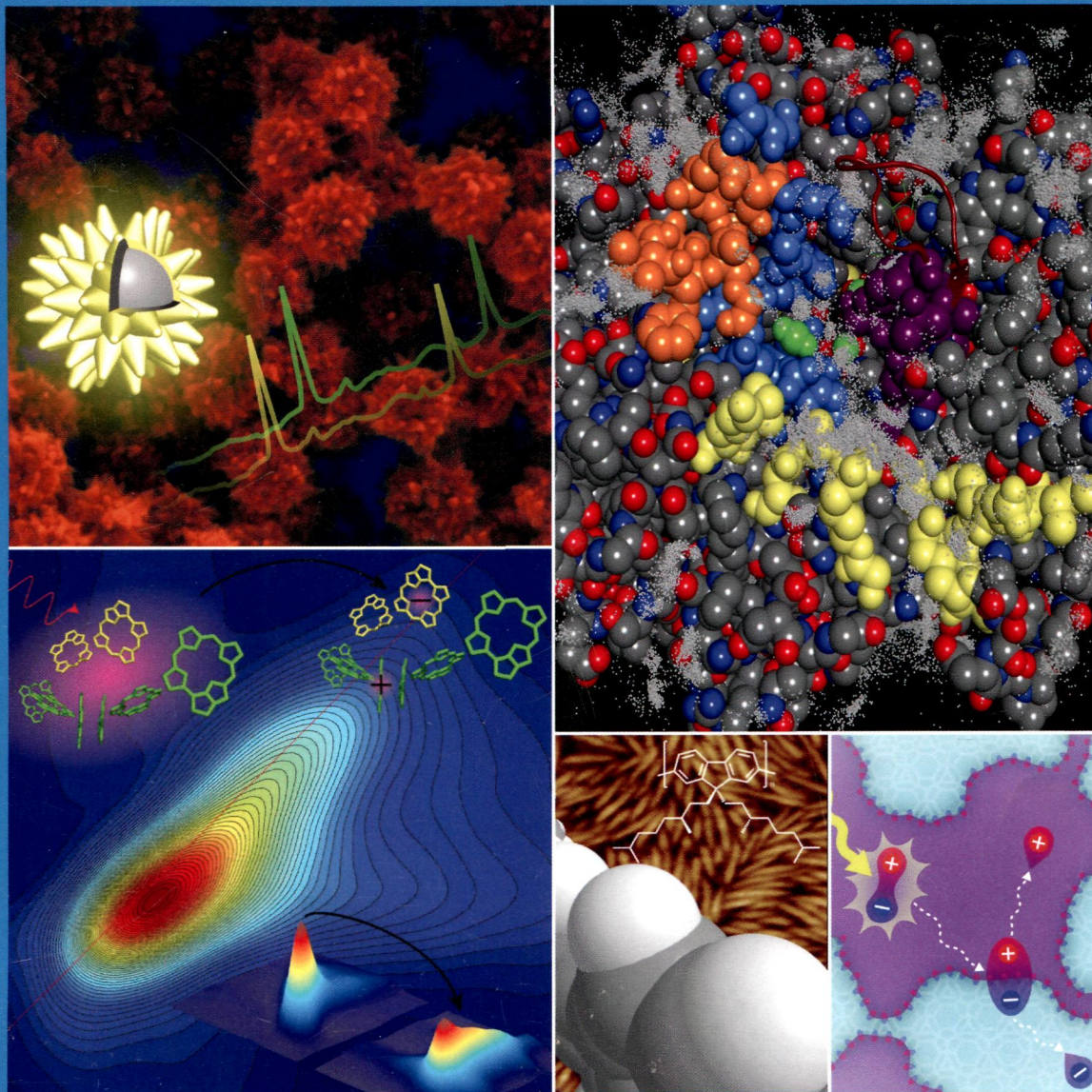
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**ENERGY CONVERSION AND STORAGE, OPTICAL AND ELECTRONIC DEVICES,
INTERFACES, NANOMATERIALS, AND HARD MATTER**



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ON THE COVER: Collage of cover art from recent issues of *J. Phys. Chem.* Top left: Enhanced scattering properties of gold nanoshells covered with sharp rods (*J. Phys. Chem. C* **2012**, *116* (18), 10318–10324). Top right: Molecular dynamics simulations of protein–carbon dioxide interactions (*J. Phys. Chem. B* **2012**, *116* (38), 11578–11593). Bottom left: 2D electronic spectroscopy revealing primary energy and charge-transfer processes in photosynthesis (*J. Phys. Chem. Lett.* **2012**, *3* (4), 503–510). Bottom center: Optical activity of chiral polyfluorene: in between liquid crystal and molecular exciton behavior (*J. Phys. Chem. A* **2012**, *116* (4), 1121–1128). Bottom right: Photogeneration and exciton dissociation controlled by a dipolar layer at internal organic interfaces (*J. Phys. Chem. Lett.* **2012**, *3* (9), 1214–1221).

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[dx.doi.org/10.1021/jp308271b](https://doi.org/10.1021/jp308271b)

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4374 dx.doi.org/10.1021/jp3113733

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4383 dx.doi.org/10.1021/jp311552g

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4421 dx.doi.org/10.1021/jp3119633

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4431 dx.doi.org/10.1021/jp400153m

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4441 dx.doi.org/10.1021/jp400381h

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4470 dx.doi.org/10.1021/jp309625f

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