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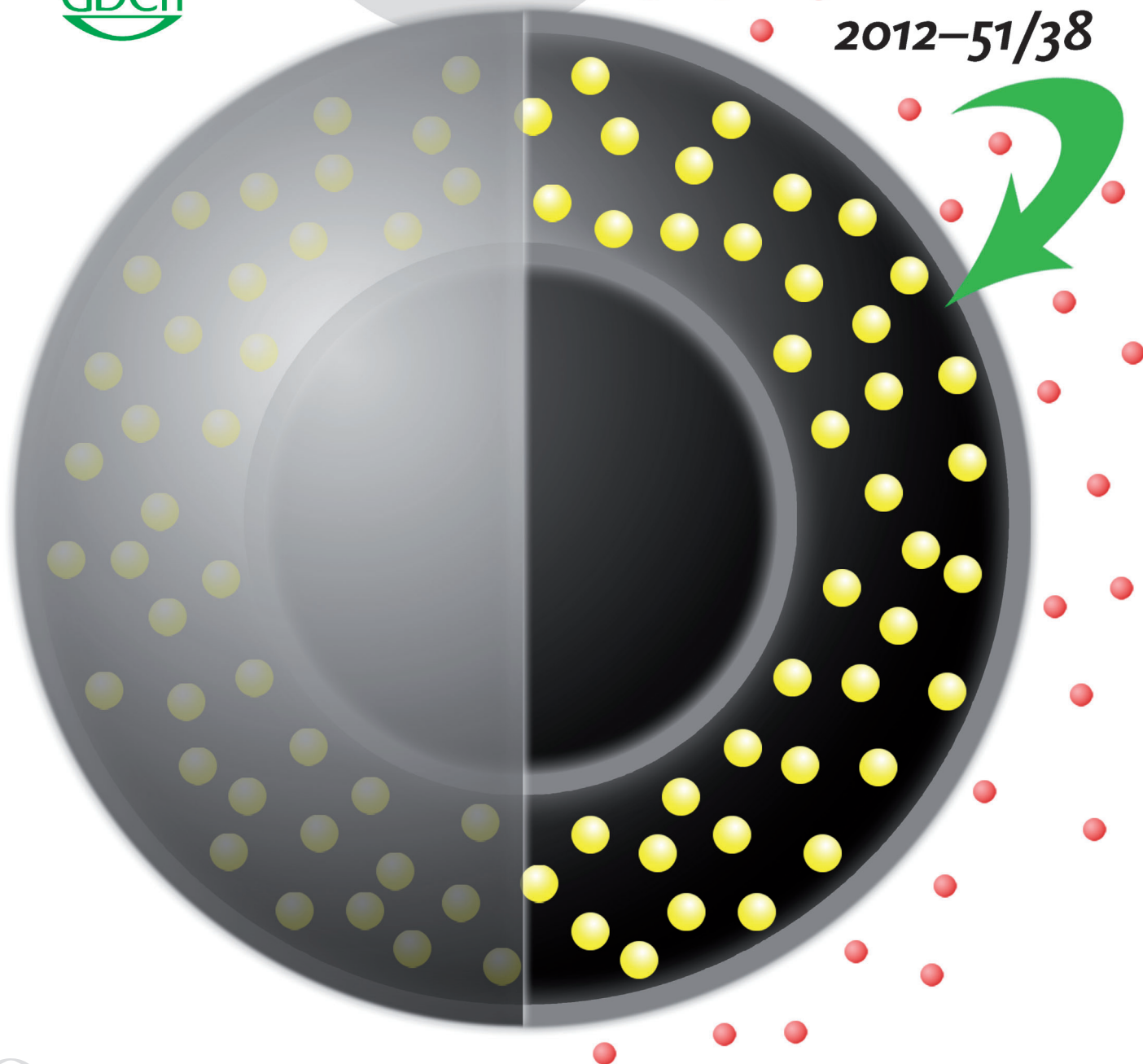
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Double-shelled “soft” carbon spheres ...

... have been synthesized to encapsulate sulfur in a nanocomposite with high surface area and porosity, as described by X. W. Lou et al. in their Communication on page 9592 ff. The superior cycling performance and rate capability of the carbon–sulfur nanocomposite can be attributed to efficient electronic/ionic transport, enhanced confinement of sulfur/polysulfides, and structural stability, making it an ideal cathode for Li/S batteries.

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