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Thermodynamics of Lithium Storage

Review by J. Maier

Toxicology of Graphene

Minireview by A. Bianco

Gas Separation by Polymer Membranes

Highlight by G. Maier

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The benzene dimer has an asymmetric T-shaped equilibrium structure but exhibits the rotational spectrum of a symmetric top with a rich substructure. In their experimental and theoretical study on [page 5180 ff.](#), A. Schnell, A. van der Avoird, and co-workers show that this substructure arises from a concerted sixfold rotation tunneling of the unit in the stem and tilt tunneling of the unit in the cap. The unexpected symmetric-top spectrum results from nearly free rotation of the cap.