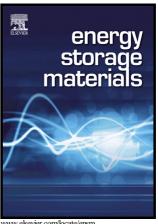
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Novel Hierarchical Ball-in-Ball Structured Nitrogen-Doped Carbon Microspheres as High Performance Anode for

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Sodium-Ion Batteries

Abstract:

Microspheres with ball-in-ball (yolk@void@shell) structure have attracted much attention in energy storage materials. However, current fabrication technologies mainly rely on utilizing silica as templates with HF acid etching or hydrothermal method to fabricate the ball-in-ball structural microspheres, and an additional step (KOH activation) is adopted to generate porous structure. Apparently, it cannot meet the demand for large-scale industrial production, on account of potential explosive

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