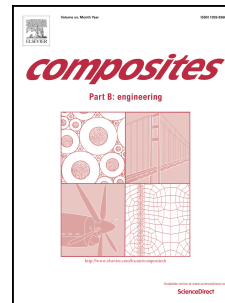


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Biomediated Green Synthesis of TiO₂ Nanoparticles for Lithium Ion Battery Application

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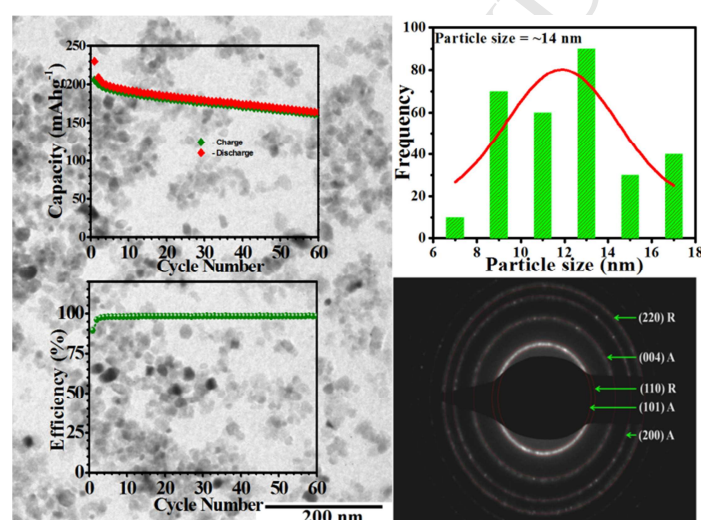
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TiO₂ nanoparticles prepared using simple and economic biosynthesis approach were used as anode in Li-ion battery and the electrochemical performance evaluated in half-cell configuration (Li/Bio-TiO₂) between 1 - 3 V at current density 33 mA g⁻¹ exhibited high reversible capacity (164 mA g⁻¹) and capacity retention (98%) after 60 cycles.



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