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Hydrothermal Synthesis of Red Phosphorus @Reduced Graphene Oxide Nanohybrid with Enhanced Electrochemical Performance as Anode Material of Lithium-ion Battery

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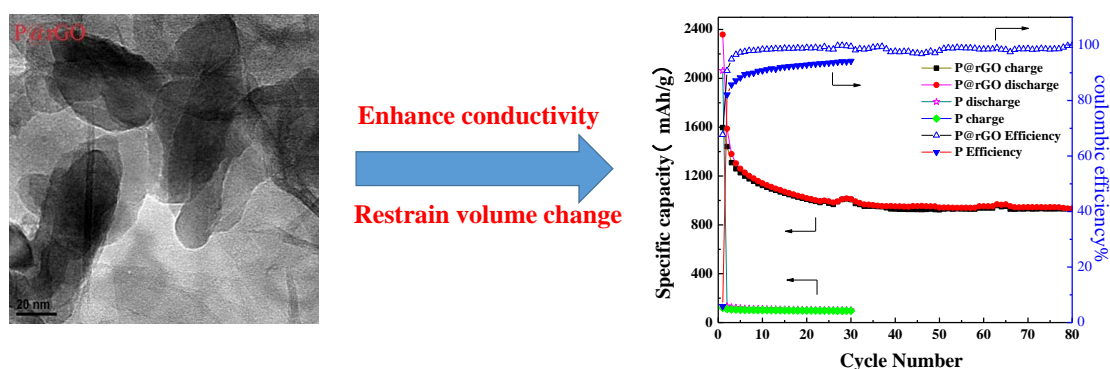
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Graphical Abstract



Comparing with pure red phosphorus, red phosphorus @reduced graphene oxide nanohybrid (P@rGO) fabricated by hydro-thermal method shows preferable electrical properties. Reduced graphene oxide contributes to the enhancement conductivity and the remission of the volume change.

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