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Recycling of Ni-Cd Batteries by Selective Isolation and Hydrothermal Synthesis of Porous NiO Nanocuboid

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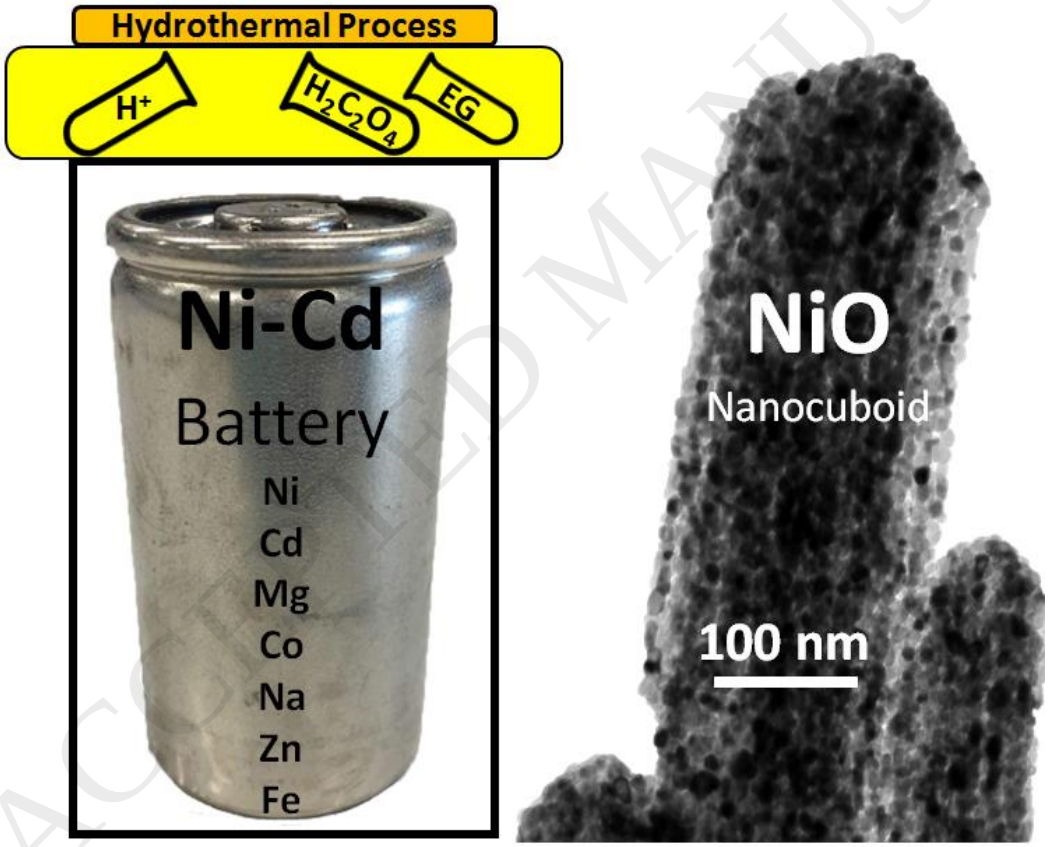
Graphical abstract



Abstract

Recycling batteries has become essential for improving sustainability, economy and environment. Batteries recycling and recovery processes are multi steps and require purified reagents which are often very toxic. Herein, we report a feasible approach to process scrap Ni-