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Molten salt synthesis of hierarchical porous N-doped carbon submicrospheres for multifunctional applications: High performance supercapacitor, dye removal and CO₂ capture

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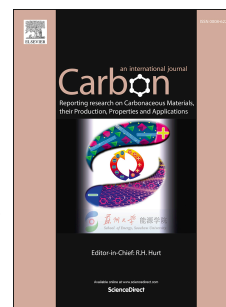
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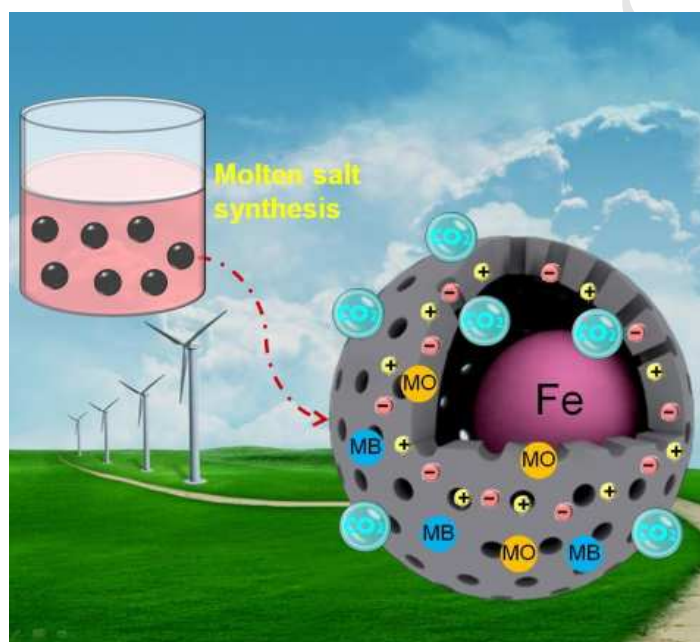


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“Molten salt synthesis of hierarchical porous N-doped carbon submicrospheres for multifunctional applications: high performance supercapacitor, dye removal and CO₂ capture” authored by Junyi Li, Liang Tian, Feng Liang *, Junkai Wang, Lei Han, Jun Zhang, Shengtao Ge, Longhao Dong, Haijun Zhang*, Shaowei Zhang



Hierarchical porous N-doped carbon submicrospheres (HPNCs) are synthesized by a facile molten salt method. The as-prepared HPNCs not only exhibit high supercapacitance performance, but also possess ultrahigh adsorption performances for chemical dyes and CO₂.

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