

CO₂ turned into a nitrogen doped carbon catalyst for fuel cells and metal-air battery applications

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Design rules for environmental biodegradability of phenylalanine alkyl ester linked ionic liquids

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On the way to greener ionic liquids : identification of a fully mineralizable phenylalanine-based ionic liquid

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Supporting critical raw material circularity – upcycling graphite from waste LIBs to Zn–air batteries

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Synthesis of a series of amino acid derived ionic liquids and tertiary amines : green chemistry metrics including microbial toxicity and preliminary biodegradation data analysis

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Synthesis, self-assembly, bacterial and fungal toxicity, and preliminary biodegradation studies of a series of l-phenylalanine-derived surface-active ionic liquids

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