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Advances in the one-step synthesis of 2D and 3D sulfide materials grown by pulsed laser deposition assisted by a sulfur thermal cracker

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Characterising local environments in high energy density Li-ion battery cathodes: A combined NMR and first principles study of LiFe_{0.9}Co_{0.1}xPO₄

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A comparative study of the growth dynamics and tribological properties of nanocrystalline diamondfilms deposited on the (110) single crystal diamond and Si(100) substrates

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Copper–zinc oxide heterojunction catalysts exhibiting enhanced photocatalytic activity prepared by a hybrid deposition method

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Cu₂ZnSnS₄ monograin layer solar cells for flexible photovoltaic applications

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CVD nanocrystalline multilayer graphene coated 3D-printed alumina lattices

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Cyclohexanohemicucurbit[8]uril inclusion complexes with heterocycles and selective extraction of sulfur compounds from water

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De novo 3D structure determination from sub-milligram protein samples by solid-state 100 kHz MAS NMR spectroscopy

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