

TOWARDS THE INTERACTION BETWEEN SINGLE-MOLECULE MAGNETS AND MODIFIED GRAPHENE

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Abstract

Tuning the properties of single-molecule magnets (SMMs) through interaction with magnetic materials is a challenging feat that could generate extremely interesting products with enhanced magnetic properties. Such interaction can be potentially achieved using metallic magnetic nanoparticles, but non-metallic graphene-based materials represent a newer and exciting way to influence the properties of SMMs.

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