

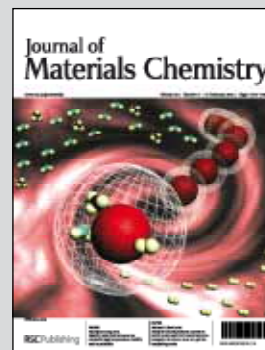
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**Research highlight from the MPI-NIMS International Joint Lab: Takashi Nakanishi, Max Planck Institute of Colloids and Interfaces, Potsdam and National Institute for Materials Science, Tsukuba.**

**Title: Superstructures and superhydrophobic property in hierarchical organized architectures of fullerenes bearing long alkyl tails**

Directing a self-organization of molecules in the scope of nano/micro-space is one of the research frontiers that are rapidly advancing. A series of fullerene-C60 derivatives bearing various long alkyl tails have been developed to construct hierarchically self-organized architectures. These structured materials resemble the structures of leaf surfaces and exhibit excellent superhydrophobic properties.

**As featured in:**



See Takashi Nakanishi *et al.*, *J. Mater. Chem.*, 2010, **20**, 1253.

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