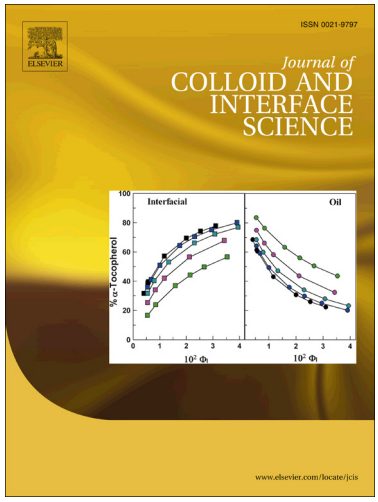

Facile preparation of super durable superhydrophobic materials

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Facile preparation of super durable superhydrophobic materials

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Abstract

The low stability, complicated and expensive fabrication procedures seriously hinder practical applications of superhydrophobic materials. Here we report an extremely simple method for preparing super durable superhydrophobic materials, *e.g.*, textiles and sponges, by dip coating in fluoropolymers (FPs). The morphology, surface