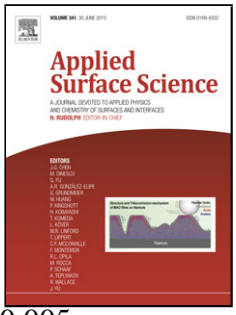

Title: The durability of superhydrophobic films

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1. Heat treatment of a superhydrophobic film at 200 °C for 24 h induces Si–OH networks.
2. Electric field aging of a superhydrophobic film induces hydroxyl chains.
3. More SiO_2 groups than $OSi(CH_3)_3$ groups were removed during water impact test.
4. Molecular simulations of a superhydrophobic film approximate XPS' analysis.