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Template-dependent hydrophobicity in mesoporous organosilica films

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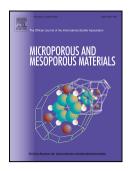
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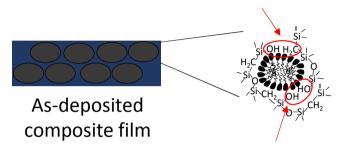


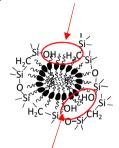
Ionic template

Self-hydrophobization site

Non-ionic template

Self-hydrophobization blocked

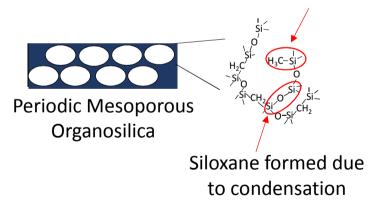


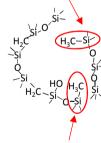


Condensation site

Condensation blocked

Self-hydrophobization following template removal





Self-hydrophobization instead of condensation

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