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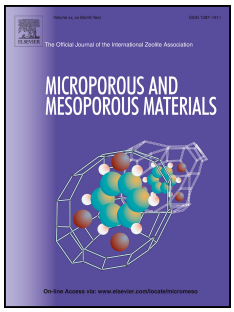

An efficient Titanium silicalite-1 catalyst for propylene epoxidation synthesized by a combination of aerosol-assisted hydrothermal synthesis and recrystallization

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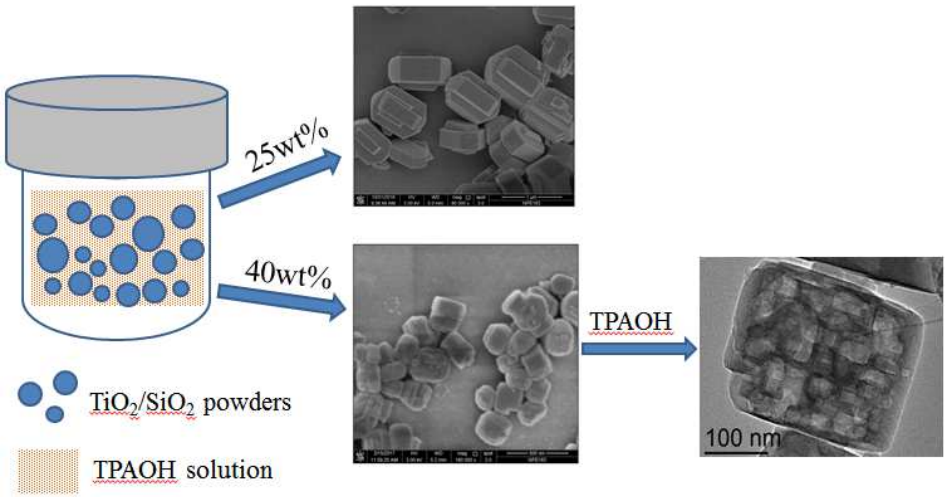

Titanium silicalite-1 with enhanced diffusion and catalytic properties was synthesized by the aerosol-assisted method and the following post-treatment of TPAOH solution.