


Supporting Information

Photocatalytic and Filtration Elimination of Methylene blue by Nanofibrous Polystyrene Membrane Containing TiO₂Nanotube

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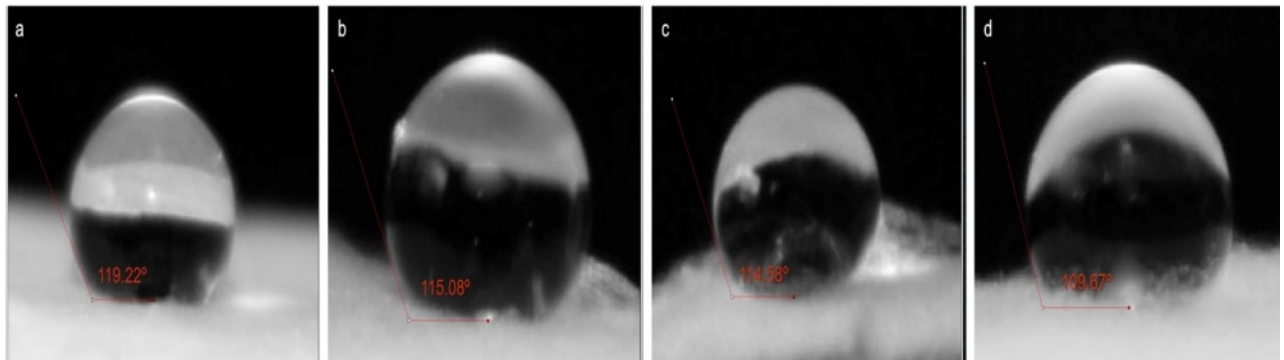
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Table1. Swelling test

| membrane number | W_s | W_d | ST |
|-----------------|-------|-------|--------|
| M1 | 0.033 | 0.014 | 135.71 |
| M2 | 0.028 | 0.013 | 115.38 |
| M3 | 0.04 | 0.019 | 110.52 |
| M4 | 0.1 | 0.06 | 66.66 |



FigureS1. Contact angle

Table1. PWF

| membrane number | PWF at 0bar pressure | pwf at 0bar after one pressure period 0.5bar | PWF at 0.5bar pressure |
|-----------------|----------------------|--|------------------------|
| M1 | 3502.8 | 0 | 168120 |
| M2 | 471.95 | 0 | 31795.2 |
| M3 | 0 | 457.82 | 29700 |
| M4 | 0 | 428.92 | 27727.2 |

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