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One-step sol-gel preparation of ultralow-refractive-index porous coatings with mulberry-like hollow silica nanostructures

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# ACCEPTED MANUSCRIPT

### One-step sol-gel preparation of ultralow-refractive-index porous coatings with

## mulberry-like hollow silica nanostructures

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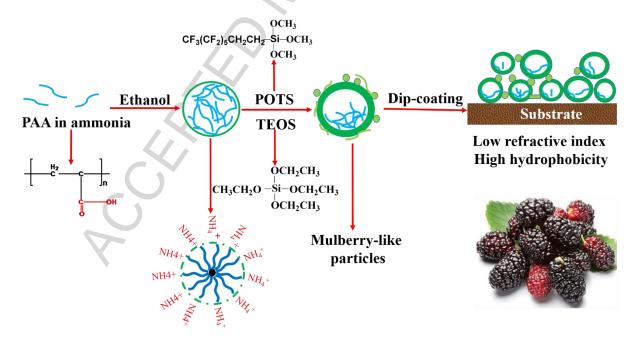
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#### **Diagrammatic Abstract**



**Abstract:** Nowadays, intense research efforts are directed nowadays towards the development of novel preparation high-quality ultralow-refractive-index coatings. Herein, we report a facile

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