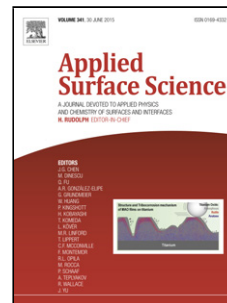


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Fabrication of hierarchical polymer surfaces with superhydrophobicity by injection molding from nature and function-oriented design

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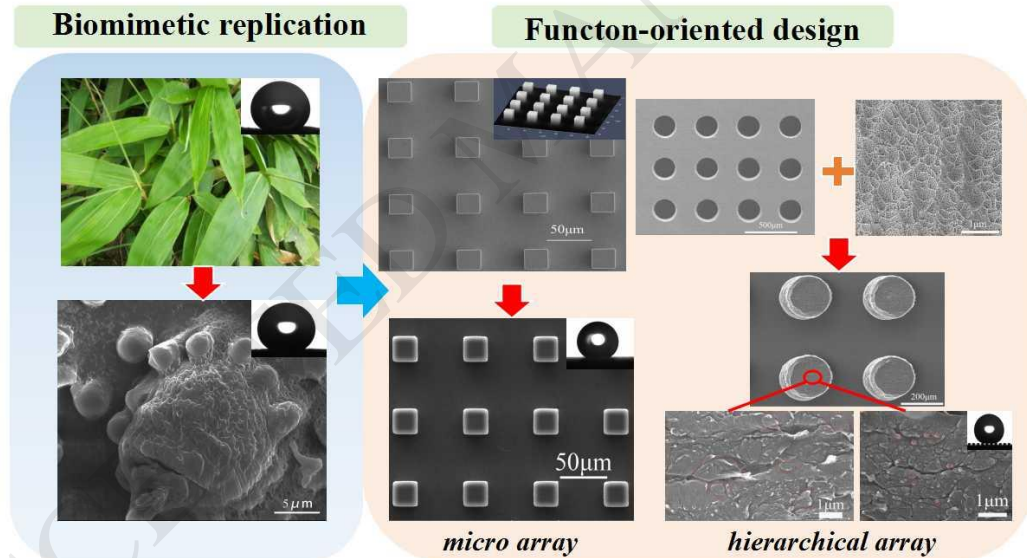
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Graphical Abstract



Highlights:

- A comparison of process and wettability characteristics was presented for injection molded superhydrophobic polypropylene surfaces from two fabricating strategies.
- The biomimetic fabrication of indocalamus-leaf-like PP surfaces was practicable with comparable wetting behaviors to indocalamus leaf surfaces from nature.

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