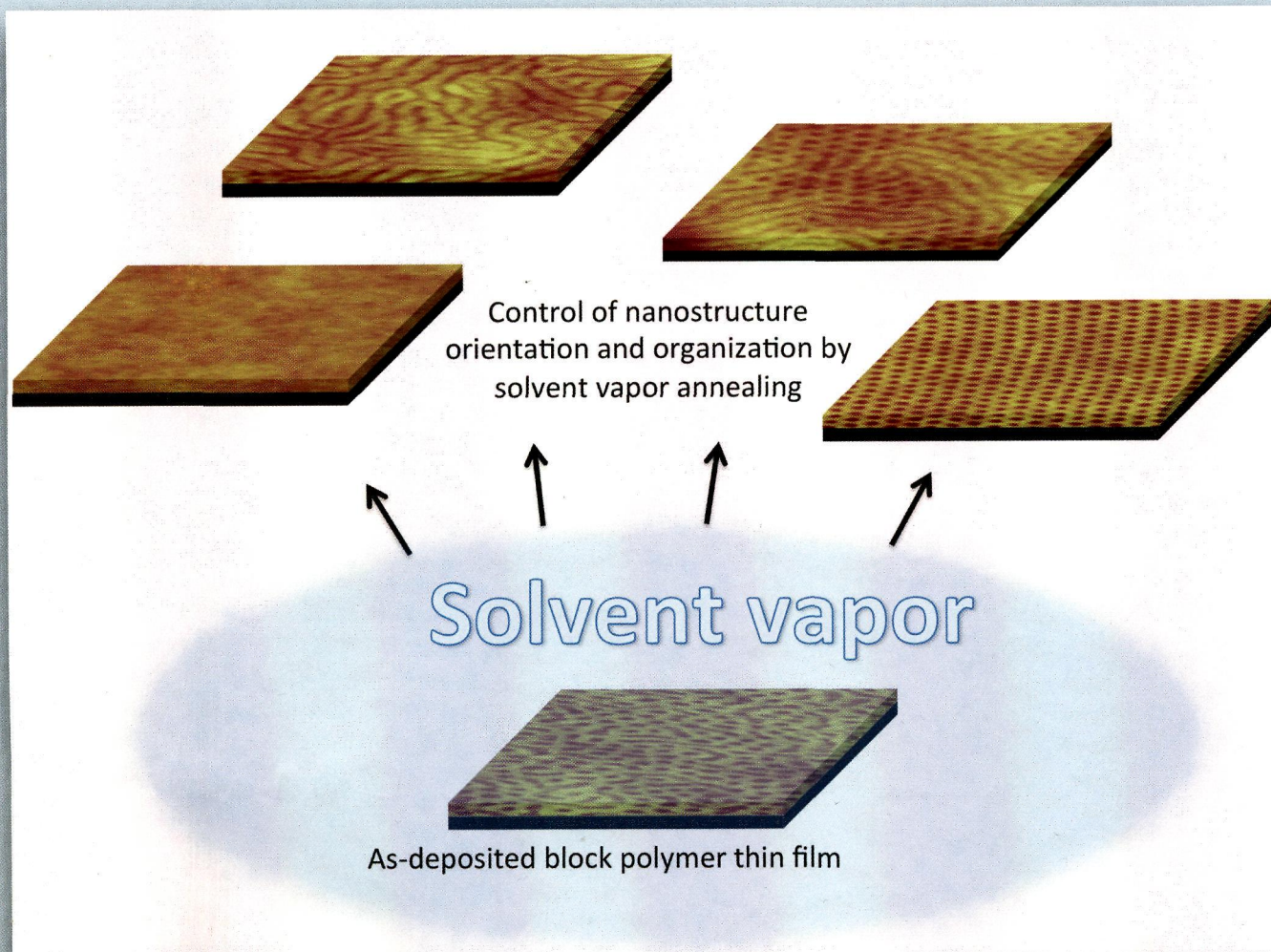


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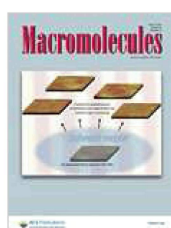
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In solvent vapor annealing (SVA), as deposited block polymer thin films (bottom part of the cover) are exposed to vapors of one or more solvents at temperatures typically well below the bulk glass transition temperature of both blocks to form a swollen and mobile polymer film atop the substrate. On subsequent solvent evaporation, the polymer chains can form more organized nanostructures (upper part of the cover). Despite its widespread use and proven capability to produce controlled morphologies with long range-order, a comprehensive understanding of the phenomena involved in SVA has not been firmly established. See page 5399.

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Solvent Vapor Annealing of Block Polymer Thin Films

Christophe Sinturel, Marylène Vayer, Michael Morris, and Marc A. Hillmyer

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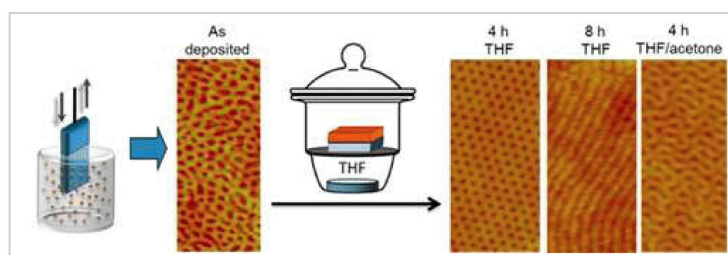


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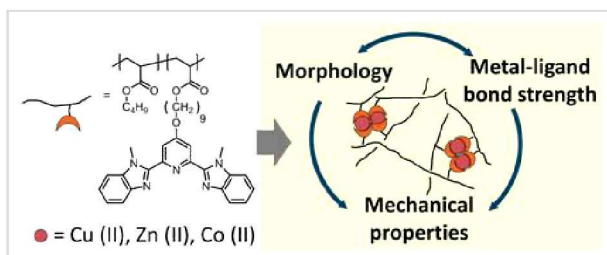


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