Cover picture

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The cover picture shows micropatterns of silica that were generated by a combination of surface-initiated polymerization and microcontact printing. A synthetic counterpart to naturally occurring silica-forming peptides (silaffins in diatoms) was utilized to generate the patterns. The SEM image of a diatom, Stephanopyxis turris, was kindly provided by Prof. Manfred Sumper (University of Regensburg, Germany), and the cover picture was designed by Sung Ho Yang. For more information, please read the Full Paper “Biomimetic Micropatterning of Silica by Surface-Initiated Polymerization and Microcontact Printing” by I. S. Choi and co-workers on page 992 ff.