The porous deposit of candle soot can be used as a template for a super oil- and water-repellent coating. The soot is coated with a thin silica shell to form a replica and is then removed by calcination. The silica is treated with a fluorosilane, yielding a transparent, stable coating. This cheap and easily upscalable approach may inspire the design of anti-fingerprint coatings, which are desirable for touchscreens or glasses. See page 67.

Photo illustration: Bricelyn Strauch and Yana Hammond/Science; candle image: Fotosearch
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53 The Technology Path to Deep Greenhouse Gas Emissions Cuts by 2050: The Pivotal Role of Electricity J. H. Williams et al.
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A virus prolongs the activity of a host transcription factor to promote expression of viral genes.

RESEARCH ARTICLE: Incoherent Feedforward Control Governs Adaptation of Activated Ras in a Euakaryotic Chemotaxis Pathway
K. Takeda et al.
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RESEARCH ARTICLE: Vaccine Vectors Derived from a Large Collection of Simian Adenoviruses Induce Potent Cellular Immunity Across Multiple Species
S. Colloca et al.
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E. Barnes et al.
An adenoviral HCV vaccine induces antiviral T cell responses in human volunteers.

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Y. H. Chanthary et al.
PI3K/NIOR inhibitors inhibit angiogenesis by blocking MYCN-dependent paracrine signaling between tumor and endothelial cells.

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