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COVER
Saturn and its rings as seen by the Cassini orbiter. Saturn’s rings contain innumerable chunks of water ice polluted by material of varying color and composition. The massive B ring (bottom) and the tenuous C ring (closest to the planet) are dominated by unexplained structure. Saturn’s yellowish appearance signifies a deep cloud layer beneath seasonal haze. See pages 1470 and 1476.

Image: NASA/JPL/CICLOPS

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Unicellular Cyanobacterial Distributions Broaden the Oceanic N₂ Fixation Domain
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Nitrogen fixation in the South Pacific Ocean is partitioned among several microbe species with distinct ecophysiologies.
A Critical Role for α₄βδ GABA Receptors in Shaping Learning Deficits at Puberty in Mice
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Learning incapacity observed during puberty is related to receptor location in the hippocampus.
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A structured photonic crystal can be used to cloak an object at optical wavelengths and over a wide viewing angle.
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Three-Dimensional Invisibility Cloak at Optical Wavelengths
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Variation in Transcription Factor Binding Among Humans
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An appreciable amount of variation in chromatin status and transcription factor binding has a genetic basis.
10.1126/science.1183621
Heritable Individual-Specific and Allele-Specific Chromatin Signatures in Humans
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Congratulations to the Editor-in-Chief of SCIENCE, Janet Rossant, for her election to the presidency of the National Academy of Sciences.

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