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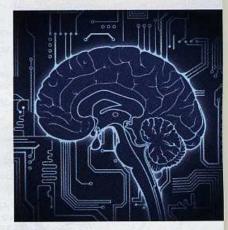
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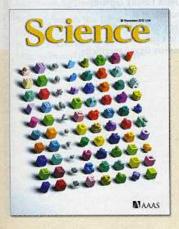
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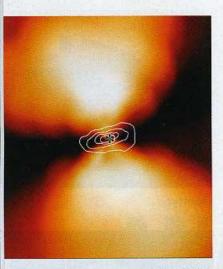
COVER

Computer-generated models of three-dimensional nanostructures that were self-assembled from synthetic DNA strands called DNA bricks. A master collection defines a 1000-voxel "molecular canvas" with a 25-nanometer edge. By selecting subsets of bricks, Ke *et al.* constructed a panel of 102 distinct shapes with sophisticated surface features and intricate interior cavities and tunnels. These nanostructures may find applications ranging from biomedicine to nanoelectronics. See page 1177.

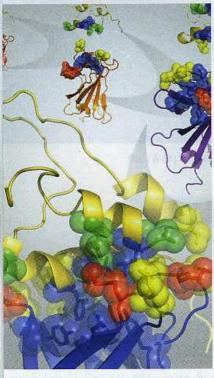
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Self-Assembled from DNA Bricks
Y. Ke et al.
Stepwise assembly of 32-nucleotide DNA
"bricks" can create a wide variety of nanoscale objects.

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1183 A Reconciled Estimate of Ice-Sheet
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The mass balance of the polar ice sheets
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Gamma-ray spectra obtained with the Fermi
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1193 Superconducting Dome in a Gate-Tuned
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Liquid gating tunes the carrier density in molybdenum disulfide, revealing unconventional superconductivity.

1196 Formation of Regular Satellites from
Ancient Massive Rings in the Solar System
A. Crida and S. Charnoz
An analytical model suggests that the terrestrial
and giant planets in the solar system formed
moons through a similar process.

1199 Chemically and Geographically Distinct Solid-Phase Iron Pools in the Southern Ocean B. P. von der Heyden et al.

The distribution and composition of fine-grained marine iron particles vary strongly with location.

1202 A Large-Scale Model of the
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C. Eliasmith et al.
Two-and-a-half million model neurons
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and display fluid intelligence.
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1206 Copy Number Variation of Multiple Genes at Rhg1 Mediates Nematode Resistance in Soybean

D. E. Cook et al.

Resistance to a damaging disease of soybean is conferred by a cluster of linked genes present in multiple copies.

1209 An Exon Splice Enhancer Primes
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Parental genetic conflict may have exploited
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1214 Cytoplasmic ATP Hydrolysis Powers
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1217 Direct Observation of Stalled Fork
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M. Manosas et al.
Bacterial DNA replication machinery
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1220 Progenitor and Terminal Subsets
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M. A. Paley et al.
Chronic viral infections like HIV are kept
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1225 Body Cues, Not Facial Expressions,
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The body reveals what the face conceals.

1229 A Mutation in EGF Repeat-8 of Notch
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S. Yamamoto et al.
A genetic screen identifies an extracellular
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