

SPECIAL SECTION

Disease Prevention

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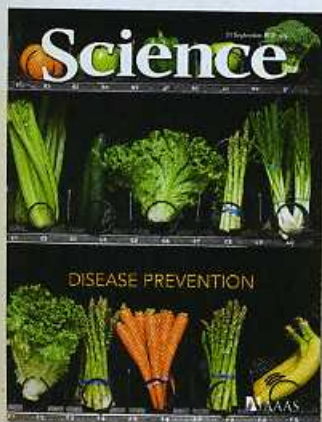
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COVER

A vending machine filled with healthy substitutes for highly processed foods. Affluence paved the way for technology and medicines to combat infection, but even well-off nations have communities that are increasingly plagued by noncommunicable diseases, including cancer, type 2 diabetes, and Alzheimer's disease. Addressing this huge prospective burden of long-term disease is a priority in the design of a new generation of preventative strategies, including healthier eating. See our special section beginning on page 1466.

Image: Mike Kemp/Getty Images

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- 1505 Neighborhood Effects on the Long-Term Well-Being of Low-Income Adults**
J. Ludwig et al.
 Moving from a poor to a less poor residential environment makes people feel good for a long time.
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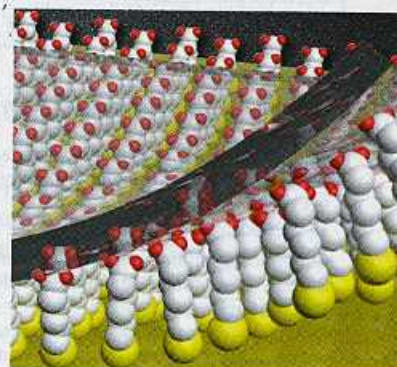
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 Data from the Kepler space telescope reveal two small planets orbiting a pair of two low-mass stars.
- 1514 Quantum-Enhanced Optical-Phase Tracking**
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 A quantum mechanical technique is developed to enhance the phase tracking of photons.
- 1517 Subtractive Patterning via Chemical Lift-Off Lithography**
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 Oxidized silicone-rubber stamps can pattern bare regions on gold surfaces by removing hydroxyl-terminated alkane thiols.
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- 1529 A Fully Size-Resolved Perspective on the Crystallization of Water Clusters**
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- 1532 Structural Basis for Microtubule Binding and Release by Dynein**
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 The molecular motor dynein uses conformational changes within its microtubule-binding domain to modulate track affinity.
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 The genes specifying tabby cat coat patterns also affect big cats, including king cheetahs.
- 1541 Loss of the Tumor Suppressor BAP1 Causes Myeloid Transformation**
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- 1546 Unicellular Cyanobacterium Symbiotic with a Single-Celled Eukaryotic Alga**
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 Interfering with memory formation at the right moment removes the signature of fear memories in human brain imaging studies.
- 1553 Acute Gastrointestinal Infection Induces Long-Lived Microbiota-Specific T Cell Responses**
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