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A vaccine that uses one virus to deliver
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that recognize noncanonical epitopes.
Research Article; for full text:
http://dx.doi.org/10.1126/science.1237874

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945 Annually Resolved Ice Core Records of Tropical Climate Variability over the Past ~1800 Years
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A record from the Quelccaya ice cap in Peru shows the variability of climate in the tropical Andes.

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950 An Accurate Geometric Distance to the Compact Binary SS Cygni Vindicates Accretion Disc Theory
J. C. A. Miller-Jones et al.
SS Cygni is much closer than previously thought, removing a major challenge to our understanding of accretion theory.

952 Taxel-Addressable Matrix of Vertical-Nanowire Piezotronic Transistors for Active and Adaptive Tactile Imaging
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An active, addressable pressure-sensitive device facilitates high-resolution tactile imaging.

957 Periodic Segregation of Solute Atoms in Fully Coherent Twin Boundaries
J. F. Nie et al.
Thermally driven ordering of solute atoms can lead to an unexpected strengthening of a metal alloy.

960 Separation of Hexane Isomers in a Metal-Organic Framework with Triangular Channels
Z. R. Herm et al.
A porous material shows preliminary promise for enhancing a separations process central to gasoline production.

964 Galvanic Replacement Reactions in Metal Oxide Nanocrystals
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Hollow mixed-metal oxide nanoparticles can be made by replacing the metal cations through redox reactions in solution.

968 The Cells and Circuitry for Itch Responses in Mice
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972 Changes in Taste Neurons Support the Emergence of an Adaptive Behavior in Cockroaches
A. Wada-Katsumata et al.
Some German cockroaches find glucose both sweet and bitter, which allows them to avoid baited traps.

976 Ribosomal Protein SA Haploinsufficiency in Humans with Isolated Congenital Asplenia
A. Bolze et al.
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978 Futile Protein Folding Cycles in the ER Are Terminated by the Unfolded Protein O-Mannosylation Pathway
C. Xu et al.
Proteins that fail to fold up properly after many tries are tagged with mannose and voted off the island.

981 Identification of a Heteromeric Complex That Promotes DNA Replication Origin Firing in Human Cells
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984 The Human Malaria Parasite Pfs47 Gene Mediates Evasion of the Mosquito Immune System
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987 Tetrahydrobiopterin Biosynthesis as an Off-Target of Sulfha Drugs
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991 Defining Single Molecular Forces Required to Activate Integrin and Notch Signaling
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