RESEARCH ARTICLE
710 A Draft Sequence of the Neandertal Genome
R. E. Green et al.
Gene flow has occurred from Neandertals to humans of Eurasian descent, but not to Africans.
>> News story p. 680; Report p. 723

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723 Targeted Investigation of the Neandertal Genome by Array-Based Sequence Capture
H. A. Burbano et al.
Array capture of Neandertal DNA identifies amino acid substitutions that occurred after the split between humans and Neandertals.
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725 Fermi Gamma-Ray Imaging of a Radio Galaxy
The Fermi-LAT Collaboration
Gamma rays from a radio galaxy are relic cosmic microwave background radiation that underwent inverse Compton scattering.

729 The Equation of State of a Low-Temperature Fermi Gas with Tunable Interactions
N. Navon et al.
A Fermi gas is characterized along the crossover regime between its weak and strongly interacting limits.

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D. Pires et al.
A molecular glass can be patterned to dimensions of tens of nanometers with a heated scanning probe tip.

736 Visualizing the Electron Scattering Force in Nanostructures
C. Tao et al.
effects of particular surface features on electron-induced atomic motion in metal structures are revealed.

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B. B. Korki and L. P. Stixrude
The behavior of the liquid mantle during Earth’s earliest stages was controlled by the viscosity of silicate melts.

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J. Duprat et al.
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>> Perspective p. 698; Science Podcast

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W. Dejnirattisai et al.
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J. D. Shields et al.
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S. Peleg et al.
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757 Sequential Checkpoints Govern Substrate Selection during Cotranslational Protein Targeting
X. Zhang et al.
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H.-K. Lee et al.
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