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905 Long-Lived Volcanism on the Lunar Farside Revealed by SELENE Terrain Camera
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909 Lunar Radar Sounder Observations of Subsurface Layers Under the Nearside Maria of the Moon
T. Ono et al.
A period of reduced volcanism may account for extensive regions of radar-reflective minerals that underlie some major lunar basalt flows.
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912 Equilibrium Iron Isotope Fractionation at Core-Mantle Boundary Conditions
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915 Skyrmion Lattice in a Chiral Magnet
S. Mühlbauer et al.
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919 Observation of Unconventional Quantum Spin Textures in Topological Insulators
D. Hsieh et al.
Spin imaging reveals an insulating state that results from the entanglement of a macroscopic number of spins.

923 Coherence Factors in a High-Τc Cuprate Probed by Quasi-Particle Scattering Off Vortices
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The momentum-dependent coherence factors in a high-temperature superconductor are revealed by introducing magnetic vortices.

926 Polydnnaviruses of Braconid Wasps Derive From an Ancestral Nudivirus
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934 The Hallucinogen N,N-Dimethyltryptamine (DMT) Is an Endogenous Sigma-1 Receptor Regulator
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An endogenous compound is a ligand for a ubiquitously expressed receptor that binds many synthetic drugs and has been implicated in psychiatric disease.

937 When Your Gain Is My Pain and Your Pain Is My Gain: Neural Correlates of Envy and Schadenfreude
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Envy is strongest against those with similar attributes, and the most joy is gained from the pain of those envied the most.
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940 A Neural Mechanism for Microsaccade Generation in the Primate Superior Colliculus
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943 An ABC Transporter Controls Export of a Drosophila Germ Cell Attractant
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946 The Orphan G Protein–Coupled Receptor 3 Modulates Amyloid-Beta Peptide Generation in Neurons
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951 Differences in Early Gesture Explain SES Disparities in Child Vocabulary Size at School Entry
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Editing the cell's NAD+ code

F. Koch-Nolte

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RESEARCH ARTICLE: Brx Mediates the Response of Lymphocytes to Osmotic Stress Through the Activation of NFATs

T. Kino et al.

The guanine nucleotide exchange factor Brx is essential for osmotic stress-mediated expression of nFAT5 in lymphocytes.

MEETING REPORT: Emerging Roles of NAD+ and Its Metabolites in Cell Signaling

F. Koch-Nolte et al.

Scientists discussed the molecular aspects of NAD+ metabolism and signaling at a conference in Hamburg, Germany.

NETWATCH: Simmune Project

Build models, run simulations, and explore the dynamics of signaling pathways; in Modeling Tools.

NETWATCH: American Physiological Society Archive

Browse or search an index of peer-reviewed science education materials; in Educator Sites.

SCIENCE CAREERS

www.sciencemag.org/career_magazine

Free Career Resources for Scientists

The Man Who Wasn’t There

B. L. Benderly

Discouraging Days for Job-Seekers

S. Carpenter

Many universities and colleges have canceled faculty searches or imposed hiring freezes.

SCIENCEPODCAST

www.sciencemag.org/multimedia/podcast

Free Weekly Show

Download the 13 February Science Podcast to hear about how toddler gesturing may improve children’s vocabulary, a new global view of the Moon, an update on the Neandertal genome, and more.

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blogs.sciencemag.org/origins

A History of Beginnings

SCIENCE INSIDER

blogs.sciencemag.org/scienceinsider

Science Policy News and Analysis

Cockroach-inspired design could help Mars rovers and other robots traverse sandy terrain.

TECHNICAL COMMENTS

Comment on “Dynamic Shifts of Limited Working Memory Resources in Human Vision”

N. Cowan and J. N. Rouder

full text at www.sciencemag.org/cgi/content/full/323/5916/877c

Response to Comment on “Dynamic Shifts of Limited Working Memory Resources in Human Vision”

P. M. Bays and M. Husain

full text at www.sciencemag.org/cgi/content/full/323/5916/877d

Novel HIV-Fighting Method Finally Gels

Study reports first “success” in preventing HIV infections with vaginal microbicide.

One Giant Leap for Robot-Kind

Cockroach-inspired design could help Mars rovers and other robots traverse sandy terrain.

Flu: It’s the Humidity. Absolutely

Study suggests that absolute, not relative, humidity explains why influenza is seasonal.
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