RESEARCH ARTICLES

440 Fine Tuning of Craniofacial Morphology by Distant-Acting Enhancers
C. Attanasio et al.
Targeted deletion of individual craniofacial enhancers from the mouse genome sculpts facial shapes.
Research Article Summary; for full text: http://dx.doi.org/10.1126/science.1241006
>> Video

441 Voltage-Gated Sodium Channel in Grasshopper Mice Defends Against Bark Scorpion Toxin
A. H. Rowe et al.
Grasshopper mice use the scorpion’s strength against it—instead of inducing pain, scorpion venom blocks pain.
>> Perspective p. 428; Science Podcast; Video

447 Mucus Enhances Gut Homeostasis and Oral Tolerance by Delivering Immune Regulatory Signals
M. Shan et al.
Mucus not only forms a physical barrier in the intestine but also promotes immunological tolerance of bacteria and foods.
>> Perspective p. 432

REPORTS

453 Observation of Floquet-Bloch States on the Surface of a Topological Insulator
Y. H. Wang et al.
Time- and angle-resolved photoemission spectroscopy is used to observe coherent coupling of light with electronic states.

457 From Few to Many: Observing the Formation of a Fermi Sea One Atom at a Time
A. N. Wenz et al.
Interactions in a one-dimensional few-atom gas of 4Li exhibit a fast convergence to the limit of many particles.

460 Stabilizing Liquid Drops in Nonequilibrium Shapes by the Interfacial Jamming of Nanoparticles
M. Cui et al.
A self-assembling composite surfactant can be used to make stable droplets with complex shapes.
>> Science Podcast

463 Mass-Independent Oxygen Isotopic Partitioning During Gas-Phase SIO₂ Formation
S. Chakraborty et al.
The earliest solids in the solar system may have formed from a gas-phase reaction of SIO₂ and OH.

466 Strong Premelting Effect in the Elastic Properties of hcp-Fe Under Inner-Core Conditions
B. Martorell et al.
Elastic weakening of iron just before melting explains variations in the seismic structure of Earth’s inner core.

468 Atypical Combinations and Scientific Impact
B. Uszi et al.
Highly cited work is simultaneously conventional and unconventional.

472 A Radical Intermediate in Tyrosine Scission to the CO and CN⁻ Ligands of FeFe Hydrogenase
J. M. Kuchenreuther et al.
Electron paramagnetic resonance spectroscopy elucidates a key step in the biosynthesis of hydrogenase active site ligands.

475 Causes and Effects of N-Terminal Codon Bias in Bacterial Genes
D. B. Goodman et al.
The structure of the 5' ends of messenger RNAs downstream of the start of protein translation has a major effect on protein expression.

479 2000 Years of Parallel Societies in Stone Age Central Europe
R. Bollongino et al.
Genetic and isotopic evidence document changes occurring in Europe during the Neolithic era.

482 Changing Social Norm Compliance with Noninvasive Brain Stimulation
C. C. Ruff et al.
Right lateral prefrontal cortex activity affects sanction-based compliance with behavioral norms in humans.
Science 342 (6157), 401-495.