RESEARCH ARTICLE

1329 Nucleocytoplasmic Shuttling of a GATA Transcription Factor Functions as a Development Timer
H. Cai et al.
The link between chemoattractant gradients, developmental signals, and gene expression in social amoebae is elucidated.
Research Article Summary; for full text: http://dx.doi.org/10.1126/science.1249531
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1330 Super-Eddington Mechanical Power of an Accreting Black Hole in M83
R. Soria et al.
A stellar-mass black hole shocks its surroundings with kinetic energy in excess of its predicted radiative output.
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1333 Large-Amplitude Spin Dynamics Driven by a THz Pulse in Resonance with an Electromagnon
T. Kubacka et al.
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1336 Angular Fluctuations of a Multicomponent Order Describe the Pseudogap of YBa$_2$Cu$_3$O$_{6+}$
L. Hayward et al.
A model reproduces the temperature dependence of charge-order fluctuations in a cuprate superconductor.

1339 Highly Crystalline Multimetallic Nanoframes with Three-Dimensional Electrocatalytic Surfaces
C. Chen et al.
Highly active electrocatalysts are created by eroding away all but the edges of platinum-nickel nanocrystals.
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A. Martinez-Garcia et al.
Nitrogen isotopes in foraminifera show the role of iron fertilization on atmospheric carbon dioxide during the last ice age.

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D. Canestrari et al.
The carrion crow Corvus corone corone can benefit from parasitism by the great spotted cuckoo Clamator glandarius.

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E. R. Deschenes et al.
Signals generated by mouse hair follicle stem cells generate new hair growth.

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K. Newton et al.
A particular protein kinase function at a critical control point that determines whether—and how—cells die.
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Reads of cellular RNA transcripts demonstrate spatial expression differences during simulated wound healing.

1363 Structure of the Mitochondrial Translocator Protein in Complex with a Diagnostic Ligand
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A ligand stabilizes a mammalian mitochondrial cholesterol transporter, allowing high-resolution structural analysis.

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J. Plucian et al.
The emergence of a stable polymorphism in bacteria involved a multistep process including three specific mutations.

1370 Humans Can Discriminate More than 1 Trillion Olfactory Stimuli
C. Bushdid et al.
The number of different odor mixtures people can distinguish is several orders of magnitude larger than anticipated.
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1373 Control Profiles of Complex Networks
J. Ruths and D. Ruths
The control profile is a network statistic that may prove useful in approaching the control of complex networks.
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1376 Fossilized Nuclei and Chromosomes Reveal 180 Million Years of Genomic Stasis in Royal Ferns
B. Bomfleur et al.
Fern fossils provide evidence that nuclear shape, size, and chromosomal content have changed little since the Jurassic.

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