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A. D. Lander

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928  Using the Earth as a Polarized Electron Source to Search for Long-Range Spin-Spin Interactions
L. Hunter et al.
Improved bounds on exotic spin-spin interactions were obtained from a study of polarized spins in Earth’s mantle.

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933  Ferromagnetic Quantum Critical Point in the Heavy-Fermion Metal YbNi$_2$(P$_{1-x}$As)$_2$
A. Steppke et al.
Precision low-temperature measurements reveal a divergence associated with quantum criticality in a ferromagnetic metal.

936  Living Crystals of Light-Activated Colloidal Surfers
J. Palacci et al.
Light-catalyzed reactions drive the far-from-equilibrium crystallization of colloids that couple to tracer particles.

940  Global Patterns of Groundwater Table Depth
Y. Fan et al.
Up to 32% of the global land area contains ecosystems that are influenced by shallow groundwater.

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M. Kulmala et al.
Detailed aerosol measurements provide a consistent framework for the formation of particles from atmospheric gases.

947  Fruit Flies Medicate Offspring After Seeing Parasites
B. Z. Kacsoh et al.
Flies deposit their eggs in protective, alcohol-rich environments when parasitic wasps are around.

950  Precise Maps of RNA Polymerase Reveal How Promoters Direct Initiation and Pausing
H. Kwon et al.
The promoter region of a gene regulates the enzyme complex that synthesizes RNA transcripts via initiation and pausing.

953  Little Emperors: Behavioral Impacts of China’s One-Child Policy
L. Cameron et al.
The increase in the number of only children in urban China over the past three decades has affected their psychology.

957  Highly Recurrent TERT Promoter Mutations in Human Melanoma
F. W. Huang et al.
TERT Promoter Mutations in Familial and Sporadic Melanoma
S. Horn et al.
A large fraction of human melanomas harbor mutations in sequences that regulate the expression of telomerase.

961  Increases in Adult Life Expectancy in Rural South Africa: Valuing the Scale-Up of HIV Treatment
J. Bor et al.
Adult life expectancy has increased by 11 years in rural KwaZulu-Natal since the 2004 public-sector scale-up of HIV treatment.

966  Minimal “Self” Peptides That Inhibit Phagocytic Clearance and Enhance Delivery of Nanoparticles
P. L. Rodriguez et al.
Cloaking nanoparticles with host-like peptides increases their lifetime enough to allow imaging of tumors.

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Y. Aachoui et al.
Caspase-11 triggers cell death in response to bacteria that gain access to the cytosol of macrophages.

984  Changes in the Quantitative Properties of the Hair from Young Adult to Elderly中国人
A. D. Lander et al.
The density and thickness of hair fibers change from young adulthood to old age.

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