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682  Intergenerational Wealth Transmission and the Dynamics of Inequality in Small-Scale Societies
M. Borgerhoff Mulder et al.
Some types of wealth are strongly inherited and, hence, contribute to long-term economic inequality.
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688  The Crystal Structure of the Ribosome Bound to EF-Tu and Aminoacyl-tRNA
T. M. Schmeing et al.

694  The Structure of the Ribosome with Elongation Factor G Trapped in the Posttranslocational State
Y.-G. Gao et al.
Crystal structures of the ribosome bound to elongation factors provide insights into translocation and decoding.
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G. Logvenov et al.
Interfaces of oxide metals and insulators confine a superconducting state to one copper oxide plane.

702  Reconstruction of Molecular Orbital Densities from Photoemission Data
P. Puschnig et al.
Maps of photoelectron momentum can reveal the orbital geometries of aromatic molecules adsorbed on surfaces.

706  Synergic Sedation of Sensitive Anions: Alkali-Mediated Zincation of Cyclic Ethers and Ethene
A. R. Kennedy et al.
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A. Yurtsever and A. H. Zewail
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A. W. Park et al.
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Y. Yang et al.
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Artificial effectors with new specificities have been constructed that mimic proteins injected into plant cells by pathogens.
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M. J. Moscou and A. J. Bogdanove
Xanthomonas bacteria use an amino acid–based code to target effector molecules to specific DNA sequences.
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T. Becker et al.
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W. Rönigk et al.
The ability of a single molecule of cGMP to activate the K+-selective cyclic nucleotide-gated channel allows sea urchin sperm to find an egg.

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R. A. Rudick and D. M. Cosgrove
The integration of clinical research with clinical care is central to improving public health.

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M. Cypel et al.
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D. S. Wilkes
Local induction of IL-10 promotes recovery of function in human lung explants deemed not suitable for transplantation.

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M. Shan et al.
An autoimmune reaction created by immune cells in the lungs of patients with emphysema drives lung destruction.
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