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1117 Dynamic Reorganization of River Basins
S. D. Willett et al.
A proxy for river elevation demonstrates the degree to which river networks reorganize and equilibrate.
Research Article Summary; for full text:
http://dx.doi.org/10.1126/science.1248765

1118 Innate Immune Activity Conditions
the Effect of Regulatory Variants upon Monocyte Gene Expression
B. P. Fairfax et al.
Analysis of the transcriptional responses during induced innate immune activity in primary human monocytes is explained.
Research Article Summary; for full text:
http://dx.doi.org/10.1126/science.1246949

1119 Common Genetic Variants Modulate
Pathogen-Sensing Responses in Human Dendritic Cells
M. N. Lee et al.
Mapping of human host-pathogen gene-by-environment interactions identifies pathogen-specific loci.
Research Article Summary; for full text:
http://dx.doi.org/10.1126/science.1246980
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1120 Quantifying Molecular Stiffness and Interaction with Lateral Force Microscopy
A. J. Weymouth et al.
Lateral force microscopy reveals the torsional spring constant of a carbon monoxide molecule at the end of an atomic force microscope tip.
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1122 Simultaneous Ground- and Space-Based Observations of the Plasmaspheric Plume and Reconnection
B. M. Walsh et al.
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1125 Tunable Phonon Polaritons in Atomically Thin van der Waals Crystals of Boron Nitride
S. Dai et al.
Infrared nanoimaging is used to detect a type of surface collective mode in a representative van der Waals crystal.

1129 Rapid Reductions in North Atlantic Deep Water During the Peak of the Last Interglacial Period
E. V. Galassini et al.
Deep ocean circulation was less stable during the last interglacial periods than previously supposed.

1133 Structural Basis for Heavy Metal Detoxification by an Atm1-Type ABC Exporter
J. Y. Lee et al.
Structural and functional studies of ABC exporters provide insight into how glutathione derivatives are translocated.
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H. Chung et al.
A methyl-branched cuticular hydrocarbon affects both desiccation resistance and mate choice in related Drosophila species.

1151 Long-Acting Integrase Inhibitor Protects Macaques from Intrarectal Simian/Human Immunodeficiency Virus
C. D. Andrews et al.
Prolonged protection from repeated SHIV challenges is demonstrated in macaques.
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1154 Altitudinal Changes in Malaria Incidence in Highlands of Ethiopia and Colombia
A. S. Siraj et al.
Warmer years promote malaria cases at higher altitudes.
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