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10.1126/science.1159675

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Passing light through a warm cloud of rubidium atoms creates quantum mechanically entangled twin images.
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Gas-phase lipid micelles protect a large complex of membrane proteins, allowing its subunit composition and ligand binding to be assessed by mass spectrometry.
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S. Sallon et al.
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Recognition Dynamics Up to Microseconds Revealed from an RDC-Derived Ubiquitin Ensemble in Solution
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In solution, ubiquitin assumes all conformations seen in crystal structures of its complexes, indicating that it binds by conformational selection rather than induced fit. >> Perspective p. 1429
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The Rag GTPases Bind Raptor and Mediate
Amino Acid Signaling to mTORC1
Y. Sancak et al.
Nutrients, specifically amino acids, are sensed by small guanosine
triposphatases, which bind to a signaling complex, moving it close
to the nucleus where it initiates cell growth.

ECOLOGY
Animal Versus Wind Dispersal and the Robustness
of Tree Species to Deforestation
D. Montoya, M. A. Zavala, M. A. Rodriguez, D. W. Purves
In Spanish forests, tree species with seeds that are dispersed by
animals are more resilient in a fragmented forest than those with
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VelB/VeA/LaeA Complex Coordinates Light Signal
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Ö. Bayram et al.
The multiprotein velvet complex in the fungus Aspergillus nidulans
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E. Dahlén, A. S. Neely, A. Larsson, L. Bäckman, L. Nyberg
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practice also improve at a different task, even without practice,
when both tasks utilize the same brain region.

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