RESEARCH ARTICLE

269 A Critical Period of Sleep for Development of Courtship Circuitry and Behavior in Drosophila
M. S. Kayser et al.
Young flies need their sleep, too.

REPORTS

275 KOI-3278: A Self-Lensing Binary Star System
E. Kruse and E. Agol
A white dwarf that eclipses a Sun-like star enhances, rather than dims, its brightness through relativistic effects.

An Earth-Sized Planet in the Habitable Zone of a Cool Star
E. V. Quintana et al.
NASA’s Kepler mission revealed that the fifth and outermost planet orbiting Kepler-186 is capable of hosting liquid water.

Emergent Space-Time Supersymmetry at the Boundary of a Topological Phase
T. Grover et al.
An elusive symmetry is predicted to emerge at the boundary of an exotic condensed matter system.

Strong Increase of T, of Sr2RuO4 Under Both Tensile and Compressive Strain
C. W. Hicks et al.
An apparatus that can apply both tensile and compressive strain is used to study an unconventional superconductor.

Wafer-Scale Growth of Single-Crystal Monolayer Graphene on Reusable Hydrogen-Terminated Germanium
J.-H. Lee et al.
Wafer-scale single-crystal monolayer graphene can be repeatedly grown on a hydrogen-terminated germanium (110) surface.

Ultimate Permeation Across Atomically Thin Porous Graphene
K. Celebi et al.
Atomically thin nanoporous graphene membranes can sustain ultimate permeation in mass transport.

Missing Gas-Phase Source of HONO Inferred from Zeppelin Measurements in the Troposphere
X. Li et al.
The tropospheric production of HONO from a light-dependent gas-phase source raises questions about its impact on OH.