CONTENTS
5 AUGUST 2016 • VOLUME 353 • ISSUE 6299

530 SYNCHROTRON AIMS TO BRIDGE DIVIDES IN THE MIDDLE EAST
Light source in Jordan is just about ready to start shining
By E. Stokstad

531 DISPUTE OVER PRESIDENT’S AGE TEARS PASTEUR INSTITUTE APART
Center’s board of directors was sent home after denying Christian Bréchot, who’s almost 65, a second term
By T. Rabesandratana

532 THE STORYTELLER
With Rainer Weiss, gravitational wave hunter and likely Nobel laureate, there’s the story—and there’s the subtext
By A. Cho

534 The long road to LIGO
By A. Cho

533 A NANOVIEW OF BATTERY OPERATION
Single cathode particles for lithium-ion batteries are analyzed during cycling
By S. B. Schougaard

545 THE FDA IS PROHIBITED FROM GOING GERMLINE
Full stop: U.S. Congress precludes human germline modification
By I. G. Cohen and E. Y. Adashi

547 CHINA-U.S. COOPERATION TO ADVANCE NUCLEAR POWER
Mass-manufacturing and coordinated approvals are key
By J. Cao et al.

550 TRUTH OR TRUTHINESS
By H. Wainer, reviewed by C. J. Phillips

NEWS
IN BRIEF
524 News at a glance

IN DEPTH
526 VENEZUELA’S WOES HAMPER ACCESS TO FOSSIL TROVE
Only the most daring researchers now risk a trip to premier site in the American tropics
By L. Wade

527 ANTIAGING TRIAL USING YOUNG BLOOD STIRS CONCERNS
Company plans to charge volunteers $8000 each for plasma transfusions from young donors
By J. Kaiser

528 NSF TRIES TWO-STEP REVIEW, DRAWING PRAISE—AND DARTS
Brief preliminary proposals can’t do justice to innovative research, scientists complain
By J. Mervis

529 ZIKA VACCINE HAS A GOOD SHOT
Modest immune responses outwit virus in monkey studies, but trials will be complex
By J. Cohen

538 EMPEROR YU’S GREAT FLOOD
Geological data provide support for a legendary flood in China ~4000 years ago
By D. R. Montgomery

539 BRINGING ORDER TO THE EXPANDING FERMION ZOO
Crystallographic classification provides an inventory of the electron-like particles that emerge in a lattice world
By C. Beenakker

541 HOW DO SUNFLOWERS FOLLOW THE SUN—AND TO WHAT END?
Solar tracking may provide sunflowers with an unexpected evolutionary benefit
By W. R. Briggs

542 BENEFITS OF SELECTIVE FEEDING
Microbes engineered to digest unusual nutrients outcompete contaminants in chemicals production
By R. M. Lennen

543 A NANOVIEW OF BATTERY OPERATION
Single cathode particles for lithium-ion batteries are analyzed during cycling
By S. B. Schougaard

545 THE FDA IS PROHIBITED FROM GOING GERMLINE
Full stop: U.S. Congress precludes human germline modification
By I. G. Cohen and E. Y. Adashi

INSIGHTS
538 EMPEROR YU’S GREAT FLOOD
Geological data provide support for a legendary flood in China ~4000 years ago
By D. R. Montgomery

539 BRINGING ORDER TO THE EXPANDING FERMION ZOO
Crystallographic classification provides an inventory of the electron-like particles that emerge in a lattice world
By C. Beenakker

541 HOW DO SUNFLOWERS FOLLOW THE SUN—AND TO WHAT END?
Solar tracking may provide sunflowers with an unexpected evolutionary benefit
By W. R. Briggs

542 BENEFITS OF SELECTIVE FEEDING
Microbes engineered to digest unusual nutrients outcompete contaminants in chemicals production
By R. M. Lennen

PERSPECTIVES
538 EMPEROR YU’S GREAT FLOOD
Geological data provide support for a legendary flood in China ~4000 years ago
By D. R. Montgomery

539 BRINGING ORDER TO THE EXPANDING FERMION ZOO
Crystallographic classification provides an inventory of the electron-like particles that emerge in a lattice world
By C. Beenakker

541 HOW DO SUNFLOWERS FOLLOW THE SUN—AND TO WHAT END?
Solar tracking may provide sunflowers with an unexpected evolutionary benefit
By W. R. Briggs

542 BENEFITS OF SELECTIVE FEEDING
Microbes engineered to digest unusual nutrients outcompete contaminants in chemicals production
By R. M. Lennen

550 TRUTH OR TRUTHINESS
By H. Wainer, reviewed by C. J. Phillips

LETTERS
551 DECIPHERING P VALUES: BEWARE FALSE CERTAINTY
By C. L. Hewitt et al.

551 DECIPHERING P VALUES: DEFINING SIGNIFICANCE
By F. Phillips

551 EXPANDING PROTECTED AREAS IS NOT ENOUGH
By A. L. M. Chauvenet and M. Barnes

552 TECHNICAL COMMENT ABSTRACTS

BOOKS ET AL.
549 ALMIGHTY
By D. Zak, reviewed by A. Wellerstein

550 TRUTH OR TRUTHINESS
By H. Wainer, reviewed by C. J. Phillips

552 TECHNICAL COMMENT ABSTRACTS

ERRATA
552 ERRATA
RESEARCH

IN BRIEF

553 From Science and other journals

REVIEW

556 CRISPR EVOLUTION
Diverse evolutionary roots and mechanistic variations of the CRISPR-Cas systems P. Mohanraju et al. REVIEW SUMMARY: FOR FULL TEXT: dx.doi.org/10.1126/science.aaa5147

RESEARCH ARTICLES

557 CRISPR EVOLUTION
C2c2 is a single-component programmable RNA-guided RNA-targeting CRISPR effector O. O. Abudayyeh et al. RESEARCH ARTICLE SUMMARY: FOR FULL TEXT: dx.doi.org/10.1126/science.aae5573

558 TOPOLOGICAL MATTER
Beyond Dirac and Weyl fermions: Unconventional quasiparticles in conventional crystals B. Bradlyn et al. RESEARCH ARTICLE SUMMARY: FOR FULL TEXT: dx.doi.org/10.1126/science.aaf5037

REPORTS

559 SHAPE-MEMORY ALLOYS
Grain-resolved analysis of localized deformation in nickel-titanium wire under tensile load P. Sedmák et al.

563 CATALYSIS
Direct conversion of methane to aromatics in a catalytic co-ionic membrane reactor S. H. Morejudo et al.

566 ANALYTICAL METHODS
Origin and hysteresis of lithium compositional spatiodynamics within battery primary particles J. Lim et al.

571 NANOMATERIALS
Permanent eximer superstructures by supramolecular networking of metal quantum clusters B. Santiago-Gonzalez et al.

575 GRAPHENE
Tuning the valley and chiral quantum state of Dirac electrons in van der Waals heterostructures J. R. Wallbank et al.

579 ARCHAEOLOGY
Outburst flood at 1920 BCE supports historicity of China’s Great Flood and the Xia dynasty Q. Wu et al.

583 BIOENGINEERING
Metabolic engineering of microbial competitive advantage for industrial fermentation processes A. J. Shaw et al.

587 PLANT SCIENCE
Circadian regulation of sunflower heliotropism, floral orientation, and pollinator visits H. S. Atamian et al.

590 BIOMINERALIZATION
Macromolecular recognition directs calcium ions to coccolith mineralization sites A. Gal et al.

594 STRUCTURAL BIOLOGY
The inhibition mechanism of human 20S proteasomes enables next-generation inhibitor design J. Schrader et al.

598 MOLECULAR IMAGING
Spatial organization of chromatin domains and compartments in single chromosomes S. Wang et al.

603 AXONAL DEGENERATION
RIPK1 mediates axonal degeneration by promoting inflammation and necroptosis in ALS Y. Ito et al.

DEPARTMENTS

523 EDITORIAL
JIFfy Pop
By Jeremy Berg

618 WORKING LIFE
Working my way out
By Jason Cantley

ON THE COVER

Sunflower head just before floral maturation, with the Sun setting behind it. Whereas mature sunflowers always face east, young sunflower plants track the Sun from east to west during the day and then reorient overnight to face east in anticipation of dawn. Both heliotropic growth patterns are mediated by the circadian clock and enhance pollinator visits and plant yield. See pages 541 and 587.

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Science Staff ........................................... 522
New Products ........................................... 610
Science Careers ........................................... 612