REPORTS

48  GRB 130427A: A Nearby Ordinary Monster
    A. Maselli et al.

51  The First Pulse of the Extremely Bright
    GRB 130427A: A Test Lab for Synchrotron
    Shocks
    R. Preece et al.
    Multiwavelength data from an extremely
    bright stellar explosion provide details
    of the physics of these violent events.
    >> Perspective p. 34; Research Articles pp. 38
    and 42

55  Exciton Liquid in Coupled Quantum Wells
    M. Stern et al.
    Photoluminescence and transport
    measurements indicate the formation of a
    classically correlated phase of excitons.
    >> Perspective p. 34

58  First-Photon Imaging
    A. Kirmani et al.
    A computational imaging method based on
    photon timing enables 3D imaging under
    low light flux conditions.

61  Direct Stereospecific Synthesis of
    Unprotected N-H and N-Me Aziridines
    from Olefins
    J. L. Jat et al.
    A route to triangular carbon-nitrogen rings
    avoids placement of a hard-to-remove
    protecting group on the nitrogen precursor.
    >> Perspective p. 33

66  Tunable Electrical Conductivity in
    Metal-Organic Framework Thin-Film
    Devices
    A. A. Talin et al.
    Infiltrating a metal-organic framework
    with a conjugated organic molecule creates
    an air-stable conducting film.

69  Two Y Genes Can Replace the Entire
    Y Chromosome for Assisted Reproduction
    in the Mouse
    Y. Yamauchi et al.
    Live offspring can be obtained from male
    mice in which the Y chromosome contribution
    is limited to only two genes.
    >> Perspective p. 32

72  Targeted Therapy Resistance Mediated by
    Dynamic Regulation of Extrachromosomal
    Mutant EGFR DNA
    D. A. Nathanson et al.
    Tumor cells become resistant to targeted
    therapies by eliminating the gene encoding
    the drug target from extrachromosomal DNA.

77  A Cascade of Histone Modifications
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    B. J. Wilkins et al.
    In vivo cross-linking of histones reveals the
    phosphorylation and deacetylation events
    required for chromatin condensation.

80  Genetic Screens in Human Cells Using
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    T. Wang et al.

84  Genome-Scale CRISPR-Cas9 Knockout
    Screening in Human Cells
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88  Break-Induced Replication Repair
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    L. Costantino et al.
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91  A Neural Mechanism Underlying Mating
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    M. Vallée et al.
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