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Nuclear DNA from an ancient finger bone sheds light on human origins.
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Proteins in dynamic equilibrium.
A combination of techniques offers insight into protein conformations.
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An extrasolar system of massive planets poses puzzles.
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A population-specific HTR2B stop codon predisposes to severe impulsivity.
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Atom-by-atom spectroscopy at graphene edge.
K Suenaga & M Koshino.

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T Hiraga, T Miyazaki, M Tasaka & H Yoshida.

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Subtypes of medulloblastoma have distinct developmental origins.
P Gibson et al.

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mTORC1 controls fasting-induced ketogenesis and its modulation by ageing.
S Sengupta, T R Peterson, M Laplante, S Oh & D M Sabatini.

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The histone variant macroH2A suppresses melanoma progression through regulation of CDK8.
A Kapoor et al.

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Planar polarized actomyosin contractile flows control epithelial junction remodelling.
M Rauzi, P-F Lenne & T Lecuit.

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S-glutathionylation uncouples eNOS and regulates its cellular and vascular function.
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H Richly et al.

1129  Biochemistry.
Neurotransmitter / sodium cymporter orthologue LeuT has a single high-
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C L Piscitelli, H Krishnamurthy & E Gouaux.

1074  Cell Biology.
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Engineering the simplest eukaryotic cell that can run the cell cycle.