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>> Science Podcast
      Listen to stories on stretchable, transparent ionic conductors; fecal transplants; teaching birds migratory routes; and more.
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COVER
Young whooping cranes (Grus americana) follow an ultralight aircraft. Each year, endangered whooping cranes are reared in captivity and artificially trained by ultralight aircraft on their first lifetime migration from Wisconsin to Florida. Analyses of data from subsequent unaided migration events show that migratory performance improves over many years and that social learning from older birds plays an important role. See page 999.

Photo: Joseph Duff/Operation Migration USA, Inc.

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Tissues that need to remain stiff under stress rely on lamin-A to keep the cell nucleus whole.
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976 Poverty Impedes Cognitive Function
A. Mani et al.
Being poor is a state of mind.
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Q. D. Wang et al.
X-ray observations of the center of our Galaxy reveal the interplay between the massive black hole there and its surroundings.
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984 Stretchable, Transparent, Ionic Conductors
C. Keplinger et al.
Stretchable ionic gels are fabricated into transparent actuators and loudspeakers.
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M. Setvín et al.
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991 Electron Acceleration in the Heart of the Van Allen Radiation Belts
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T. Mueller et al.
Whooping cranes learn their annual migration routes from their neighbors.
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K. Miyamoto et al.
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1016 JCaMKII in Lateral Habenula Mediates Core Symptoms of Depression
K. Li et al.
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Editor's Summary

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