

Science advances on a foundation of trusted di

approach that scientists use to gain confidence

community was shaken by reports that a troub

not reproducible. Because confidence in results

community, we are announcing new initiatives

Science. For preclinical studies (one of the targ

recommendations of the U.S. National Institute

increasing transparency.* Authors will indicate

handling (such as how to deal with outliers), wh

ensure a sufficient signal-to-noise ratio, wheth

experimenter was blind to the conduct of the experimenter

Download Citation

Post to CiteULike

E-mail This Page

and E-Prints

Rights & Permissions

Commercial Reprints

View PubMed Citation

Related Content

is Cited

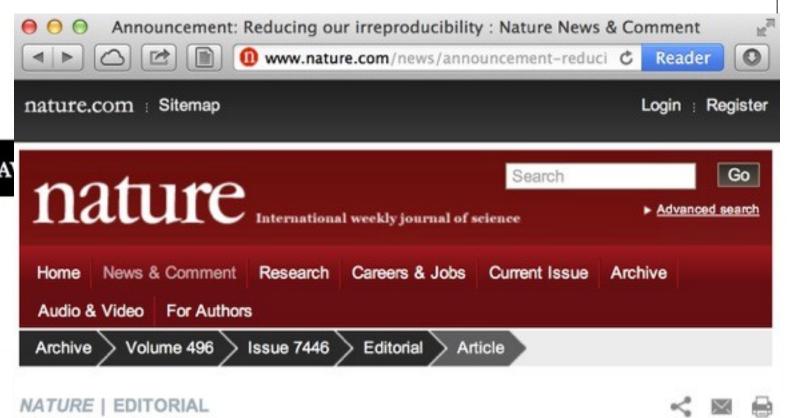
Alert Me When Article

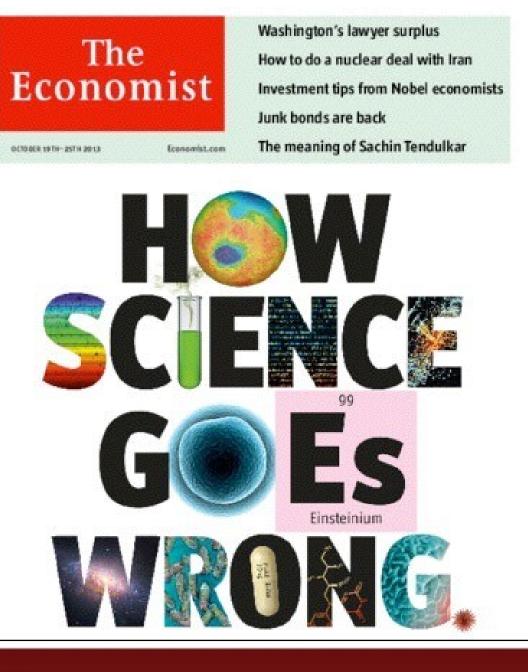
LOCAL U.S. WORLD BUSINESS SPORTS ENTERTAINMENT HEALTH STYLE TRAY

Science has lost its way, at a big cost to humanity

Researchers are rewarded for splashy findings, not for double-checking accuracy. So many scientists looking for cures to diseases have been building on ideas that aren't even true.







< 🛛 🖨

Announcement: Reducing our irreproducibility

24 April 2013



Over the past year, Nature has published a string of articles that highly reliability and reproducibility of published research (collected and free



Must try harder

NATURE | EDITORIAL

Nature 483, 509 (29 March 2012) | doi:10.1038/483509a Published online 28 March 2012

PDF 👲 Citation 📭 Reprints 🥄 Rights & permissions 💹 Article metrics

Too many sloppy mistakes are creeping into scientific papers. Lab heads must look more rigorously at the data — and at themselves.



NIH Tackles Irreproducibility

The federal agency speaks out about how to improve the quality of scientific research.

By Jef Akst | January 28, 2014