

Macro Roundup Article

Headline: [A Looming Retraction Casts a Shadow Over a Field of Physics](#)

Article Link: <https://www.nytimes.com/2023/07/26/science/ranga-dias-retraction-physics.html>

Author(s)	Kenneth Chang
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Tweet: Earlier work by Ranga Dias, the researcher who claimed a breakthrough on room-temperature superconductors, has been retracted due to willfully submitted false data.

Summary: A major physics journal is retracting a two-year-old scientific paper that described the transformations of a chemical compound as it was squeezed between two pieces of diamond. Such an esoteric finding — and retraction — would not typically garner much attention. But one of the leaders of this research is Ranga Dias, a professor at the University of Rochester in New York who made a much bigger scientific splash earlier this year, touting the discovery of a room-temperature superconductor. While Dr. Dias continues to defend the work, to some scientists, there is now clear evidence of misconduct. “There’s no plausible deniability left,” said N. Peter Armitage, a professor of physics and astronomy at Johns Hopkins University in Baltimore who is among the scientists who have seen the reports. “They submitted falsified data. There’s no ambiguity there at all.” Related: [The Scientific Breakthrough That Could Make Batteries Last Longer and Room-Temperature Superconductor Discovery Meets with Resistance](#)

Primary Topic: Science

Topics: Fraudulent Studies, News article, Science

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