



Critical Materials Institute

AN ENERGY INNOVATION HUB

Five Critical Materials Institute researchers named Most Influential Scientific Minds of 2014

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Five physicists who conduct research for the Critical Materials Institute, a U.S. Department of Energy Innovation Hub, have been named to the Thomson Reuters Most Influential Scientific Minds of 2014.

They are:

- Sergey Bud'ko, Ames Laboratory and Iowa State University
- Paul Canfield, Ames Laboratory and Iowa State University
- Michael McGuire, Oak Ridge National Laboratory
- Brian Sales, Oak Ridge National Laboratory
- David Singh, Oak Ridge National Laboratory

Researchers earned inclusion on the list by writing the greatest number of highly cited papers, ranking among the top 1 percent for their subject field and year of publication between 2002 and 2012. According to Thomson Reuters, the work of the scientists ranked has “consistently been judged by peers to be of particular significance and utility.” The list was compiled by Thomson Reuters out of more than 3,000 scientists in 21 fields of research.

“I congratulate our researchers for their recognition,” said Alex King, director of the Critical Materials Institute. “It reflects the caliber of research going on here, and the strength of the scientific team we have built to solve the challenge of critical materials.”

The [Critical Materials Institute](#) is a Department of Energy Innovation Hub led by the U.S. Department of Energy’s Ames Laboratory. CMI seeks ways to eliminate and reduce reliance on rare-earth metals and other materials critical to the success of clean energy technologies. DOE’s [Energy Innovation Hubs](#) are integrated research centers that bring together scientists and engineers from many different institutions and technical backgrounds to accelerate scientific discovery in areas vital to U.S. energy security.

[Ames Laboratory](#) is a [U.S. Department of Energy Office of Science](#) national laboratory operated by Iowa State University. Ames Laboratory creates innovative materials, technologies and energy solutions. We use our expertise, unique capabilities and interdisciplinary collaborations to solve global problems.