Gang Cao
Department of Physics
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EDUCATION

1993 *Ph.D. in Physics*, Temple University, Philadelphia, Pennsylvania, USA
Thesis advisor: *Dr. Jack E. Crow* (deceased, founding Director of National High Magnetic Field Laboratory, Tallahassee, Florida)

ACADEMIC APPOINTMENTS

2016 - Present *Professor* Department of Physics, University of Colorado at Boulder
2011 - 2016 *Jack and Linda Gill Eminent Professor*, University of Kentucky
2008 - 2016 *Director* Center for Advanced Materials, Kentucky
2007 - 2016 *Professor* Department of Physics and Astronomy, University of Kentucky
2002 - 2007 *Associate Professor* Department of Physics and Astronomy, University of Kentucky
1998 - 2002 *Associate Scientist* National High Magnetic Field Laboratory, Tallahassee, Florida
1995 - 1998 *Assistant Scientist* National High Magnetic Field Laboratory, Tallahassee, Florida
1993 - 1995 *Post-Doctoral Research Associate* National High Magnetic Field Laboratory, Tallahassee, Florida

RESEARCH INTERESTS

Discovery and study of novel quantum materials; single-crystal synthesis; physics of spin-orbit-coupled matter; high-field, low-temperature, and high-pressure material properties.

PUBLICATIONS, INVITED TALKS AND CITATIONS

Author of more than **260** articles in refereed journals; **2** books; more than **150** invited talks at international conferences, universities or national labs.

CITATIONS > 13,500
h-index = 61
Google Scholar: https://scholar.google.com/citations?hl=en&user=zdK0TLwAAAAJ

HONORS AND AWARDS

- *Fellow* of the American Physical Society, 2009
- *Albert D. & Elizabeth H. Kirwan Memorial Prize for Outstanding Contributions to Original Research or Creative Scholarship*, University of Kentucky, 2105
- *Jack and Linda Gill Eminent Professor*, University of Kentucky, 2011-2016
- *2009-2010 University Research Professor*, University of Kentucky