



Yi Cui

PROFESSOR OF MATERIALS SCIENCE AND ENGINEERING, OF PHOTON SCIENCE, SENIOR FELLOW AT THE PRECOURT INSTITUTE FOR ENERGY AND PROF, BY COURTESY, OF CHEMISTRY

 PRINT PROFILE

 EMAIL PROFILE

 VIEW STANFORD-ONLY PROFILE

Bio

Cui studies nanoscale phenomena and their applications broadly defined. Research Interests: Nanocrystal and nanowire synthesis and self-assembly, electron transfer and transport in nanomaterials and at the nanointerface, nanoscale electronic and photonic devices, batteries, solar cells, microbial fuel cells, water filters and chemical and biological sensors.

Academic Appointments

Professor, Materials Science and Engineering

Professor, Photon Science Directorate

Senior Fellow, Precourt Institute for Energy

Professor (By courtesy), Chemistry

Member, Bio-X

Affiliate, Precourt Institute for Energy

Member, Wu Tsai Neurosciences Institute

Honors & Awards

David Filo and Jerry Yang Faculty Scholar, Stanford University (2010-2014)

Sloan Research Fellowship, Alfred P. Sloan Foundation (2010)

Investigator Award, KAUST (2008)

Young Investigator Award, ONR (2008)

Innovators Award, MDV (2008)

▶ All Honors & Awards (10)

Professional Education

PhD, Harvard University (2002)

CONTACT

 **Academic**

yicui@stanford.edu

University - Faculty