

## Speaker Profile



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**Dr. Yonggang Huang**

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Yonggang Huang is the Joseph Cumming Professor of Mechanical Engineering, and also Civil and Environmental Engineering, at Northwestern University. He is interested in establishing mechanics models for advanced technology, such as stretchable electronics, flexible silicon solar cell, and transfer printing. Mechanics plays a critical role in the development of scientific and engineering foundations for these advanced technologies. He has published 1 book, 25 book chapters, and 300 papers in journals, including multi-disciplinary journals *Science*, *Nature*, *Nature Materials*, *Nature Nanotechnology*, and *PNAS*; physics journals *PRL*, *PRB*, and *APL*; materials journals *Advanced Materials*, *Advanced Functional Materials*, *Acta Materialia*, and *JMR*; nano journals *Nano Letters*, *Small*, and *Nanotechnology*; chemistry journals *Langmuir*, and *Angewandte Chemie*; and mechanics journals *JMPS*. Four of his papers published in 1999, 2000, 2002 and 2004 have become the most cited ones among more than 9000 papers published annually in all 110 mechanics journals listed in ISI Web of Science in the corresponding years. These are also the most cited papers among more than 8700 papers published annually in all 104 mechanical engineering journals in the corresponding years. His recent work has been reported by many popular media such as ABC, BBC, Boston Globe, Chicago Tribune, Discover, MSNBC, New York Times, Newsweek, Reuters, United Press International, and US News & World Report.

His recent awards include the Larson Memorial Award in 2003 and Melville Medal in 2004, both from ASME; Young Investigator Medal from the Society of Engineering Sciences in 2006; International Journal of Plasticity Medal in 2007; Guggenheim Fellowship from the John Simon Guggenheim Foundation in 2008; ISI Highly Cited Researcher (Engineering) in 2009. He held the Grayce Wicall Gauthier Professorship (2003-04), Shao Lee Soo Professorship (2004-07) at the University of Illinois at Urbana-Champaign, the Visiting Clark Millikan Professorship (2005-06) at Caltech, and Honorary Professor at Nanjing University of Posts and Telecommunications.