

Qing Cao

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Yorktown Heights, New York

Qing Cao is a research scientist in the Nanoscale Electronic Device Group at the IBM T.J. Watson Research Center where his work includes functional nanomaterials for unconventional electronic systems, high-performance logic devices, and low-cost energy harvesting. Dr. Cao has published over thirty research papers; is co-inventor on fifty patents and patent applications, and is the recipient of IBM Pat Goldberg Memorial Best Paper Award (2017), IBM Mater Inventor Award (2016), IBM Research Division Award (2016), US Frontiers of Engineering by National Academy of Engineering (2016), IBM Outstanding Technical Achievement Award (2015), IBM Invention Achievement Award (2011-2017, 15 times), Chinese Government Award for Outstanding Self-financed Students Abroad (2009), MRS Graduate Student Silver Award (2008), Best Student Paper Award from the 7th International Semiconductor Technology Conference (2008), and Lester E. & Kathleen A. Coleman Fellowship from the University of Illinois (2006). He made Forbes's list of "30 Under 30" for 2012 in the Science category, as "the field's brightest stars under the age of 30 representing the entrepreneurial, creative and intellectual best of their generation", and further received the distinction of this list's "most influential All-Star Alumni" in 2016. MIT Technology

Review listed him in 2016 as one of the top thirty-five global innovators under the age of thirty-five (TR35). Dr. Cao received his B.Sc. in Chemistry from Nanjing University and his Ph.D. in Materials Chemistry from the University of Illinois at Urbana-Champaign.

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