

**My research interests include preparation and characterization of hard and yet tough ceramic nanocomposite coatings, functional thin films, biological coatings, drug delivery for and coatings for clean energy. I have published 7 books. Click to find all the titles and details in Amazon.com: <http://www.amazon.com/-/e/B001JPBX42>) and find them in major universities/government or state libraries all over the world through UC-Berkeley's World Catalog <http://berkeley.worldcat.org/>. of them, Materials Characterization Techniques is adopted as textbook by 6 American and 1 European universities: Purdue University , New York University ,University of New Orleans , Louisiana State University and California Polytechnic State University. University of Missouri - Department of Chemical & Biological Engineering. In Europe: Univ of Southern Denmark.**

**I tutored the 1st year "FE1005-Materials Science"; taught 4th year "Electronic Manufacturing Processes", graduate course "M6156-Advanced Materials Characterization Techniques", etc. Currently I'm teaching 4th year "MP4F01-Materials Engineering" and tutoring 2nd year "MP2304-Manufacturing Technology and Materials". Click here for details of my teaching assignments and schedules.**

**My current other responsibilities include: President of the Thin Films Society; Senator of Nanyang Technological University (Since May 2008); Member of the Committee on Committees of the Senate of Nanyang Technological University (December 2008-May 2009); Member of The NTU Research Council (Sub-Committee for the Discipline Cluster: Physics and Engineering), 12 December 2011-2013). I serve the Nanoscience and Nanotechnology Letters (NNL) as the Editor-in-Chief (since April 2008), Journal of Materials Research (JMR) as principal editor(since November 2003), Associate Editor (Materials Science): Advanced Science Letters, Since July 2007. And I also serve as the Series Editor of the Book Series on "Advances in Materials Science and Engineering" with CRC Press since August 2010. My other academic journal editorial involvement: Frontier of Materials Science in China (Jan 2007), among others**