

Professor Chang-An Wang's biography

Chang-An Wang is a tenured professor in School of Materials Science and Engineering at Tsinghua University. He received his B.S. in 1992 and Ph.D in 1997 at Tsinghua University. From 2001~2002, he was a post-doctor in Georgia Institute of Technology, USA. He is an associate editor of International Journal of Applied Ceramic Technology, editorial board member of Frontiers of Materials Science, Journal of the Chinese Ceramic Society and Journal of ceramics. His research is highly focused on advanced ceramics and ceramic matrix composites. The main research interests include: (1) strengthening and toughening of ceramics; (2) ultra-high temperature ceramics; (3) porous ceramics; (4) ceramic membrane and coatings; and (5) solid state electrolytes and electrode materials for supercapacitors and lithium ion batteries. He published over 300 papers in the journals including Nature Energy, Nature Commun., Nano Energy, J. Mater. Chem. A, J. Am. Ceram. Soc. and so on. Citations: 4500+. h-index: 37. He owns more than 30 invention patents.