

Yanchun Zhou holds a BSc in ceramics from Tsinghua University, and an M.S. in ceramics and Ph.D. in metals from Institute of Metal Research, Chinese Academy of Sciences. He was a visiting scientist at the Institute of Strength Physics and Materials, Russian Academy of Sciences, and a post doc at University of Missouri-Rolla in the 1990's. He was Professor and Director of High-performance Ceramic Division, Shenyang National Laboratory for Materials Science before moving to Aerospace Research Institute of Materials and Processing Technology in 2010.



Zhou has discovered more than 15 new ternary carbides, nitrides and borides. His current interests and fields of research are designing, understanding the structural-property relations of damage tolerant ceramics for high and ultrahigh temperature applications. He has published more than 400 papers in peer-reviewed international journals with citations *ca* 13900 times with H-index of 62.

He was elected Academician of the World Academy of Ceramics (WAC) in 2009, Fellow of the American Ceramic Society (ACerS) in 2010 and Academician of Asian-Pacific Academy of Material in 2013.

He served as a member of the Advisory Committee of WAC (2010-2014), and a member of the Nominating Committee of WAC (2010-2014), Chairman of the International Committee of the ECD-ACerS (2009-2012), Chair of Ross Coffin Purdy Award Committee of ACerS (2015). He also serves as Editor of JACerS, Principle Editor of JMR, vice Editor-in-Chief of JMST and an editorial board member of 7 international journals.

He serves as a member of international advisory board and academic committee. He also served as lead symposium organizer of “Materials for Extreme Environments: Ultrahigh Temperature Ceramics (UHTCs) and Nanolaminated Ternary Carbides and Nitrides (MAX Phases)” as well as lead symposium organizer of “Computer design and modeling” in a number of international conferences.