

(Photo)	Name	Riping Liu	Date of Birth	1963.11
	Degree	Ph.D	Title	Professor
	Schools & Departments	College of Materials Science and Engineering, Yanshan University	Academic Posts	Chinese Materials Research Society executive director
	Website		E-mail	ripping@ysu.edu.cn
Research Field:				
<p>Focusing on metastable material design, preparation methods (quenching, strong deformation treatment, microgravity preparation), and the key technical problems on application technology, such as the metastable phases obtained, low stability.</p> <p>Breakthrough technology: development new types of zirconium, palladium, and osmium alloy materials with both strength and high ductility, corrosion resistance, wear resistance, high stability.</p> <p>Engineering application area: aerospace components, coastal with extreme corrosion environment, space orbit local environment detection.</p>				
Education background & Professional Experiences:				
<p>B.E. Chongqing University, China, 1981.09-1985.07</p> <p>M.S. Beijing University of Technology, China, 1985.09-1988.07</p> <p>Ph.D. Institute of physics, Chinese academy of sciences, Condensed Matter Physics, 1995.09—1998.07</p> <p>Humboldt Research Fellow, DLR, Germany, 1998.10-2000.03</p> <p>Cambridge University, European Funding, 2000.03-2000.09</p> <p>Vice dean, Yanshan University, Dept. Mater.Sci. & Eng; Director, Hebei Key Laboratory of Metastable Materials Science and Technology, 2001.08—2007.04</p> <p>Director, State Key Laboratory of Metastable Materials Science and Technology, 2007.04-present</p>				
Teaching & Research:				
<p>Teaching:</p> <p>Heat Treatment Equipment, Introduction to Crystallography, Heat Treatment Principles, Scientific English, Metallurgy. Besides, being the speaker of a series of forums-“Materials Science and New Progresses of Advanced Materials”.</p> <p>Prize:</p> <p>The second prize of National Technological Innovation, 1 project</p>				

The second prize of National Scientific and Technological Progress, 1 project

The first prize at the ministerial and provincial-level, 4 projects

National invent patent, 27 items

More than 360 articles and 2 textbooks have been published in academic journals such as PRL, Acta Mater. , all of which are indexed by SCI. Served as the president of

The First International Forum on Metastable Materials

Invited talks, more than 20 times

Host/ PI :

National 973/863 Plan (PI); National Outstanding Youth Science Funding; Key Program of the National Science Foundation of China; National Science Foundation of China; Administration of Science; Technology and Industry for National Defense, and other more than 10 provincial and ministerial projects.