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Feng Peizhong received his bachelor's degree in Materials Science and Engineering from China University of Mining and Technology (CUMT) in 1998, his master's degree in Mechanical Design and Theory (Surface Engineering) from CUMT in 2003, and his Ph.D. in Materials Science from the University of Science and Technology Beijing (USTB) in 2007. He then joined the faculty at CUMT.

Dr. Feng has received six research grants from the National Natural Science Foundation of China (NSFC), published over 100 international papers, and holds more than 10 Chinese patents. In 2012, he was awarded a Jiangsu Province Qinglan Project Foundation and, in the same year, received a CSC Fellowship, which supported his one-year research visit to the University of Liverpool (UK) from October 2012 to October 2013. In 2015, he visited Luleå University of Technology in Sweden from May to June as part of the Erasmus Program.

He has received several awards for his contributions to science and technology, as well as graduate education, from the Jiangsu Provincial People's Government. Dr. Feng collaborates internationally with scientists from Serbia, Sweden, Russia, Poland, and other countries.

His research focuses on porous intermetallic materials (Ti-Al, Ni-Al, Fe-Al systems), ultra-fine nanoparticles (CeO_2 , Bi_2O_3), combustion synthesis methods (SHS, thermal explosion, and solution combustion synthesis), MoSi_2 heating elements operating up to 1800°C , high-temperature anti-oxidation coatings (MoSi_2 -based), and the recycling of waste materials such as MoSi_2 and slag.