

**Ru WANG**

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Ru Wang, a professor in Tongji University, has devoted to teaching and research in the field of Materials Science for many years. Her research work has been focused on the basic theory and engineering application of polymer-cement based composite materials, especially the chemical reaction process of polymer-modified cement based materials, exploring the relationship between the chemical reaction and microstructural evolution and their influence on the physical and mechanical properties, putting forward the feasibility of using polymer reasonably to prepare new polymer-cement based functional building materials from the perspective of science, safety and environmental protection. She had studied materials science since 1994 in Sichuan University and earned her PhD in 2003. As a post doctor, she had been working in Tongji University from 2003 to 2005 and in Vienna University of Technology from 2005 to 2006. Then she started to work at School of Materials Science and Engineering, Tongji University, as a lecturer, associated professor, and was appointed as Professor in 2012. She had been working in Columbia University in the City of New York as a visiting scholar from 2010 to 2011. In 2018, she was elected as the vice-president of the International Congress on Polymers in Concrete.

#### Selected papers

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