

Project Title

The interfacial assembly and synthesis of ordered mesoporous materials for applications



Researcher

Prof. Dongyuan Zhao

Country	▶ China
Field	▶ Materials & Metallurgy, Chemistry
Scientific Affiliation	▶ Fudan University

Abstract

Prof. Zhao's research is focused on interfacial assembly of ordered mesoporous materials for applications of catalysis, energy and water purification. Dongyuan has made many breakthroughs, pioneering works in synthesis of ordered mesoporous materials, and significantly contributed in the international mesostructured materials community. He has discovered a family (FDU) of novel mesoporous materials which have been widely used in the world. Specifically, Dongyuan is actively engaged in developing and implementing innovative strategies for industry applications of mesoporous materials. The creation of several large-scale preparation methods has been used as industrial catalysts in petroleum process for heavy oil hydrocracking.

Biography

Dongyuan Zhao was born in Northeastern of China; he received B.S. (1984), M.S. (1987) and PhD (1990) from Jilin University. Now he is a Cheung-Kong Professor in Department of Chemistry at Fudan University. He was a member of Chinese Academy of Sciences and The Third World Academy of Science (TWAS), President of International Mesostructured Materials Association (IMMA). He is now appointed as senior Editor of ACS Central Science. He published more than 680 peer-review papers, 50 patents and is listed as one of highly cited researchers ISI in both Chemistry and Materials Science fields.

