

Brief Biography for Professor Qiang Xu

Family name: Xu
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Education

Doctor Degree of Engineering, Nanjing University of Science and Technology, 2000.3
Master degree, Nanjing University of Science and Technology, 1995.3,
Diploma, Nanjing Power College, 1990.7

Working experience

1. 2010.5 to present professor, Nanjing University of Science and Technology
2. 2002.4 -2010.4, associated professor, Nanjing University of Science and Technology
3. 1996.10-2002.4, senior research fellow, Nanjing University of Science and Technology
4. 1990.8-1996.10, research fellow, East China Institute (in 1993 East China Institute changed its name to Nanjing University of Science and Technology)
5. 2000.8-2002.8, Post Doctoral Fellow at the State Key Laboratory of Fire Science

Oversea working experience

1. 2017.4.17-6.16, The National Scholarship Programme of the Slovak Republic for the Support of Mobility of Students, PhD Students, University Teachers, Researchers and Artists, Flammability and fire behavior research of selected polymers for energy efficient buildings, Technical University in Zvolen, Slovak
2. 2014.3-2014.8, Senior visiting scientist at "Risk Management / Fire Research Group", VTT Technical Research Center of Finland
3. 2005.8-2006.8, Post Doctoral Fellow at "Fire Technology Group" in Commonwealth Scientific and Industrial Research Organisation, Australia

Research interest

Characterization of flammability, Ignition and Flame Spread, Measurement and Test Methods for fire safety research, Calorimetry and Experimental Thermodynamics; Kinetics.

Research grants

1. Study of the flammability characterization and fire behavior prediction method for melt-shrink thermoplastics, Nature Science Fund of China, No.51376093, (project leader), 2014.1-2017.12
2. Study of the multi-phase spread of insulate fire inside sandwich structure and prediction method, Nature Science Fund of China, No. 51076065, (project leader), 2011.1-2013.12
3. Study of tracing source method for heat flux measurement in fire safety experiment, Nature Science Fund of China, No. 50876045, (project leader), 2009.1-2011.12

4. Joint time-frequency analysis of flame structure diagnosis, Nature Science Fund of China, No. 50206022, (project leader), 2003.1-2005.12
5. Study of scaling effect of water mist suppressing technology and evaluation method, Nature Science Fund of Jiangsu Province, No. BK2008416, (project leader), 2008.1-2010.12
6. Study of heat flux distribution of Class A fire, Fund of State Key Laboratory of Fire Safety Science, No.HZ2007-KF11, (project leader), 2008.1-2009.12
7. Characterize flammability for thermoplastics, Fund of State Key Laboratory of Fire Safety Science, No.HZ2012-KF05, (project leader), 2013.1-2014.12