



Department: School of Chemical Engineering
Professional field: Chemical Engineering and Technology
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Profile

Education

2006: PhD, East China University of Science and Technology, China.

1995: MS, East China University of Science and Technology, China.

1990: BS, East China University of Science and Technology, China.

Academic Experience

2001-present: Associate Professor, School of Chemical Engineering, ECUST, China.

1995-2000: Lecturer, East China University of Science and Technology, China.

1990-1992: Research Engineer, Shanghai Petroleum commodity Institute (a Department of Sinopec Group)

Research Field

Petroleum Products Quality Improvement and additives research and development, covering gasoline, diesel oil, lubricants, Sulfur

Research results and selected published papers

1. The effects of a demulsifier on the interface of marine engine oil. *Lubrication Science*, 2011, 23(6): 293-298
2. CN Patent: Additive for improvement of demulsifying properties of lubricating oils, CN101565650B, granted in July 25, 2012.
3. Phase Behavior of Microemulsions with Lubricant Base Oil as the Oil Phase. *Lubrication Science*, 2009, 21: 289-296.
4. Study on Preparation of Wax Microemulsion with Uniform Design. *Shanghai Chemical Industry*, 2012, (7): 3-8.
5. Book: *Petroleum Products Additives*, East China University of Science and Technology Press, 2011.
6. Book: Chapter 8 in 'Modern Fuel and oil Manual', Sinopec Press, 2009.
7. CN Patent: Preparation and Application of a sulfur-free and phosphorus-free Molybdenum Antioxidant, CN102533362A, granted in April 27, 2014.
8. CN Patent: Application of silica copolymer, CN102020769B, granted in June 6, 2012.
9. Comparing the Corrosivity of Acidic Species in Petroleum Fractions by Raman Spectroscopy, Energy-Dispersive Spectrum and Scanning Electron Microscopy. *Petroleum Science and Technology* (accepted)
10. The distribution of corrosive acidic compounds in petroleum fractions. *Petroleum Science and Technology*, 2016, 34(23): 1880-1886.
11. The study on chemicals affecting color scale of re-refined lubricants by IR and pyrolysis GC/MS. *Acta Petroei Sinica (Petroleum Processing Section)*, 2016, 32(1): 132-142.