

Wang Ying

Born in July 1976, associate professor and master's tutor.

2002-2005, studying in Donghua University, major is material science and engineering, doctor.

2005.11-now, teaching in Dalian University of industry.

2010-2012, Studying in Donghua University, major is textile science and engineering, post-doctor.

Research field

Hemp fiber degumming and processing technology

No- needle electrospinning technology

Representative works and papers

1. Hydrolysis of Hemicellulose to Produce Fermentable Monosaccharides by Plasma Acid, Carbohydrate Polymer,2013, 排名 1, SCI (4.019) , cited 7。
2. Dissolution and Regeneration in Films of Natural Luffa in 1-butyl-3-methylimidazolium Chloride, Journal of Macromolecular Science, Part B,2015,排名 1, SCI (0.619)
3. Optimum Plasma Surface Treatment of Luffa Fibers, Journal of Macromolecular Science, Part B, 2012,排名 1,SCI (0.739) , cited 2,
4. The Uniform Si-O Coating on Cotton Fibers by an Atmospheric Pressure Plasma Treatment, Journal of Macromolecular Science, Part B, 2011, 排名 1,SCI (0.739)
5. Plasma Treated TiO₂ Nanoparticles for Dispersion Enhancement, Plasma Science and Technology,2009,排名 1,SCI (0.553)
6. Evidence of hydroxyl radical created by DBD plasma in water and its application in dye wastewater remediation, Functional Materials, 2016, 排名 1, EI
7. W-doped TiO₂ Preparation and Photocatalytic Degradation of Guaiacol, Applied Mechanics and Materials,2014,排名 2, , EI
8. The Formation of Plasma Acid at Atmosphere Pressure and Its Application in Hydrolysis of Microcrystalline Cellulose, Advanced Materials Research, 2013, 排名 2, , EI
9. The Dye Adsorption Behaviors of Luffa Fibers Treated by Atmospheric Plasma , 2011 TBIS Proceedings, 排名 2, , ISTP
10. The Surface Characterization of Chinese Luffa Fibers after Chemical Pre-treatment, 2010 TBIS Proceedings, 排名 1, ISTP

Research and teaching achievements

1. Cotton / wool hemp fiber production technology, Two prize for scientific and technological progress in Liaoning, (2012-J2-44-06)
2. Three prize for the academic papers of the academic achievements of Natural Science in Liaoning, 2014
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3. Two prize for the academic papers of the academic achievements of Natural Science in Liaoning, 2009
4. Two prize for the academic papers of the academic achievements of Natural Science in Dalian, 2008
5. Excellent master thesis instructor of Dalian University of industry, 2014