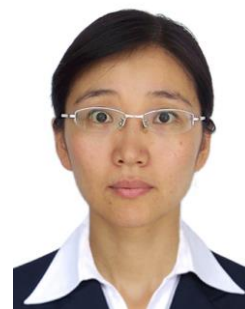




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Sex: Female
Birth date: Apr.1981
Nationality: Chinese
Health: Good
Marital status: married
Hobby: Traveling



◆ EDUCATION

1998.9-2002.7 Qiqihar University Bachelor
2002.7-2007.6 South China University of Technology Ph.D

◆ WORK EXPERIENCE

2007.7 till now Dalian Polytechnic University Associate professor
2012.2-2013.2 University of New Brunswick Visiting Scholar

◆ RESEARCH FIELD

The main research direction focus on the study of sticky removal in papermaking process, the research of biomass based hemicellulose functional materials, the development of the diatomite functional materials with high value and some special paper materials, the treatment application of the functional materials mentioned above for dye wastewater and heavy metal ion wastewater.

◆ RESEARCHES

2011-2012 Key laboratory project of SCUT 20000RMB
2012-2013 Youth fund of Dalian polytechnic university 20000RMB
2013-2015 National Science Foundation of China 230000RMB
2013-2016 program for high school excellent talent of Liaoning 60000RMB
2016-2017 Key laboratory project of SCUT 30000RMB
2016-2017 Key laboratory project of Nanjing Forestry University 10000RMB
2016-2017 Dalian technology bureau project 100000RMB
2011-2012 Enterprise cooperation project 50000RMB
2014-2017 Enterprise cooperation project 100000RMB

◆ PAPERS

1.Preparation of Hemicellulose-containing Latex and its Application as Absorbent toward Dyes. Journal of Materials Science. 2015,50,(4):1673-1678.



- 2.Synthesis and characterization of super-absorbent hydrogels based on hemicellulose. Journal of Applied Polymer Science. 2015,132(34):42441-42446.
- 3.Hemicellulose-based absorbent toward dye: adsorption equilibrium and kinetics studies. Journal of environmental informatics. 2014,24(1): 32-38.
- 4.Kinetics and equilibrium studies from the methylene blue adsorption on diatomite treated with sodium hydroxide. Applied clay science. 2013.83-84(10):12-16.
- 5.Preparation and properties of diatomite based antibacterial inorganic material. Journal of materials engineering. 2016,3(44):72-76.
- 6.Preparation and properties of functional coating with diatomite loading titanium. Journal of functional materials. 2015,22:22141-22144.
- 7.Simple and rapid preparation of chitosan based superabsorbent hydrogels and its characterization. Journal of materials science and engineering. 2015.6:231-234.
- 8.Effect of screen printing technology on the printing results of diatomite wallpaper. Packing engineering. 2014.35(23):143-148.
- 9.Effect of alkaline treatment on properties of diatomite. Technology of water treatment. 2013.39(6):34-36.
- 10.Thermodynamic study of methylene blue adsorption onto diatomite treated with sodium hydroxide and its purified process. Bulletin of the chinese ceramic society. 2012.31(6):1593-1598.
- 11.Effect of Diatomite on DCS in White Water during the Process of Waste Paper Recycling. Chemistry and industry of forest products. 2012.1:80-84.
- 12.Patent: Preparation of a novel environmental diatomite wallpaper; ZL 2011 1 0222047.9, It realized technical transformation for 1.5 million RMB.
- 13.Patent: Preparation and application of a novel antibacterial diatomite based coating, 20140015469.2