


Information				
Name	Ying Xia	Sex	Female	
Title	Professor	Record of formal schooling	Doctor	
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Detailed introduction

Ying Xia was born in July 1966. She graduated from Dalian Institute of Light Industry in 1989 and received a bachelor's degree. She graduated from Dalian University of Technology in 1996 with a master's degree. She graduated from Dalian University of Technology in 2008 and received a doctorate in engineering. As a senior visiting scholar, she studied for three months in Gunma University, Japan. In 2006 she won the title of the outstanding young teacher of Liaoning Province. She won the title of school-level famous teacher in 2012 and 2015, respectively. In 2017 she won the title of provincial level famous teacher. She is a reviewer of the national core Chinese periodicals and a communication expert of graduate student's excellent degree thesis of degree and graduate education development center of ministry of education ministry of education.

Research direction (field)

The main research direction is about polymer materials processing, modification and fiber composites. In the last five years, she was responsible for or participated in many projects, such as national natural science fund project, Liaoning natural science fund project, Liaoning province education hall project, Dalian science and technology project, Dalian youth science and technology fund project, Dalian construction committee project and enterprise's projects. More than 60 research papers were published. Of which, 11 papers was included by SCI and EI. 3 books were published also. 9 patents were authorized by China. As the main member, Ying Xia won the first prize of science and technology award of 2015 China light industry federation, and won the second prize for science and technology award of Dalian in 2016.

Representative Publications

- [1] Synergistic effect of MMT and IFR on flame retardance enhancement of ABS., Polymer plastics technology and engineering, 2007, 46(3): 227-232, SCI.
- [2] Characterization and properties of ABS nanocomposites prepared by functionalized montmorillonite masterbatch. , Polymers & polymer composites 2007, 15(8): 639-646. SCI.
- [3] Characterization of functionalized masterbatch of montmorillonite and its application in preparing ABS nanocomposite., Polymer plastics technology and engineering, 2007, 46(12): 1173-1179, SCI.
- [4] The analysis of synergistic effect of zeolite applied in intumescent halogen-free flame retardant ABS composites. , Polymer plastics technology and engineering, 2008,4(6): 613-618, SCI.
- [5] Synthesis and Characterization of A New Kind of Flame Retardant Thermotropic Liquid Crystal Containing 1,8-octanediamine Softsegment. , Polymer-Plastics Technology and Engineering, 2013,52(1):1-6, SCI.
- [6] Study on Kenaf Flame Retarded by Halogen-free Flame Retardant/HIPS Composites, 2014, Fibers and Polymers,2015,(10):2181-2185, SCI.
- [7] Study on in situ reinforced composites of thermoplastic resins: A novel TLCP with low melting temperature, Journal of Thermoplastic Composite Materials, 2016, 29(1):37–47, SCI.
- [8] Study on The Toughening Mechanism of PP/EVA Dynamically Crosslinked Blends, Journal of Macromolecular Science–Pure & Applied Chemistry, 2016, 53(8):523-529, SCI.
- [9] Preparation of high-impact ABS with flame retardance, Modern Chemical Industry, 2004(06): 26-29. EI
- [10] Synergistic effect of zinc borate in intumescent halogen-free flame retardant ABS composite, China Synthetic Resin and Plastics, 2007, 24(4): 23-27. EI
- [11] Study on the Melt Saponification of EVA and its Dynamically Vulcanized PP/EVA Blends, Journal of Chemical Engineering of Chinese Universities, 2014, 28(2): 330-335. EI

Patents:

1. The invention relates to a low melting point flame retardant thermotropic liquid crystal copolyester containing phosphorus nitrogen and its synthesis method, ZL201010602958.X
2. The invention relates to the novel phosphorus-containing thermotropic liquid crystal copolyester, its preparation method and application, ZL201110451078.1
3. The invention relates to Halogen free flame retardant epoxy resin building structural adhesive and its preparation method, ZL201110229002.4
4. The invention relates to modified polypropylene materials toughened by EVA dynamic vulcanization and its preparation method, ZL201110407054.6
5. The invention relates to a Polypropylene modified by toughening and its preparation method, ZL201110308569.0
6. The invention relates to a composite modified magnesium hydroxide/polypropylene high impact halogen-free flame retardant composite and its preparation method, ZL.201210077136.3
7. The invention relates to a low melting point liquid crystal ionomer and its synthetic method thereof, ZL.201310164635.0
8. The invention relates to a kind of flame retardant liquid crystal ionomer and its synthesis method, ZL.201310287166.1
9. The invention relates to a flame retardant monomer and its preparation methods and uses, ZL.201510661886.9