

Hongting Pu

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PERSONAL DETAILS:

Gender: Male

Date of birth: September 4, 1966

Home address: Liangcheng Road 139/21/101, Shanghai, 200434, China

Marital status: Married

EDUCATION

2000	Post-doctoral	Polymer Science	Max Planck Institute for Polymer Research, Germany
1996	Ph. D.	Polymer Materials	Shanghai Jiaotong University
1993	M.S.	Polymer Chemistry	Shanghai University
1988	B.E.	Polymer Materials	Changzhou University

POSITIONS HELD

9/16 – present	<i>Professor</i> , Department of Polymeric Materials, School of Mater. Sci. & Eng., Tongji University, Shanghai, China
6/03 – 8/16	<i>Professor, director</i> , Institute of Functional Polymers, School of Mater. Sci. & Eng., Tongji University, Shanghai, China
7/08 - 1/09	<i>Visiting Faculty</i> , University of California, Santa Barbara, USA
1/06 - 2/06	<i>Visiting Faculty</i> , Max Planck Institute for Polymer Research, Mainz, Germany University of Stuttgart, Stuttgart, Germany
1/03 - 4/03	<i>Visiting Faculty</i> , The University of Southern Mississippi, Hattiesburg, USA
6/98 - 6/03	<i>Associate Professor, Chair (10/00 - 9/03)</i> , Dept. of Polym. Mater., School of Mater. Sci. and Eng., Tongji University, Shanghai, China
4/96 - 6/98	<i>Lecturer</i> , School of Mater. Sci. and Eng., Tongji University, Shanghai, China
7/88 - 9/90	<i>Assistant Engineer</i> , Changzhou Tianma Group Co., Changzhou, China

PROFESSIONAL RECOGNITION

Editorial Board, *Polymers*, (2021-)

Editorial Board, *Mediterranean Journal of Chemistry*, (2014-)

Editorial Board, *International Journal of Polymer Science*, (2014-2015)

Editorial Board, *Chemical Engineering (Chinese)*, (2007-)

Scientific Advisory Committee, Sci. & Technol. Foundation for Shanghai Automobile Industry, (2006-2010)

Editorial Board, *Macromolecules: An Indian J.*, (2005-)

Editorial Board, *Chemistry: An Indian J.*, (2005-)

Editorial Board, *J. Functional Mater. (Chinese)*, (2004-)

Advisory Committee, Polymer Chemistry Division of Shanghai Chem. & Chem. Eng. Society, (2001-2005)

Referee for more than 70 international and domestic journals, like *Science*, *J. Am. Chem. Soc.*, *Angewandte Chem.*, *Prog. Polym. Sci.*, *Macromolecules*, *Adv. Funct. Mater.*, *Adv. Energy Mater.*, *Polym. Chem.*, *Macromol. Rapid Commun.*, *Chem. Mater.*, *J. Power Sources*, *Int. J. Hydrogen*

Energy, J. Polym. Sci., Part A Polym. Chem., Langmuir, Polymer, J. Membrane Sci., Electrochim. Acta, Fuel Cells, Carbon, Science China, etc..

AWARDS

New Century Excellent Talents in Chinese Universities, 2006
Liguohao Prize, 2006
Shanghai Auroral Scholar, 2005
Excellent Young Teachers in Shanghai, 1999
Excellent Young Teachers in Tongji University, 1998
Yaohua Prize, 1997

CURRENT RESEARCH AREAS

Polymer electrolyte membranes
Polymer nanomaterials
Single-chain chemistry
Supramolecular polymers

PUBLICATIONS

261 refereed journal papers, 45 conference proceedings, citation > 3500, H-Index 34;
77 granted patents;
3 books.

SELECTED PUBLICATIONS

- (1) B. Shen, B. Sana, **H.T. Pu***, Multi-block poly(ether sulfone) for anion exchange membranes with long side chains densely terminated by piperidinium, **J. Membr. Sci.**, 2020, 615: 118537
- (2) Y.J. Li, **H.T. Pu***, Facile Fabrication of Multilayer Separators for Lithium-Ion Battery via Multilayer Coextrusion and Thermal Induced Phase Separation, **J. Power Sources**, 2018, 384: 408-416
- (3) F. Wang, **H.T. Pu***, Voltage-responsive single-chain polymer nanoparticles via host-guest interaction, **Chem. Commun.**, 2016, 52: 3516-3519
- (4) F. Wang, **H.T. Pu***, M. Jin, D.C. Wan, Supramolecular nanoparticles via single-chain folding driven by ferrous ions, **Macromol. Rapid Commun.**, 2016, 37(4): 330-336
- (5) H.T. Pu, Polymers for PEM Fuel Cells, **John Wiley & Sons, Inc.**, New Jersey, 2014
- (6) H.C. Luo, **H.T. Pu***, Z.H. Chang, D.C. Wan, H.Y. Pan, Crosslinked Polybenzimidazole via Diels-Alder Reaction for Proton Conducting Membranes, **J. Mater. Chem.**, 2012, 22(38): 20696-20705
- (7) P. Wang, **H.T. Pu***, M. Jin, Single-chain Nanoparticles with Well-Defined Structure via Intramolecular Crosslinking of Linear Polymers with Pendant Benzoxazine Groups, **J. Polym. Sci. Part A: Polym. Chem.**, 2011, 49(24): 5133-5141 (**Cover Paper**)
- (8) Y.S. Guan, **H.T. Pu***, D.C. Wan, Synthesis and Properties of Poly[2,2'-(4,4'-(2,6-bis(phenoxy)benzotrile))-5,5'-bibenzimidazole] for Proton Conducting Membranes in Fuel Cells, **Polym. Chem.**, 2011, 2(6): 1287-1292
- (9) H.Y. Pan, **H.T. Pu***, D.C. Wan, M. Jin, Z.H. Chang, Proton Exchange Membranes Based on Semi-Interpenetrating Polymer Network of Fluorine-containing Polyimide and Nafion®, **J. Power Sources**, 2010, 195(10): 3077-3083
- (10) **H.T. Pu***, Y.J. Qin, D.C. Wan, Z.L. Yang, Proton-Conducting Polymers via Free Radical Polymerization of Diisopropyl-p-Vinylbenzyl Phosphonate and 1-Vinylimidazole, **Macromolecules**, 2009, 42(8): 3000-3004