吴奇

<https://faculty.ustc.edu.cn/wuqi/zh_CN/index.htm>

教师姓名：吴奇

教师拼音名称：wuqi

电子邮箱：chiwu@ustc.edu.cn

联系方式：63606741

学位：博士

职称：教授

所属院系：化学与材料科学学院

学科：

个人简介

教育经历

[1] 1982年2月从中国科技大学近代化学系 化学物理专业毕业

[2] 赴美国纽约州立大学石溪分校求学，师从朱鹏年教授。

[3] 1987年9月获化学博士学位

工作经历

[1] 1987年9月获化学博士学位后，任博士后研究员至1989年5月

[2] 1992年8月起在香港中文大学任教，历任英制讲师（1992-1996）、教授（1996-1999）、化学讲座教授（1999-2010）和伟伦化学讲座教授（2010-至今）

[3] 于1995年受聘在母校兼职

社会兼职

[1] 曾先后荣任国内多所大学和研究所的兼职、客座、顾问和荣誉教授

[2] 任德国《Macromolecular Journals》执行顾问编委

[3] 于 2006起为美国化学会期刊《Macromolecules》副主编

[4] 《Polymer》和《Langmuir》编委

[5] 英国皇家化学学会邀请会士

[6] 美国物理学会会士

研究方向

（1）“集 合成化学，高分子物理和分子生物 之成，设计和执行决定性的实验来回答一些与大分子，生物以及胶体有关的重要问题

（2）分子药物非病毒载体的设计与研发

（3）与神经退化型疾病有关的蛋白聚集的成核过程

（4）功能性大分子的设计，合成和自组裝

（5）大分子溶液和凝胶网络的动力学与结构

（6）难解和特殊高分子的分子特性

Wu Qi

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Name: Wu Qi

Chinese Pinyin: Wu Qi

E-mail: chiwu@ustc.edu.cn

Contact Number: 63606741

Degree: Ph.D.

Title: Professor

Affiliation: School of Chemistry and Materials Science

Discipline:

Personal Profile:

Educational Background:

[1] Graduated in February 1982 from the Department of Modern Chemistry of the University of Science and Technology of China, majoring in Chemical Physics

[2] Studied under Professor Zhu Pengnian at the State University of New York at Stony Brook

[3] Received a Ph.D. in Chemistry in September 1987

Work Experience:

[1] Postdoctoral Researcher from September 1987 to May 1989 after obtaining a Ph.D. in Chemistry

[2] Joined the Chinese University of Hong Kong in August 1992, serving as a British System Lecturer (1992-1996), Professor (1996-1999), Chair Professor of Chemistry (1999-2010), and Wei Lun Chair Professor of Chemistry (2010-present)

[3] Part-time appointment at the University of Science and Technology of China since 1995

Social Engagements:

[1] Adjunct, visiting, advisory and honorary professor roles at various universities and research institutes in China

[2] Executive Advisory Editorial Board Member for the German "Macromolecular Journals"

[3] Associate Editor for the journal "Macromolecules" of American Chemical Society since 2006

[4] Editorial Board Member of "Polymer" and "Langmuir"

[5] Fellow of the Royal Society of Chemistry

[6] Fellow of the American Physical Society

Research Directions:

(1) Integrating synthetic chemistry, polymer physics, and molecular biology to design and execute decisive experiments, addressing important questions related to macromolecules, biology, and colloids

(2) Design and development of non-viral molecular drug carriers

(3) Nucleation processes of protein aggregation related to neurodegenerative diseases

(4) Design, synthesis, and self-assembly of functional macromolecules

(5) Dynamics and structure of macromolecular solutions and gel networks

(6) Molecular characteristics of complex and special macromolecules