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储焰南

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【关闭】



Yannan CHU, born in 1965, PhD, Professor, group director, Laboratory of Environmental Spectroscopy, Anhui Institute of Optics & Fine Mechanics, Hefei Institutes of Physical Science, Chinese Academy of Science. The interesting fields mainly include molecular or ionic interaction, spectroscopy, mass spectrometry, and environmental pollutants online monitoring technique. The current studies focus on chemical ionization mass spectrometry, optical emission spectrum, and molecular reaction dynamics related to the pollutant plasma controlling processes.

Dr. Chu ever worked as a guest scientist at Innsbruck University of Austria to study the electron impact ionization/attachment to molecules and clusters of atmospheric relevance. He visited Keele University of England for the online analysis of trace volatile organic compounds via chemical ionization mass spectrometry. Dr. Chu undertook some projects supported by the National Natural Science Fund of China and the Chinese Academy of Science. He had over 60 papers published in peer-reviewed scientific journals and won the Natural Scientific Award of Chinese Academy of Science in 1998. There are 4 students for PhD and 12 students for M.S. graduated in his group. Students with physics and electronics background are welcomed.

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个人简介

储焰南, 1965年生, 博士, 安徽光机所环境光学中心环境光谱学研究室研究员, 博士生导师。主要以光谱和质谱为手段, 研究分子/离子相互作用, 并发展痕量污染物光谱和质谱在线监测方法。目前重点发展环境痕量污染物化学电离质谱、离子迁移谱、荧光光谱监测技术, 并开展污染物等离子体降解微观过程研究。

曾在奥地利Innsbruck大学做访问学者、英国Keele大学从事合作项目研究, 进行大气分子及团簇的电子碰撞电离和电子捕获、以及痕量挥发性有机物化学电离质谱在线分析检测研究。承担国家自然科学基金等研究项目多个。发表论文60余篇, 曾获中科院1998年度科研成果自然科学二等奖。已培养和协助培养博士研究生4名、硕士研究生12名。可招收物理、电子学相关专业研究生。

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