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【个人简介】

王荣民: 理学博士, 教授 (二级), 西北师范大学 高分子化学与物理专业 硕士、博士生导师; 教学名师。出生年月: 1966.10; 籍贯: 甘肃临潭。1988年获西北师范大学理学学士, 1991年获中科院兰州化物所理学硕士学位; 1998年获中科院兰州化学物理研究所博士学位; 2003-2004日本早稻田大学博士后。1991-1992西藏大学援藏教师; 2000年中科院兰州化物所羰基合成与选择氧化国家重点实验室 客座研究员; 2004-2006日本早稻田大学 (Waseda University) 客座教授。2011.8-10澳大利亚RMIT大学访问学习。甘肃省青年科技奖获得者; 甘肃“五四”青年奖获得者; 甘肃省“333人才工程”第一、二层次人选。入选教育部“新世纪优秀人才支持计划”。中国化学会会员; IUPAC青年会员; J. Mol. Cat. A: Chem., 2000, 159(1) 客座编辑 (Guest Editor); Polym. Adv. Techn., 2001, 12 (11-12) 编辑 (Editor)。

【研究领域和兴趣】

- 1) 环境友好高分子的制备与功能研究: 首次提出“高分子类卟啉金属络合物”概念, 以核心结构与部分酶活性中心金属卟啉类似的金属络合物等担载于无机有机高分子载体等, 制得具有催化活化分子氧功能的新型高分子类卟啉金属络合物。实现温和条件下氧气氧化烃类化合物的反应。
- 2) 天然高分子的功能化与再利用研究: 从廉价高分子角度开发与利用废弃蛋白质、多糖等天然高分子资源。
- 3) 新型生态相关高分子材料研究: 生物可降解高分子絮凝剂的制备及在食品加工废水处理中的应用研究; 新型天然高分子吸附剂的制备及应用研究; 新型呼吸涂料的制备与性能研究; 功能性高分子离子液的制备与性能研究。

【承担项目与科研成果】

主持研究5项国家自然科学基金项目和1项教育部重点项目, 参加多项国家自然科学基金项目, 其中1项为国家自然科学基金重点项目; 主持过多项省自然科学基金项目、教育厅基金项目和省环保局项目; 2011年教育部创新团队主要成员。在“J Am Chem Soc”、“Angew Chem”、“J Contr Rel”等国际国内重要学术刊物上发表论文200余篇; 申请国家发明专利50余件; 鉴定成果4项。获省级科技进步三等奖3项。转让应用成果4项并取得很高的经济效益。

【主讲课程与教学成果】

主讲本科生、硕士生及博士生的《化学信息检索》、《有机化学》、《有机化学实验》、《精细化学品化学》、《高分子化学》、《功能高分子》、《智能高分子》、《高分子合成技术》、《高分子前沿》等课程。

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其中,《化学信息检索》为甘肃省省级精品课程;《有机化学》为校级双语课程。

【专著与教材】

出版著作和教材6部(版)。2016年出版了《化学化工信息及网络资源的检索与利用》(第4版)(化学工业出版社);参编《精细有机品化学》(石油大学出版社,1996年);参编《酶化学》(化学工业出版社)2007。其中,主编的《化学化工信息及网络资源的检索与利用》获全国优秀畅销书(科技类)、中国石油和化学工业优秀图书奖二等奖、中国石油和化学工业优秀出版物奖(科技类)一等奖和甘肃省教学成果奖,并于2014年入选“国家十二五规划教材”。

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