



所受教育 职称职位 主持项目 研究领域 讲授课程 获得奖励 发表论文 会议论文 专利 论著 返回

所受教育

- 大学 (1978年) 安徽师范大学
- 进修 (1987年) 南京大学
- 高访 (1994年) 南京大学

职称职位

- 1978年-现在 安徽师范大学 助教 讲师 副教授 教授 硕士生导师

主持项目

1. 杯芳烃修饰核壳型量子点的制备及作为荧光探针识别和测定农药分子 (国家自然科学基金: 20875002)
2. N-硝基咪唑啉(烷)的合成及工艺研究 (省教育厅产学研项目)
3. Germall系列新型防腐剂的研究与开发 (校重点科研(产学研)项目: 2008Xzd002)
4. “类天然石材”新型无机胶凝材料的研究与开发 (市科技计划项目)
5. 香烟烟味改良剂研制 (主持)
6. 高氯化聚乙烯重防腐涂料研制 (参加)
7. 加强实践环节培养应化专业学生综合能力 (省教育厅教学研究项目: JYXM2003174)
8. 亲水、吸碱、抗静电聚丙烯膜的研制 (校皖泰应用开发项目)

研究领域

- 精细化学品应用与开发
- 新型有机试剂的合成及应用

讲授课程

- 有机合成, 精细化学品化学
- 精细化工, 精细化工工艺学
- 试剂专论, 食品化学, 日用化学品化学, 非金属材料

获奖情况

- “双丙酮烯酰胺的合成” 获皖泰科技开发应用二等奖

发表论文

1. Yunyou Zhou*, Chun Liu, Hongwei Xu, Huapeng Yu, Qin Lu, Lun Wang, Study on the fluorescence behavior of p-sulfonated calix[4,6]arene in cationic surfactant cetyltrimethylammonium bromide solution and its analytical application, Spectrochimica Acta Part A, 2007, 66, 919-923.
2. Yunyou Zhou*, Huapeng Yu, Li Zhang, Hongwei Xu, Lian Wu, Junyong Sun, Lun Wang. A new spectrofluorometric method for the determination of nicotine base on supramolecular inclusion complex between methylene blue and cucurbit[7]uril, Microchimica Acta, 0026-3672 (Print) 1436-5073 (Online)
3. Yunyou Zhou*, Junyong Sun, Huapeng Yu, Lian Wu, Lun Wang. Inclusion Complex of Riboflavin with Cucurbit[7]uril: Study in Solution and Solid State. Supramolecular Chemistry, 2008, 1-8.
4. Yunyou Zhou*, Hongwei Xu, Huapeng Yu, Liu Chun, Qin Lu and Lun Wang, Spectrofluorometric study on the

- inclusion behavior of p-(p-carboxyl benzeneazo) calix[4]arene with norfloxacin, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, Volume 70, Issue 2, July 2008, Pages 411-415
5. Yunyou Zhou*, Hongwei Xu, Lian Wu, Liu Chun, Qin Lu and Lun Wang, Spectrofluorimetric study on the inclusion interaction between vitamin K3 with p-(p-sulfonated benzeneazo)calix[6]arene and determination of VK3, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, Volume 71, Issue 2, 15 November 2008, Pages 597-602
 6. Yunyou Zhou*, Huapeng Yu, Li Zhang, Junyong Sun, Lian Wu, Qin Lu, Lun Wang, Host properties of cucurbit[7]uril: fluorescence enhancement of acridine orange, *J. Inclusion Phenom. Macrocyclic Chem.*, 2008, Volume 61, Numbers 3-4, 0923-0750 (Print) 1573-1111 (Online).
 7. Qin Lu, Yunyou Zhou, Junyong Sun, Lian Wu, Huapeng Yu, Hongwei Xu, Lun Wang*, Preparation and property screening of the solid inclusion complex of norfloxacin with p-sulfonated calix[4]arene, *Combinatorial Chemistry & High Throughput Screening*, 2007, 10, 480-485.
 8. Chun Liu, Zhong Fu, Huapeng Yu, Hongwei Xu, Lun Wang, Yunyou Zhou*, Spectrofluorimetric study on the inclusion behavior of p-sulfonated calix [6] arene with cetyltrimethylammonium bromide and analytical application, *Journal of Luminescence*, 2007, 126, 747-752.
 9. Lian Wu, Lijuan Jiao, Qin Lu, Erhong Hao and Yunyou Zhou. Spectrofluorometric studies on the interaction between oxacalix[6]arene-locked trizinc(II)porphyrins and crystal violet, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, Volume 73, Issue 2, 15 July 2009, Pages 353-357
 10. Qin Lu, Jiashan Gu, Huapeng Yu, Chun Liu, Lun Wang, Yunyou Zhou*, Study on the inclusion interaction of vitamin K3 and p-sulfonated calix[n]arenes using methylene blue as a spectral probe, *Spectrochimica Acta Part A*, 2007, 68, 15-20.
 11. Yunyou Zhou*, Qin Lu, Chun Liu, Shike She, Lun Wang, Spectrofluorimetric study on the inclusion interaction between lomefloxacin and p-sulfonated calix [4]arene and its analytical application, *Spectrochimica Acta Part A*, 2006, 64, 748-756.
 12. Yunyou Zhou, Chun Liu, Huapeng Yu, Hongwei Xu, Qin Lu, Lun Wang*, A preliminary investigation of complexation of dopamine by p-sulfonated calix[4, 6] arene and β -cyclodextrin using fluorescence spectrometry, *Spectroscopy Letters*, 2006, 39, 409-420.
 13. Yunyou Zhou*, Qin Lu, Chun Liu, Shike She, Lun Wang, Study on the inclusion behavior of p-sulphonatocalix[4]arene with 9-amino-acridine by spectrofluorometric titrations, *Spectrochimica Acta Part A*, 2006, 63, 423-426.
 14. Yunyou Zhou*, Qin Lu, Chun Liu, Shike She, Lun Wang, A novel spectrofluorimetric method for determination of lomefloxacin based on supramolecular inclusion complex between it and p-sulfonated calix [4]arene, *Anal. Chim. Acta*, 2005, 552, 152-159.
 15. Yunyou Zhou*, Shike She, Li Zhang, Qin Lu, Determination of proteins at nanogram levels using the resonance light scattering technique with a novel PVAK nanoparticle, *Microchim. Acta* , 2005, 149, 151-156.
 16. Leyu Wang, Yunyou Zhou, Lun Wang*, Changqing Zhu, Yongxin Li, Feng Gao, Synchronous fluorescence determination of protein with functionalized nanoparticles of CdS as a fluorescence probe. *Anal. Chim. Acta*, 2002, 466, 87-92.
 17. Shike She, Yunyou Zhou, Li Zhang, Leyu Wang, Lun Wang, Preparation of fluorescent polyvinyl alcohol keto-derivatives nanoparticles and selective determination of chromium(VI) , *Spectrochimica Acta Part A* ,2005,62, 711-715 .

会议论文

专利

论著

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