

一、个人基本情况

涂渝娇，女，1978年生，博士、副教授，昆明学院骨干教师。

二、主要学习经历

1998.9-2002.7 昆明理工大学，获化学工程与工艺学士学位

2004.9-2007.7 昆明理工大学，获应用化学硕士学位

2012.9-2020.7 昆明理工大学，获环境生物学博士学位

三、主要工作经历

2007.9-至今 昆明学院工作

四、主要研究方向

主要从事荧光功能材料的制备、分析检测及生物应用研究。

五、科研项目

主持云南省基础研究专项-高校地方联合面上项目 1 项，主持完成云南省教育厅教师类项目 1 项及校级项目多项。参与完成国家自然科学基金 1 项、云南省科技厅面上项目 1 项。

六、主讲课程

《化工原理》、《化工原理课程设计》

七、代表性论文

1. **Yujiao Tu**, Suping Wang, Xiaotian Yuan, Yunlin Wei, Kunhao Qin, Qi Zhang, Xuemei Chen, Xiuling Ji, A novel fluorescent nitrogen, phosphorus-doped carbon dots derived from Ganoderma Lucidum for bioimaging and high selective two nitrophenols detection. *Dyes and Pigments*, 2020, 178: 108316.
2. **Yujiao Tu**, Suping Wang, Xiaotian Yuan, Pengfei Song, Yunlin Wei, Kunhao Qin, Qi Zhang and Xiuling Ji, Hydrothermal synthesis of Auricularia auricula derived nitrogen, phosphorus-doped carbon dots and application in Ag (I), 4-nitrophenol detection. *Dyes and Pigments*, 2020, 12(17): 2237-2243.
3. **Yujiao Tu**, Suping Wang, Xiaotian Yuan, Yingying Xiang, Kunhao Qin, Yunlin Wei, Qi Zhang, Xuemei Chen, Xiuling Ji, Facile Hydrothermal Synthesis of Nitrogen, Phosphorus-doped Fluorescent Carbon Dots for Live/Dead Bacterial Differentiation, Cell Imaging and Two Nitrophenols Detection. *Dyes and Pigments*, 2021, 184:108761
4. Xiuling Ji, Suping Wang, Yiyong Luo, Xiaotian Yuan, Yunlin Wei, Qi Zhang, Kunhao Qin, **Yujiao Tu***, Green synthesis of weissella-derived fluorescence carbon dots for microbial staining, cell imaging and dual sensing of vitamin B₁₂ and hexavalent chromium. *Dyes and Pigments*, 2021, 184:108818
5. Xiuling Ji, Xiaotian Yuan, Hongjuan Nian, Pengfei Song, Yingying Xiang, Yunlin Wei, Suping Wang, Kunhao Qin, Qi Zhang, **Yujiao Tu***, Yeast *Cryptococcus Podzolicus* derived fluorescent carbon dots for multicolor cellular imaging and high selectivity detection of pollutant. *Dyes and Pigments*, 2020, 182:108621

八、联系方式

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