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## 吴宇

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## 简介

中国化学会会员。2014年在重庆大学获工学博士学位。2018年以访问学者身份赴美国密歇根大学化学系开展一年金属有机框架材料制备与应用研究。国际SCI学术期刊《Sensor. Actuat.B-Chem》、《Dalton.Trans》、《J.Solid.State.Chem》、《RSC.Adv》、《Inorg.Chem.Commun》邀请评阅人。主要从事《无机化学》、《无机化学实验》、《有机化学》、《有机化学实验》和《中级无机化学》等课程教学。

## 学术研究

主持四川省教育厅项目2项、自贡市科技局项目1项、四川省绿色催化高校重点实验室项目1项、四川理工学院人才引进项目2项、指导四川省大学生创新创业训练计划项目2项。主研国家自然科学基金2项、四川省科技厅项目2项。获授权发明专利3项。主要从事金属有机框架材料在荧光传感检测和光催化降解有机污染物领域的应用研究。迄今在《Food. Chem》、《J. Lumin》、《Organometallics》、《J. Solid. State. Chem》、《Inorg. Chim. Acta》、《J. Coord. Chem》、《Inorg. Chem. Commun》、《Z. Anorg. Al lg. Chem》、《Transit. Metal. Chem》、《无机化学学报》等学术期刊上发表论文40余篇，SCI收录论文30余篇。

## 承担项目

1. 四川省教育厅项目共2项（主持，结题和在研各1项）
2. 自贡市科技局项目1项（主持，结题1项）
3. 绿色催化四川省高校重点实验室开放基金1项（主持，结题）

## 代表性学术论文

- (1) **Yu Wu\***, Yulong Li, Xiren Wu, Miaomiao Luo, Like Zou, Qiuxia Xu, Shaoge Cai. An uncommon 3D (3,8)-connected metal-organic framework: Luminescence sensing and photocatalytic properties. *J. Solid. State. Chem.*, **2018**, 262, 256-263.
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- (3) Yu Wu\*, Jian Wu, Bin Xie, Like Zou, Yulong Li, Yaoyao Han. Designing functional metal-organic frameworks from a new tripodal carboxylate ligand: Fluorescence sensing and photocatalytic properties. *J. Lumin.*, **2017**, 192, 775-782.
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