教师简介

姓名：文作瑞

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个人学习经历：

博士：江苏大学，农业工程，（2018.09-2022.12）

硕士：海南师范大学，化学（2015.09-2018.07）

学士：淮北师范大学，材料化学（2011.09-2015.07）

个人工作经历：

2023.01-至今：安徽科技学院

科研项目：

2022.01-2025.12 国家自然科学基金面上项目（No. 2217040643）:光-电致变色可视化传感阵列构建及同时检测典型霉菌毒素应用研究（排名第二）

科研成果：

[1] Wen Zuorui, Ding, Lijun, Zhang Meng, You, Fuheng, Yuan, ruishuang, Wei, Jie, Qian Jing, Wang, Kun*, A membrane/mediator-free high-power density dual-photoelectrode PFC aptasensor for lincomycin detection in milk and chicken, Analytica Chimica Acta, 2023, 1245, 340880. (SCI 一区, I.F.= 6.911)

[2] Wen Zuorui, Zhu Weiran, You Fuheng, Yuan ruishuang, Ding Lijun, Hao Nan, Wei Jie, Wang Kun*, Ultrasensitive photoelectrochemical aptasensor for carbendazim detection based on in-situ constructing Schottky junction via photoreducing Pd nanoparticles onto CdS microsphere. Biosensors and Bioelectronics 2022, 203, 114036. (TOP, SCI 一区, I.F.= 12.545)

[3] Wen Zuorui, Ding Lijun, Zhu Weiran, You Fuheng, Wang Tianshuo, Hao Nan, Wei Jie, Wang Kun*, Enhanced photoelectrochemical aptasensing for sensitive detection of diazinon pesticide used N-hydroxyphthalimide as an effective hole mediator. Sensors and Actuators B: Chemical 2022, 367, 132101. (TOP, SCI 一区, I.F.= 9.221)

[4] Wen Zuorui, Niu Xueliang, Li Xiaoyan, Zhao Wenshu, Li Xiaobao, Ma Dongxue, Deng Ying, Sun Xiaohuan, Sun Wei*, Application of nanosized $LiFePO_4$ modified electrode to electrochemical sensor and biosensor. Current Analytical Chemistry 2018, 14, 452-457.(SCI 四区, I.F.= 2.374)

[5] Wen Zuorui, Li Xiaoyan, Niu Xueliang, Zhao Wenshu, Cheng Yong, Ma Qianwen, Li Xiaobao, Li Guangjiu, Sun Wei*, Application of gold nanoparticle and three-dimensional graphene based electrode for sensitive voltammetric analysis of luteolin. International Journal of Electrochemical Science 2017, 12, 4847 - 4855. (SCI 四区, I.F.=1.541)

[6] Wen Zuorui, Zhao Wenshu, Li Xiaoyan, Niu Xueliang, Wang Xiuli, Yan Lijun, Deng Ying, Zhang Xi, Li Gaungjiu, Sun Wei*, Electrodeposited ZnO@three-dimensional graphene composite modified electrode for electrochemistry and electrocatalysis of myoglobin. International Journal of Electrochemical Science 2017, 12, 2306 - 2314. (SCI 四区, I.F.=1.541)

获奖情况：

第十五届“挑战杯”全国竞赛三等奖