

个人简历

个人信息

姓名：常开文
民族：汉
职称：讲师
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出生年月：1986.08
所在学系：医用化学系
行政职务：无
最后学历学位：博士研究生
毕业院校：吉林大学



从事专业及研究方向

- 生物医学光子学，二维纳米材料

教育背景及工作经历（按时间倒叙排列）

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|-------------------|--------|-------|-----|
| ● 2007.09-2011.07 | 安阳师范学院 | 化学 | 本科 |
| ● 2011.09-2013.08 | 吉林大学 | 物理化学 | 硕士 |
| ● 2013.09-2016.06 | 吉林大学 | 物理电子学 | 博士 |
| ● 2016.10-2017.11 | 澳门大学 | 生物光子学 | 博士后 |
| ● 2017.11-至今 | 新乡医学院 | 讲师 | |

参加项目（按时间倒叙排列）

- 国家自然科学基金，青年项目，81801750，近红外二区共轭聚合物纳米诊疗剂用于乳腺癌的诊断与治疗，2019-01至2021-12，21万，在研，主持
- 河南省自然科学基金，优秀青年项目，202300410310，智能纳米诊疗剂的构建及其对乏氧肿瘤精准诊疗，2020-01至2023-12，25万，在研，主持

代表性成果

- Conjugated Polymer Dots for Ultra-Stable Full-Color Fluorescence Patterning. **Kaiwen Chang**, Zhihe Liu, Haobin Chen, Lan Sheng, Sean Xiao-An Zhang, Daniel T. Chiu, Shengyan Yin, Changfeng Wu*, Weiping Qin*, *Small*, 10, 4270-4275. (IF=8.364)
- Silica-Encapsulated Semiconductor Polymer Dots as Stable Phosphors for White Light-Emitting Diodes. **Kaiwen Chang**, Xiaojun Men, Haobin Chen, Zhihe Liu, Shengyan Yin, Weiping Qin, Zhen Yuan and Changfeng Wu*, *J. Mater. Chem. C* 2015, 3, 7281-7285. (IF=5.066)
- Incorporation of Porphyrin to π -Conjugated Backbone for Polymer-Dot-Sensitized Photodynamic Therapy. Kaiwen Chang, Ying Tang, Xiaofeng Fang, Shengyan Yin, Hong Xu, and Changfeng Wu*, *Biomacromolecules*, 2016, 17, 2128-2136. (IF= 5.246)

- Enhanced Phototherapy by Nanoparticle-Enzyme via Generation and Photolysis of Hydrogen Peroxide. **Kaiwen Chang**, Zhihe Liu, Xiaofeng Fang, Haobin Chen, Xiaoju Men, Ye Yuan, Kai Sun, Xuanjun Zhang, Zhen Yuan, and Changfeng Wu*, Nano Lett. 2017,17, 4323–4329. (IF= 12.712)
- Highly Stable Conjugated Polymer Dots as Multifunctional Agents for Photoacoustic Imaging-Guided Photothermal Therapy. **Kaiwen Chang**“, Yubin Liu“, Dehong Hu, Qiaofang Qi, Duyang Gao, Yating Wang, Dongliang Li, Xuanjun Zhang, Hairong Zheng, Zonghai Sheng*, and Zhen Yuan*, ACS Appl. Mater. Inter. 2018, 10, 7012-7021. (IF= 7.504)
- Engineering biocompatible benzodithiophene-based polymer dots with tunable absorptions as high-efficiency theranostic agents for multiscale photoacoustic imaging-guided photothermal therapy. **Kaiwen Chang**“, Duyang Gao“, Qiaofang Qi, Yubin Liu and Zhen Yuan*, Biomater. Sci., 2019,7, 1486-1492. (IF = 6.183)
- Cardamonin induces G2/M arrest and apoptosis via activation of the JNK–FOXO3a pathway in breast cancer cells. Weiwei Kong, Chuang Li, Qiaofang Qi, Jiahui Shen*, **Kaiwen Chang***, Cell biology international, 2020, 44, 177-188. (IF= 3.612)
- Red-emitting fluorescent turn-on probe with specific isothiocyanate recognition site for cysteine imaging in living systems. Chunpo Ge, Huayu Wang, Tianjun Ni, Zhijun Yang*, **Kaiwen Chang***, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2021, 259: 119826. (IF= 4.098)
- Sodium fluoride activates the extrinsic apoptosis via regulating NOX4/ROS-mediated p53/DR5 signaling pathway in lung cells both in vitro and in vivo. Chao Song“, Dongmei Shi“, **Kaiwen Chang**“, Xianghui Li, Qing Dong, Xia Ma, Xuefei Wang, Zhenhuan Guo, Yonglu Liu, Jundong Wang*, Free Radical Biology and Medicine, 2021, 169, 137-148. (IF=7.3)
- 基于共轭聚合物纳米粒子的全色荧光防伪墨水，中国发明专利，ZL201410294081.0，吴长锋，常开文，秦伟平。