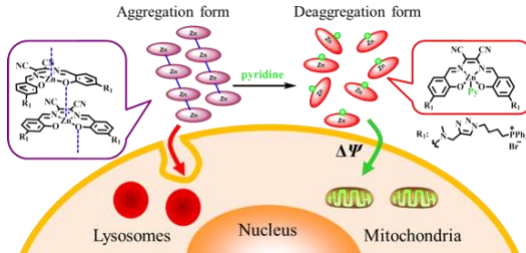
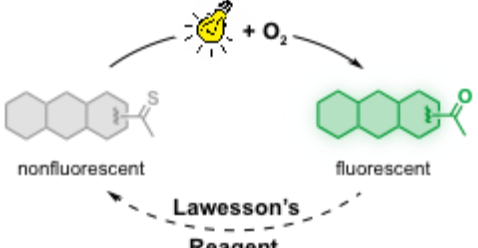
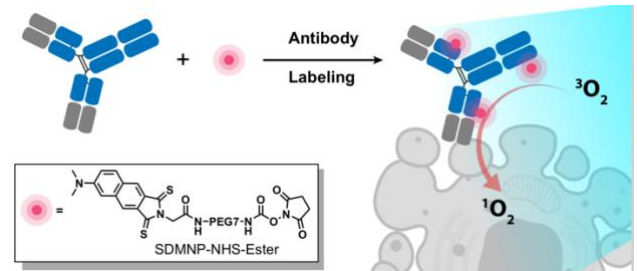


<u>基本信息</u>	
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<u>教育背景</u>	
2012.09-2017.07	北京大学，化学专业，理学博士
2008.09-2012.07	武汉大学，药学专业，理学学士
<u>工作经历</u>	
2020.12 至今	北京理工大学化学与化工学院，预聘副教授，博士生导师
2017.08-2020.06	美国莱斯大学，化学院，博士后研究员
<u>研究方向</u>	
<p>我的研究兴趣主要集中在化学与生命科学的交叉领域，旨在通过发展化学工具探测和调节生命过程，揭示生物事件的发生发展规律，为疾病的治疗提供新思路。</p>	
1.	发展低能量光可活化荧光探针监测细胞通讯动力学
2.	发展阴离子药物配体靶向性治疗癌症
3.	发展不含重金属的光敏剂用于癌症的光动力治疗
<u>承担项目</u>	
1.	北京理工大学青年教师学术启动计划(2021-2023)，主持
<u>研究成果</u>	
<p>迄今在国内外学术刊物及会议上发表学术论文 30 篇，其中 SCI 收录 26 篇，EI 收录 14 篇，两项美国专利正在审批。</p>	

1.	 <p>首次指出无机配合物分子间的配位自组装能够改变配合物的细胞行为，为设计金属配合物诊疗试剂提供新思路</p>
2.	 <p>发展迄今为止结构最小的单原子光开关，并将其用于超高分辨成像和生物事件的动力学监测。</p>
3.	 <p>发展不含重原子的光敏剂，探究其生物作用机制，为肿瘤光动力治疗提供新思路。</p>
<h3>代表性论文</h3>	
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3.	<p>Juan Tang,[#] Chenfei Yu, Axel Loredó, Yuda Chen, and Han Xiao*, Site-Specific Incorporation of a Photoactivatable Fluorescent Amino Acid, <i>ChemBioChem</i>, 2020, 22, 501</p>

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9.	Juan Tang , Da Xie, Hao-Yan Yin, Jing Jing and Jun-Long Zhang*, Cationic sulfonium functionalization renders Znsalens with high fluorescence, good water solubility and tunable cell-permeability, <i>Org. Biomol. Chem.</i> , 2016 , 14, 3360; front cover
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11.	Axel Loredó, [#] Juan Tang , [#] Lushun Wang, [#] Kuan-Lin Wu, Zane Peng and Han Xiao*, Tetrazine as a general phototrigger to turn on fluorophores, <i>Chem. Sci.</i> , 2020 , 11, 4410 ([#] contributed equally)
12.	Chenfei Yu, [#] Juan Tang , [#] Axel Loredó, Yuda Chen, Aviva Gordon, Chris Pennington and Han Xiao*, Proximity-induced Site-specific Antibody Conjugation, <i>Bioconjugate Chem.</i> , 2018 , 29, 3522 ([#] contributed equally)
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