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教育背景

复旦大学，光学，博士
哈尔滨工业大学，光学，硕士
吉林大学，光信息科学与技术，学士

研究领域

电荷转移；
超快非线性光学；
光功能材料激发态释能动力学调控；
光功能材料光学特异性的理论研究；

代表性成果

论文类：近年发表第一或通讯作者 SCI 论文 60 余篇，部分代表作：

- (1) D. Zhang, **Y.C. Wang***, et al., The role of peripheral F-/H-atoms and tert-butyl substituent in charge transfer of axially substituted titanium phthalocyanines, *Physical Chemistry Chemical Physics* 27 (2025) 6425 -6429
- (2) D. Zhang, **Y.C. Wang***, et al., Theoretical study on one- and two-photon absorption properties of several axially substituted titanium phthalocyanine derivatives, *Inorganic Chemistry Communications* 172 (2025) 113732
- (3) H.R. Ni, **Y.C. Wang***, et al., The influence of π -conjugate bridges on photoabsorption and intramolecular charge transfer characteristics of Diketo-Pyrrolo-Pyrrole derivatives, *Journal of molecular graphics and modelling* 138 (2025) 109037
- (4) X. Sun, **Y.C. Wang***, et al., Study on Charge Transfer and Photoabsorption Characteristics of N-Methylpyridinium Iodide Salt Fluorescence Probes, *Journal of Luminescence* 286 (2025) 121362
- (5) D. Zhang, **Y.C. Wang***, et al., Impact of axial and peripheral perfluoro-substitution on the photophysical properties of titanium phthalocyanines, *Journal of Physical Chemistry A* 129 (2025) 8911- 8921

	(6) H.R. Ni, Y.C. Wang*, et al., The Influence of Fluorene-Bridge Connecting strategies on Charge Transfer and Photoabsorption Characteristics of Multibranched Oligomers, <i>New Journal of Chemistry</i> 2025 DOI: 10.1039/D5NJ02853A (7) H.R. Ni, Y.C. Wang*, et al., The effect of terminal methoxyl substitution on photoabsorption and charge transfer characteristics of Diketo-Pyrrolo-Pyrrole derivatives, <i>Journal of Fluorescence</i> 2025 DOI: 10.1007/s10895-025-04434-4 (8) D. Zhang, Y.C. Wang*, et al., Effect of reverse conjugated structure on charge transfer and photoabsorption characteristics of multi-branched molecules, <i>Chemical Physics Letters</i> 856 (2024) 141662 (9) D. Zhang, Y.C. Wang*, et al., Effect of terminal substituents on intramolecular charge transfer in one- and two-photon absorption of Zinc phthalocyanine derivatives, <i>Journal of Photochemistry & Photobiology, A: Chemistry</i> 457 (2024) 115918 (10) D. Zhang, Y.C. Wang*, et al., One- and two-photon photophysical properties, ultrafast dynamics and DFT study of three modified zinc phthalocyanines, <i>The Journal of Physical Chemistry A</i> 128 (2024) 6402–6411
代表性项目	(1) 辽宁省教育厅科研项目面上基金，溶剂调控聚集态诱导荧光现象的机理及应用研究，2021/09-2023/09，已结题，主持 (2) 辽宁省自然科学基金面上项目，染料荧光探针发光性质及激发态释能动力学调控研究，2016/08-2018/08，已结题，主持 (3) 国家自然科学基金青年项目，多枝共轭体系光诱导电荷转移及发光动力学研究，2015/01-2017/12，已结题，主持
荣誉奖励	2015 年大连市青年科技之星 2019 年大连市青年才俊
社会兼职	教育部研究生学位论文评审中心评审人 Journal of Physical Chemistry A/B/C/Letter, Materials Today Physics, Chemical Physics Letters, Dyes and Pigments, Applied Physics Letters, Journal of Applied Physics, Journal of Luminescence, Journal of Fluorescence, Optics & Laser Technology 等杂志审稿人