温州大学数理学院
浙江温州，325035
Email：yilingsong_opt@163.com

宋怡玲（博士，讲师）

教育背景

2021 年 6 月 -2016 年 9 月　**博士研究生，**华中科技大学大学物理学院，理学博士

2012 年 9 月 -2016 年 6 月　**本科，**中南大学物理与电子学院, 工学学位

经历

工作经历

2021 年 7 月 -现在　**讲师，**温州大学数理学院

研究方向

非厄米拓扑光子学

论文

学术论文

[1] **Yiling Song,** Weiwei Liu, Lingzhi Zheng, Yicong Zhang, Bing Wang, Peixiang Lu. two-dimensional non-Hermitian skin effect in a synthetic photonic lattice. Physical Review Applied, 2020, 14(6):195501.

[2] **Yiling Song**, Weiwei Liu, Yan Qin, Xiaobo Han, Wancai Li, Xiaohonh Li, Hua Long, Dehui Li, Kai Wang, Bing Wang, Peixiang Lu. Photoinduced trap

passivation for enhanced photoluminescence in 2D organic–inorganic hybrid perovskites. Advanced Optical Materials, 2020, 8(7): 1901695.

[3] **Yiling Song**, Weiei Liu, Chen Fang, Dehui Li, peixiang Lu. Enhanced optoelectronic performance of 2D organic-inorganic hybrid perovskite through light-illumination. Optics Express, 2019, 27(21): 30618-30628.

[4] **Yiling Song**, Cong Zhang, Weiwei Liu, Xiaohong Li, Hua Long, Kai Wang, Bing Wang, Peixiang Lu. High-efficiency energy transfer in perovskite heterostructures. Optics Express, 2018, 26(14): 18448-18456.

[5] Abdelhamied Mostafa M, **Yiling Song**, Weiwei Liu, Xiaohong Li, Hua Long, Kai Wang, Bing Wang, Peixiang Lu. Improved photoemission and stability of 2D organic-inorganic lead iodide perovskite films by polymer passivation. Nanotechnology, 2020, 31(42): 42LT01.

[6] Xiaohong Li, Weiwei Liu, **Yiling Song**, Hua Long, Kai Wang, Bing Wang, Peixiang Lu. Two-photon-pumped high-quality, single-mode vertical cavity lasing based on perovskite monocrystalline films. Nano Energy, 2020, 68, 104334.

[7] Xiaohong Li, Weiwei Liu, **Yiling Song**, Cong Zhang, Hua Long, Kai Wang, Bing Wang, Peixiang Lu. Enhancement of the second harmonic generation from WS_2 monolayers by cooperating with dielectric microspheres. Advanced Optical Materials, 2018, 7(3): 1801270.

[8] Weiwei Liu, Xiaohong Li, **Yiling Song**, Cong Zhang, Xiaobo Han, Hua Long, Bing Wang, Kai Wang, Peixiang Lu. Cooperative enhancement of two-photon-absorption-induced photoluminescence from a 2D perovskite-microsphere hybrid dielectric structure. Advanced Functional Materials, 2018, 28(26): 1707550.