



学院概况

□ 学院简介

□ 教师风采

戴志平博士简介

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戴志平博士简介



戴志平，光学博士、物理学副教授。1981年11月出生于湖南省平江县，中共党员。

戴志平博士自2011年7月至今在衡阳师范学院工作。2014年，入选校“英才支持计划”。2016年，获国家公派出国留学资格。2016年11月—2017年11月，在新加坡国立大学做访问学者。获得过校A类课教师称号，在校年度考核中，多次获得优秀。指导学生获得省级二等奖3项，三等奖2项。

戴志平博士主要从事非线性介质中光束传输理论方面的研究工作。近年来，发表SCI学术论文20余篇，其中，以第一作者身份在Phys. Rev. A等主流期刊上发表SCI论文17篇。2014年，获湖南省自然科学优秀学术论文二等奖。主持完成国家自然科学基金理论物理专款项目1项和湖南省自然科学基金青年项目1项，主持湖南省自然科学基金面上项目1项和湖南省教育厅优秀青年项目1项，并作为主要研究人员参与过国家自然科学基金等多项省部级以上项目。

代表性科研项目：

- [1] 主持国家自然科学基金理论物理专款项目，啁啾光学格子中非局域空间光孤子的传输特性研究，11347121，2014.1-2014.12
- [2] 主持湖南省自然科学基金青年项目，调制型光学格子对非局域介质中光束的调控作用研究，13JJ4097，2013.1-2015.12
- [3] 主持湖南省自然科学基金面上项目，基于参数调制非局域晶格系统的光传输特性，2019JJ40003，2019.1-2021.12
- [4] 主持湖南省教育厅优秀青年项目，非局域无序晶格中的光传输特性研究，17B038，2017.9-2019.8

代表性学术论文：

- [1] **Zhiping Dai**, Shiqing Tang, and Zhenjun Yang, Periodical collision between hollow solitons in (2+1)-dimensional nonlocal nonlinear Schrödinger equation, *Results in Physics* 13, 102353, 2019

- [2] **Zhiping Dai**, Feng Wen, and Zhenjun Yang, Spatial solitons supported by graphene/ hexagonal boron nitride heterostructures, *Materials Letters* 232, 58–61, 2018
- [3] **Zhiping Dai**, Xiaohui Ling, and Shiqing Tang, Analytic expression and propagation properties of hollow Gaussian beams for the off-waist incident case in strongly nonlocal media, *Results in Physics* 9, 215–217, 2018
- [4] **Zhiping Dai**, Zhenjun Yang, Xiaohui Ling, Shuming Zhang, Zhaoguang Pang, Xingliang Li, and Youwen Wang, Tripole-mode and quadrupole-mode solitons in (1+1)-dimensional nonlinear media with a spatial exponential-decay nonlocality, *Scientific Reports* 7, 122, 2017
- [5] **Zhiping Dai**, Shiqing Tang, Zhenjun Yang, Zhenfeng Yang, Shumin Zhang, Xingliang Li, Sine hollow solitons and breathers in nonlocal media, *Journal of Russian Laser Research* 38(3), 241–248, 2017
- [6] Guo Liang and **Zhiping Dai**, Spiraling elliptic Hermite–Gaussian solitons in nonlocal nonlinear media without anisotropy, *Scientific Reports* 7, 3234, 2017
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- [18] **Zhiping Dai**, Xiaohui Ling, Youwen Wang, and Kaiming You, The mobility of nonlocal solitons in fading optical lattices, *Chinese Physics B* 22(10), 104209, 2013
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- [21] **Zhiping Dai**, Yuqing Wang, and Qi Guo, Mobility of strongly nonlocal solitons in optical lattices, *Physical Review A* 77(6), 063834 (2008)

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