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学习进修经历

2008-09 至 2012-06，苏州大学，本科

2012-09 至 2017-06，苏州大学，硕博连读

2015-09 至 2016-09，新加坡 南洋理工大学，联合培养博士

教学工作经历

2017-06 至今，南通大学理学院

主讲课程：大学物理、光学工程、数字电路

承担的项目与课题

1．主持国家自然科学基金青年项目“纳米增益颗粒体系光操控非线性效应的研究”，2020-01 至 2022-12

2. 主持国家自然科学基金应急项目“石墨烯包裹微纳颗粒体系的光操控研究”，2019-01 至 2019-12

主要期刊论文

1. **Hongli Chen** and Yang Huang, “Graphene-tuned threshold gain to achieve optical pulling force on microparticle”, Chin. Phys. B 30, 064205 (2021).
2. **Hongli Chen**, Yanyan Huang and Yang Huang, “Anisotropy-enhanced optical pulling force on coated nanoparticles due to Fano resonance”, Phys. Lett. A 388, 127075 (2021).
3. **Hongli Chen**, Yanyan Huang and Lei Gao, “Nonlinear radiation force on nanoparticles”, Lecture Notes in Electrical Engineering 531, 61-66 (2021).
4. **Hongli Chen** and Yang Huang, “Tunable optical force on nonlinear graphene-wrapped nanoparticles”, Phys. Lett. A 384, 126733 (2020).

5. **Hongli Chen**, Lei Gao, Chonggui Zhong, Guoqiu Yuan, Yanyan Huang, Zhongwei Yu, Min Cao, and Meng Wang, “Optical pulling force on nonlinear nanoparticles with gain”, AIP Advances 10, 015131 (2020).
6. **Hongli Chen**, Dongliang Gao and Lei Gao, “Effective nonlinear optical properties and optical bistability in composite media containing spherical particles with different sizes”, Opt. Express 24, 5334-5345 (2016).
7. **Hongli Chen**, Youming Zhang, Baile Zhang and Lei Gao, “Optical bistability in a nonlinear-shell-coated metallic nanoparticle”, Sci. Reports 6, 21741 (2016).
8. **Hongli Chen** and Lei Gao, “Anomalous optical forces on radially anisotropic nanowires”, Appl. Phys. A 121, 1053-1056 (2015);
9. **Hongli Chen** and Lei Gao, “Tunablity of the unconventional Fano resonances in coated nanowires with radial anisotropy”, Opt. Express 21, 23619 (2013).
10. **Hongli Chen** and Lei Gao, “Anomalous electromagnetic scattering from radially anisotropic nanowires”, Phys. Rev. A 86, 033825 (2012).