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教育科研经历

2005/09 - 2009/07，吉林大学 物理学院 本科

2009/09-2014/06，中科院长春光机所 光学 博士

2014/07-2018/06，苏州大学光电信息科学与工程学院 讲师

2018/07-今，苏州大学光电科学与工程学院 副研究员

研究方向

1、微腔激光器的制作及性能优化

2、微腔激光器在集成光学器件及生物传感器的应用

3、基于衍射光学的裸眼3D显示器件

主要荣誉

2013年中科院大恒光学奖学金特别奖

2014年中科院院长奖学金优秀奖

承担课题

1、国家自然科学基金，项目号：61505131，项目主持人

2、江苏省青年基金项目，项目号：BK20150309，项目主持人

3、中国博士后第57批面上资助，项目号：2015M571816项目主持人

代表论文

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2. W. Huang, D. Pu, S. Shen, G. Wei, L. Xuan and L. Chen, Effects of monomer functionality on performances of scaffolding morphologic transmission gratings recorded in polymer dispersed liquid crystals, J. Phys. D: Appl. Phys. 48 (2015) 375303.
3. W. Huang, S. Shen, D. Pu, G. Wei, Y. Ye, C. Peng and L. Chen, Working characteristics of external distributed feedback polymer lasers with varying waveguiding structures, J. Phys. D: Appl. Phys. 48 (2015) 495105
4. W. Huang, Q. Liu, L. Xuan, L. Chen, Single-mode lasing from dye-doped holographic polymer-dispersed liquid crystal transmission gratings, Applied Physics B, 117(2014) 1065-1071.
5. W. Huang, L. Chen, L. Xuan, Efficient laser emission from organic semiconductor activated holographic polymer dispersed liquid crystal transmission gratings, RSC Advances, 4 (2014) 38606-38613.
6. W. Huang, Y. Liu, L. Hu, Q. Mu, Z. Peng, C. Yang, L. Xuan, Second-order distributed feedback polymer laser based on holographic polymer dispersed liquid crystal grating, Organic Electronics, 14 (2013) 2299-2305.
7. W. Huang, Z. Diao, L. Yao, Z. Cao, Y. Liu, J. Ma, L. Xuan, Electrically tunable distributed feedback laser emission from scaffolding morphologic holographic polymer dispersed liquid crystal grating, Applied Physics Express 6 (2013) 022702.
8. W. Huang, Z. Diao, Y. Liu, Z. Peng, C. Yang, J. Ma, L. Xuan, Distributed feedback polymer laser with an external feedback structure fabricated by holographic polymerization technique, Organic Electronics 13 (2012) 2307-2311.
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10. W. Huang, S. Deng, W. Li, Z. Peng, Y. Liu, L. Hu, L. Xuan, A polarization-independent and low scattering transmission grating for a distributed feedback cavity based on holographic polymer dispersed liquid crystal, Journal of Optics 13 (2011) 085501.

书籍章节

Ji Ma, Wenbin Huang, Li Xuan, and Hiroshi Yokoyama, “Holographic Polymer-Dispersed Liquid Crystals: From Materials and Morphologies to Applications” in Optical Properties of Functional Polymers and Nano Engineering Applications; Vaibhav Jain, Akshay Kokil, CRC Press.