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【1】Zhengliang Liu,**Zhuanfang Bi***, Yang Shang, Yaowen Liang, Peifa Yang, Xiao Li, Chuandi Zhang, and Guangyi Shang*, Visualization of Electrochemical Cycling-Induced Dimension Change in $LiMn_2O_4$Nanoparticles by High-Speed Atomic Force Microscopy, Langmuir, 36(17): 4689-4694 (2020).

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【12】Jiayang Chen, Hao Zhang, Junjie Jin, Jian Lin, Long Zhao,**Zhuanfang Bi**, Anping Huang and Zhisong Xiao*, Miniaturized optical gyroscope using active three-dimensional vertically coupled resonators, Optical Engineering, 54(10): 107106 (2015).

【13】Jiayang Chen, Hao Zhang, Junjie Jin, Jian Lin, Long Zhao, **Zhuanfang Bi**, Anping Huang and Zhisong Xiao*, Optimization of gyroscope properties with active coupled resonator optical waveguide structures, Proceedings of the SPIE, 9378(8): 9371Q (2015).

【14】**Zhuan-Fang Bi**, Lei Wang, Xiu-Hong Liu, Shao-Mei Zhang, Ming-Ming Dong, Quan-Zhong Zhao, Xiang-Long Wu and Ke-Ming Wang*, Optical waveguides in TiO_2formed by He ion implantation, Optics Express, 20(6): 6712-6719 (2012).

【15】**Zhuan-Fang Bi**, Alejandro W Rodriguez*, Hila Hashemi, David Duchesne, Marko Loncar, Ke-Ming Wang, Steven G Johnson, High-efficiency second-harmonic generation in doubly-resonant χ(◊) microring resonators, Optics Express, 20(7): 7526-43 (2012).

【16】Shao-Mei Zhang, Ke-Ming Wang, Xiangzhi Liu,**Zhuanfang Bi**, and Xiu-Hong Liu, Planar and ridge waveguides formed in $LiNbO_3$by proton exchange combined with oxygen ion implantation, 18(15): 15609-15617 (2010).

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