

首页 学院概况 新闻中心 办公信息 职能部门 教学单位 师资队伍 科研管理 招生就业 国际交流 人才招聘

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发布时间:2017/9/28 9:59:34

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【个人简介】

2004.9-2008.6, 苏州大学, 无机非金属材料工程专业, 学士
 2008.9-2011.6, 苏州大学, 材料加工工程专业, 硕士
 2009.8-2011.6, 中科院上海硅酸盐研究所, 科研助理 (与苏州大学联合培养)
 2011.9-2014.9, 香港理工大学, 应用物理学专业, 博士
 2014.10-2015.3, 香港理工大学, 助理研究员
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 2016.4, 就职于福州大学材料学院, 以“旗山学者”(海外人才)引进

【研究领域】

稀土掺杂荧光粉、铁电/压电/热释电单晶与器件、光-电功能陶瓷、能源材料

【科研成果】

1. Xiao Wu, Yanlin Huang, Liang Shi, Hyo Jin Seo. Spectroscopy characteristics of vanadate Ca9Dy(VO4)7 f or application of white-light-emitting diodes, Materials Chemistry and Physics, 116, 449 (2009).
2. Xiao Wu, Linhua Liu, Xiaobing Li, Haosu Luo, etc. Effect of annealing on defect and electrical properties of Mn doped Pb(Mg1/3Nb2/3)O3-0.28PbTiO3 single crystals. Journal of Crystal Growth, 318, 865-869 (2011).
3. Xiao Wu, Yanlin Huang, Hyo Jin Seo, The luminescence spectroscopy and thermal stability of red-emitting phosphor Ca9Eu(VO4)7, Ceramics International, 37, 2323-2328 (2011).
4. Xiao Wu, Linhua Liu, Xiaobing Li, Haosu Luo, etc. The influence of defects on ferroelectric and piezoelectric properties of Pb(Mg1/3Nb2/3)O3-0.28PbTiO3 single crystals. Materials Chemistry and Physics, 132, 87-90 (2012).
5. Xiao Wu, K.W. Kwok, F.L. Li, Upconversion fluorescence studies of sol-gel-derived Er-doped KNN ceramics, Journal of Alloys and Compounds, 580, 88-92 (2013).
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7. Xiao Wu, Chi Man Lau, K.W. Kwok, Effect of phase transition on photoluminescence of Er-doped KNN ceramics, Journal of Luminescence, 155, 343-350 (2014).
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9. Xiao Wu, Chi Man Lau, K.W. Kwok, Photoluminescence Properties of Er/Pr-Doped K0.5Na0.5NbO3 Ferroelectric Ceramics, Journal of the American Ceramic Society, 98, 2139-2145 (2015).
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11. Xiao Wu, Tat Hang Chung, Hailing Sun, K.W. Kwok, Tunable photoluminescence properties of Pr³⁺/Er³⁺-doped 0.93Bi_{0.5}Na_{0.5}TiO₃-0.07BaTiO₃ low-temperature sintered multifunctional ceramics, *Ceramics International*, 42, 9899-9905 (2016).
12. Xiao Wu, Shengbo Lu, K.W. Kwok, Photoluminescence, electro-optic response and piezoelectric properties in pressureless-sintered Er-doped KNN-based transparent ceramics, *Journal of Alloys and Compounds*, 695, 3573-3578 (2017).

主讲课程

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