附件10248_1_g_3

# 实验中心专职教师在国内外学术刊物上发表科研论文目录

1. 王锦辉(1), Magnetic inhomogeneity and valence state in $Sr_2CrWO_6$ double perovskite, J. Appl. Phys. 93, 471 (2003).
2. 王 锦 辉 (1), Mechanochemical synthesis of sodiumm tungsten bronze nanocrystalline powders, Mater. Lett. 57, 3648 (2003).
3. 王锦辉(1), 制备工艺对热敏 MnZn 铁氧体材料特性的影响，稀有金属，Vol.27, No.5, 636 (2003).
4. 王锦辉(1), Effect of preparation procedure on the magnetic and transport properties of double perovskite $Sr_2FeMoO_6$, Chinese Physics13, 90 (2004).
5. 王锦辉(1), 钠钨青铜 $Na_xWO_3$(x~0.88)纳米晶的机械化学法制备研究，功能材料 Vol.35, No.1, 58 (2004).
6. 王锦辉(1), Domain wall pinning in polycrystalline perovskite $La_{0.7}Sr_{0.3}MnO_3$, J. Magn. Magn. Mater. 280, 316 (2004).
7. 王锦辉(1), Effects of grain si□ e on reversible and irreversible domain wall displacements in $La_{0.7}Sr_{0.3}MnO_3$ perovskite, Phys. Stat. Sol. (a) **202**, 1155 (2005).
8. 王锦辉(1), Low-temperature magnetoresistance effect in the hydrothermally synthesized $La_{0.98}Ca_{0.02}MnO_{3-\delta}/\gamma$-$Mn_2O_3$ Granular System, J. Shanghai Jiaotong University (Science) Vol. E-10, No.1, 91 (2005).
9. 王锦辉(1), Effect of microstructure on magnetization processes of $La_{0.7}Sr_{0.3}MnO_3$ perovskite, J. Alloys and Compounds (2005) (accepted)
10. 王锦辉(1), Analysis of power loss in $La_{0.7}Sr_{0.3}MnO_3$ perovskite, J. Magn. Magn. Mater., (2005). (accepted)
11. 贺莉蓉(1)，反应离子刻蚀 ZnTe 的 THz 辐射和探测研究，物理学报 Vol.54, (2005)(排版印刷中）
12. 叶庆好(1)， Dispersion Measurement of Tapered Air-Silica Microstructure Fiber by White-Light Interferometry, Applied Optics 41, 4467 (2002)

13. 叶庆好(3)，Gain-clamped Erbium-doped fiber-ring lasing amplifier with low noise figure by using an interleaver, IEEE Photon. Technol. Lett. 15, 12 (2003).
14. 叶庆好(4)，Improvement of Gain and Noise Figure in Double-Pass L-band EDFA by incorporating a Fiber Bragg Grating, IEEE Photon. Tech. Lett. (2005) (accepted).
15. 赵铁松(1), Magnetic properties and microstructure of NdFeB sintered magnets by the addition of Ag powder, IEEE Trans. Magn. 36, 3318(2000).
16. 赵铁松(1)，The effects of Ag powder on the magnetic properties and microstructure of Nd-Fe-B type sintered magnets, J. Rare Earths 18(3), 10(2000).
17. 赵铁松(1)，Magnetic properties and low-field magnetoresistance of $La_{0.7}Sr_{0.3}Mn_{0.9}M_{0.1}O_3$ compounds (M=Al, Cr, Mn, Fe. Co, Ni, Cu, Ga), J. Appl. Phys. (2005) (submitted).
18. 赵铁松(1), Magnetic properties of $La_{5/6}R_{1/6}MnO_3$ compounds (R=La, Pr, Nd, Sm) (2005) (in preparation)
19. 李向亭(1)， A Mixed-transfer-matrix method for simulating normal conductor/perfect insulator/perfect conductor random networks, J. Stat. Phys. 117, 427 (2004).
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21. 李向亭(1)，Three–constituent percolating networks with widely different bond conductance, Proc. of the 10th Inter. Symposium on Continuum Models and Discrete Systems,. Editors: E. Inan & D. Bergman, Kluwer, Israel, July, 2003. p.359.
22. 李向亭(2)，Surface plasmon amplification by simulated emission in nanolenses, Phys. Rev. B 71, 115409 (2005).
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24. 李向亭(3), Method to calculate electric force acting on a spheres in electrorheology fluid, Phys. Rev. E 71, 031503 (2005).