

共同利用による代表的な成果論文 (2003 年度)

- *D. X. Li, S. Nimori, Y. Shiokawa, Y. Haga, E. Yamamoto and Y. Onuki, “AC Susceptibility and Magnetic Relaxation of $R_2\text{PdSi}_3$ ($R=\text{Nd, Tb and Dy}$)”, Phys. Rev. B, 68 (2003) 012413.
- D. X. Li, S. Nimori, Y. Shiokawa, Y. Haga, E. Yamamoto, and Y. Onuki, “Ferromagnetic Cluster Glass Behavior in U_2IrSi_3 ”, Phys. Rev. B, 68 (2003) 172405.
- *Y. Gao, D. Shindo, T. Bitoh and A. Makino, “Mediated exchange interaction in Fe-Nb-B nanocrystalline soft magnetic materials”, Phys. Rev. B 67 (2003) 172409.
- *J. J. Kim, H. Makino, P. P. Chen, T. Suzuki, D. C. Oh, H. J. Ko, J. H. Chang, T. Hanada, and T. Yao, “Growth and characterization of $\text{Ga}_{1-x}\text{Cr}_x\text{N}$ with high Cr content grown on ZnO templates”, Phys. Stat. Sol. (c) 0 (2003) 2869.
- *P. P. Chen, H. Makino, J. J. Kim and T. Yao, “MBE growth of GaMnN diluted magnetic semiconductors and its magnetic properties”, J. Cryst. Growth 251 (2003) 331.
- *K. Koyama, H. Sasaki, T. Kanomata, K. Watanabe and M. Motokawa, “Magnetization measurements of weak itinerant ferromagnet Ni-Pt alloy”, J. Phys. Soc. Jpn. 72 (2003) 767-768.
- *K. Indoh, A. Tobo, H. Yamauchi, K. Ohoyama and H. Onodera, “Magnetic Phase Diagrams of Antiferroquadrupolar Ordering Compound DyB_2C_2 ”, J. Phys. Soc. Jpn. 73 (2004) 669.
- *K. Kudo, T. Noji, Y. Koike, T. Sakon, M. Motokawa, T. Nishizaki, and N. Kobayashi, “Anisotropic Magnetic Properties and Anomalous Thermal Conductivity in the bc Plane of the Quasi-Two-Dimensional Spin System $\text{Cu}_3\text{B}_2\text{O}_6$: Relation between the Thermal Conductivity and the Spin State in Magnetic Fields”, J. Phys. Soc. Jpn. 72 (2003) 569.
- *西寄照和, 小林典男, “ $\text{YBa}_2\text{Cu}_3\text{O}_y$ 非双晶単結晶における渦糸体の物理”, 固体物理, 38 (2003) 515.
- *T. Nojima, M. Katakura, S. Okayasu, S. Endo, N. Kobayashi, “Disappearance of Bose-Glass Behavior in Transport Properties of $\text{YBa}_2\text{Cu}_3\text{O}_y$ Films with Columnar Defects”, J. Low. Temp. Phys. 131 (2003) 859.
- *P. Badica, T. Kondo and K. Togano, “Critical current density and magnetic-field irreversibility of $\text{Na}_{0.35}\text{CoO}_2\cdot 1.3\text{H}_2\text{O}$ superconductor”, Appl. Phys. Lett. 84 (2004) 559.
- *中森裕子, 折茂慎一, “リチウム-水素系の新たな機能設計” 「あたりあ (日本金属学会会報)」 42, (2003) 822.