

業績リスト

(原著論文)

1. T. Nishikawa, Y. Yasui and M. Sato,
Transport Anomalies of Misfit-Layer Compounds $\text{La}_{1.17-x}\text{Sr}_x\text{VS}_{3.17}$ with Mott Metal-Insulator Transition; *J. Phys. Soc. Jpn.* **63** (1994) 3218-3221.
2. S. Taniguchi, T. Nishikawa, Y. Yasui, Y. Kobayashi, J. Takeda, S. Shamoto and M. Sato,
Transport, Magnetic and Thermal Properties of $\text{La}_3\text{Ni}_2\text{O}_{7-\delta}$; *J. Phys. Soc. Jpn.* **64** (1995) 1644-1650.
3. S. Taniguchi, T. Nishikawa, Y. Yasui, Y. Kobayashi, M. Sato, T. Nishioka, M. Kontani and K. Sano,
Spin Gap Behavior of $S=1/2$ Quasi-Two-Dimensional System CaV_4O_9 ; *J. Phys. Soc. Jpn.* **64** (1995) 2758-2761.
4. Y. Yasui, T. Nishikawa, Y. Kobayashi, M. Sato, T. Nishioka and M. Kontani,
Effects of Carrier Doping into the Misfit-Layer Compounds $(\text{La}_{1-y}\text{R}_y\text{S})_{1+\alpha}\text{VS}_2$ ($\text{R}=\text{Sr}, \text{Pb}$); Transport and Magnetic Studies; *J. Phys. Soc. Jpn.* **64** (1995) 3890-3896.
5. T. Nishikawa, Y. Yasui, Y. Kobayashi and M. Sato,
Thermal Properties of Two Dimensional Mott System $\text{La}_{1.17-x}\text{Sr}_x\text{VS}_{3.17}$; *J. Phys. Soc. Jpn.* **65** (1996) 2543-2547.
6. Y. Yasui, Y. Kobayashi, J. Takeda, S. Shamoto and M. Sato,
Strong Pressure Effect on the Electrical Resistivity of $\text{BaCo}_{1-x}\text{Ni}_x\text{S}_2$; *J. Phys. Soc. Jpn.* **65** (1996) 2757-2760.
7. K. Kodama, H. Harashina, H. Sasaki, Y. Kobayashi, M. Kasai, S. Taniguchi, Y. Yasui, M. Sato, K. Kakurai, T. Mori and M. Nishi,
Study of Spin-Gap Formation in Quasi-two-Dimensional $S=1/2$ System CaV_4O_9 ; Neutron Scattering and NMR; *J. Phys. Soc. Jpn.* **66** (1997) 793-802.
8. J. Takeda, Y. Yasui, H. Sasaki and M. Sato,
Thermal Expansion Coefficient of $\text{BaCo}_{1-x}\text{Ni}_x\text{S}_2$; *J. Phys. Soc. Jpn.* **66** (1997) 1718-1722.
9. Y. Yasui, H. Sasaki, S. Shamoto and M. Sato,
Phase Diagram and Pressure Effects on Transport Properties of $\text{BaCo}_{1-x}\text{Ni}_x\text{S}_2$; *J. Phys. Soc. Jpn.* **66** (1997) 3194-3201.
10. Y. Kobayashi, M. Kasai, Y. Yasui, T. Nishikawa and M. Sato,
 ^{51}V -NMR Study of the Misfit Layer Compounds $\text{La}_{1.17-x}\text{Sr}_x\text{VS}_{3.17}$; *J. Phys. Soc. Jpn.* **66** (1997) 4027-4030.
11. T. Fukamachi, Y. Kobayashi, M. Kanada, M. Kasai, Y. Yasui and M. Sato,
NMR Studies of Spin-Gap Behavior of Monoclinic CuNb_2O_6 ; *J. Phys. Soc. Jpn.* **67** (1998) 2107-2111.
12. E. Z. Kurmaev, Yu. M. Yarmoshenko, M. Neumann, S. Stadler, D. L. Ederer, I. Hase, A. Fujimori, M. Sato, Y. Yasui, R. C. C. Perera, M. M. Grush, T. A. Callcott, D. A. Zatsepin, V. A. Trofimova and V. V. Sokolov,
Valence Band Spectra of $\text{BaCo}_{1-x}\text{Ni}_x\text{S}_2$; *J. Phys. Chem. Solids* **9** (1998) 1459-1467.
13. Y. Yasui, H. Sasaki, M. Sato, M. Ohashi, Y. Sekine, C. Murayama and N. Mori,
Studies of Pressure-Induced Mott Metal-Insulator Transition of BaCoS_2 ; *J. Phys. Soc. Jpn.* **68** (1999) 1313-1320.

14. M. Kanada, Y. Yasui, M. Ito, H. Harashina, M. Sato, H. Okumura and K. Kakurai,
Neutron Inelastic Scattering Study on a single Crystal of Magnetically Frustrated Pyrochlore System
 $Tb_2Ti_2O_7$; J. Phys. Soc. Jpn. **68** (1999) 3802-3805.
15. M. Ambai, Y. Yasui, J. Takeda, Y. Kobayashi and M. Sato,
On the Anomalous Oxygen-Number Dependence of the Superconducting Transition Temperature of $R_{1-x}Pr_xBa_2Cu_3O_{6+y}$ ($R=Y$ and Sm); J. Phys. Soc. Jpn. **69** (2000) 170-177.
16. M. Ito, Y. Yasui, M. Kanada, H. Harashina, S. Yoshii, K. Murata, M. Sato, H. Okumura and K. Kakurai,
Neutron Diffraction Study of Pyrochlore Compound $R_2Ru_2O_7$ ($R=Y,Nd$) above and below the Spin-Glass-like Transition; J. Phys. Soc. Jpn. **69** (2000) 888-894.
17. K. Takenaka, S. Kashima, A. Osuka, S. Sugai, Y. Yasui, S. Shamoto and M. Sato,
Anisotropic Optical Spectra of $BaCo_{1-x}Ni_xS_2$; Effect of Ni Substitution on the Electronic Structure of the $Co_{1-x}Ni_xS$ Plane; Phys. Rev. B **63** (2001) 115113.
18. Y. Yasui, Y. Kondo, M. Kanada, M. Ito, H. Harashina M. Sato, and K. Kakurai,
Magnetic Structure of $Nd_2Mo_2O_7$; J. Phys. Soc. Jpn. **70** (2001) 284-289.
19. M. Sato, M. Ito, H. Harashina, M. Kanada, Y. Yasui, A. Kobayashi and K. Kakurai,
On the Electronic and Magnetic Excitation Spectra of High- T_c Cu Oxides in the Normal and Superconducting States; J. Phys. Soc. Jpn. **70** (2001) 1342-1348.
20. K. Oda, S. Yoshii, Y. Yasui, M. Ito, T. Ido, Y. Ohno, Y. Kobayashi and M. Sato,
Unusual Anomalous Hall Resistivities of $CuCr_2S_4$, $Cu_{0.5}Zn_{0.5}Cr_2Se_4$ and Cr_3Te_4 ; J. Phys. Soc. Jpn. **70** (2001) 2999-3005.
21. M. Ito, H. Harashina, Y. Yasui, M. Kanada, S. Iikubo, M. Sato, A. Kobayashi and K. Kakurai,
Detailed Structure of the Magnetic Excitation Spectra of $YBa_2Cu_3O_y$ and Its Implication on the Physical Characteristics of the Electron System; J. Phys. Soc. Jpn. **71** (2002) 265-270.
22. M. Kanada, Y. Yasui, Y. Kondo, S. Iikubo, M. Ito, H. Harashina, M. Sato, H. Okumura, K. Kakurai and H. Kadowaki,
Neutron Scattering Study of the Spin Correlation in the Spin Ice System $Ho_2Ti_2O_7$; J. Phys. Soc. Jpn. **71** (2002) 313-318.
23. Y. Yasui, M. Kanada, M. Ito, H. Harashina, M. Sato, H. Okumura, K. Kakurai and H. Kadowaki,
Static Correlation and Dynamical Properties of Tb^{3+} -moments in $Tb_2Ti_2O_7$ -Neutron Scattering Study-; J. Phys. Soc. Jpn. **71** (2002) 599-606.
24. S. Iikubo, Y. Yasui, K. Oda, Y. Ohno, Y. Kobayashi, M. Sato and K. Kakurai,
Magnetic Structure and the Hall Resistivity of $Cu_{1-x}Zn_xCr_2Se_4$; J. Phys. Soc. Jpn. **71** (2002) 2792-2799.
25. T. Ido, Y. Yasui and M. Sato,
Anomalous Hall Effect and Magnetoresistance of $SrFe_{1-x}Co_xO_{3-\delta}$; J. Phys. Soc. Jpn. **72** (2003) 357-363.
26. Y. Yasui, S. Iikubo, H. Harashina, T. Kageyama, M. Ito, M. Sato and K. Kakurai,
Neutron Scattering Studies of Pyrochlore Compound $Nd_2Mo_2O_7$ in Magnetic Field; J. Phys. Soc. Jpn. **72** (2003) 865-872.
27. H. Masuda, T. Fujita, T. Miyashita, M. Soda, Y. Yasui, Y. Kobayashi and M. Sato,
Transport and Magnetic Properties of $R_{1-x}A_xCoO_3$ ($R=La, Pr$ and Nd ; $A=Ba, Sr$ and Ca); J. Phys. Soc. Jpn. **72** (2003) 873-878.
28. M. Ito, Y. Yasui, S. Iikubo, M. Soda, M. Sato, A. Kobayashi and K. Kakurai,

- Effects of "Stripes" on the Magnetic Excitation Spectra of $\text{La}_{1.48}\text{Nd}_{0.4}\text{Sr}_{0.12}\text{CuO}_4$; J. Phys. Soc. Jpn. **72** (2003) 1627-1630.
29. M. Soda, Y. Yasui, T. Fujita, T. Miyashita, M. Sato and K. Kakurai,
Magnetic Structure of High Temperature Phases of $\text{TbBaCo}_2\text{O}_{5.5}$; J. Phys. Soc. Jpn. **72** (2003) 1729-1734.
 30. Y. Yasui, M. Soda, S. Iikubo, M. Ito, M. Sato, N. Hamaguchi, T. Matsushita, N. Wada, T. Takeuchi, N. Aso and K. Kakurai,
Ferromagnetic Transition of Pyrochlore Compound $\text{Yb}_2\text{Ti}_2\text{O}_7$; J. Phys. Soc. Jpn. **72** (2003) 3014-3015.
 31. M. Soda, Y. Yasui, M. Ito, S. Iikubo, M. Sato and K. Kakurai,
Magnetic Structures and Spin States of $\text{NdBaCo}_2\text{O}_5$; J. Phys. Soc. Jpn. **73** (2004) 464-468.
 32. M. Ito, Y. Yasui, S. Iikubo, M. Soda, A. Kobayashi, M. Sato, K. Kakurai, C. H. Lee and K. Yamada,
Studies on Magnetic Excitation Spectra of High T_c Superconductors; J. Phys. Soc. Jpn. **73** (2004) 991-999.
 33. S. Iikubo, Y. Ohno, Y. Kobayashi, Y. Yasui, M. Ito, M. Soda, M. Sato and K. Kakurai,
Magnetic Structure of $\text{Cu}_{0.3}\text{Zn}_{0.7}\text{Cr}_2\text{Se}_4$; J. Phys. Soc. Jpn. **73** (2004) 1023-1030.
 34. N. Hamaguchi, T. Matsushita, N. Wada, Y. Yasui and M. Sato,
Low Temperature Phases of the Pyrochlore Compound $\text{Tb}_2\text{Ti}_2\text{O}_7$; Phys. Rev. B **69** (2004) 132413.
 35. T. Fujita, T. Miyashita, Y. Yasui, Y. Kobayashi, M. Sato, E. Nishibori, M. Sakata, Y. Shimojo, N. Igawa, Y. Ishii, K. Kakurai, T. Adachi, Y. Ohishi and M. Takata,
Transport and Magnetic Studies on the Spin State Transition of $\text{Pr}_{1-x}\text{Ca}_x\text{CoO}_3$ up to High Pressure; J. Phys. Soc. Jpn. **73** (2004) 1987-1997.
 36. A. Ino, T. Okane, S.-I. Fujimori, A. Fujimori, T. Mizokawa, Y. Yasui, T. Nishikawa and M. Sato,
Evolution of the Electronic Structure in the Filling-Controlled Two-Dimensional Mott-Hubbard System $\text{La}_{1.17-x}\text{Pb}_x\text{VS}_{3.17}$: from Electron Doping to Hole Doping; Phys. Rev. B **69** (2004) 195116
 37. M. Soda, Y. Yasui, M. Ito, S. Iikubo, M. Sato and K. Kakurai,
Magnetic Structures and Spin States of $\text{NdBaCo}_2\text{O}_{5.5}$; J. Phys. Soc. Jpn. **73** (2004) 2857-2862.
 38. M. Soda, Y. Yasui, M. Sato and K. Kakurai,
Magnetic and Charge Ordering Transitions of $\text{PrBaCo}_2\text{O}_5$; J. Phys. Soc. Jpn. **74** (2005) No.6, 1875-1876.
 39. M. Yokoi, T. Moyoshi, Y. Kobayashi, M. Soda, Y. Yasui, M. Sato and K. Kakurai,
Magnetic Correlation of Na_xCoO_2 and successive Phase Transitions of $\text{Na}_{0.5}\text{CoO}_2$ - NMR and Neutron Diffraction Studies -; J. Phys. Soc. Jpn. **74** (2005) No.11 3046-3056.
 40. H. Watanabe, Y. Mori, M. Yokoi, T. Moyoshi, M. Soda, Y. Yasui, Y. Kobayashi, M. Sato, N. Igawa and K. Kakurai,
Magnetic and Metal-Insulator Transitions in β - $\text{Na}_{0.5}\text{CoO}_2$ and γ - $\text{K}_{0.5}\text{CoO}_2$ -NMR and Neutron Diffraction Studies-; J. Phys. Soc. Jpn. **75** (2006) No.3 034716-(1-8).
 41. M. Soda, Y. Yasui, T. Moyoshi, M. Sato, N. Igawa and K. Kakurai,
Magnetic Structure of YBaCo_4O_7 with Kagome- and Triangular-Lattices; J. Phys. Soc. Jpn. **75** (2006) No.5 054707-(1-6).
 42. T. Moyoshi, Y. Yasui, M. Soda, Y. Kobayashi, M. Sato and K. Kakurai,
Search for Magnetic Excitation Spectra of $\text{Na}_x\text{CoO}_2.y\text{D}_2\text{O}$ -Neutron Scattering-; J. Phys. Soc. Jpn. **75** (2006) No.6, 074705-(1-6).
 43. Y. Yasui, T. Kageyama, T. Moyoshi, M. Soda, M. Sato and K. Kakurai,

Studies of the Anomalous Hall Effect and Magnetic Structure of $\text{Nd}_2\text{Mo}_2\text{O}_7$ – Test of the Chirality Mechanism –; J. Phys. Soc. Jpn. **75** (2006) No. 8, 084711-(1-11).

44. M. Soda, Y. Yasui, Y. Kobayashi, T. Fujita, M. Sato and K. Kakurai,
Existence of the Co^{3+} Low Spin State in $\text{TbBaCo}_2\text{O}_{5.5}$; J. Phys. Soc. Jpn. **75** (2006) No. 10, 104708-(1-7).
45. Y. Naito, K. Sato, Y. Yasui, Y. Kobayashi, Y. Kobayashi and M. Sato,
Ferroelectric Trasition Induced by the Incommensurate Magnetic Ordering in LiCuVO_4 ; J. Phys. Soc. Jpn. **76** (2007) No. 2, 023708-(1-3).
46. Y. Yasui, Y. Kobayashi, M. Soda, T. Moyoshi, M. Sato, N. Igawa and K. Kakurai,
Successive Magnetic Transition of the Kagomé Staircase Compound $\text{Co}_3\text{V}_2\text{O}_8$ Studied in Various Magnetic Fields; J. Phys. Soc. Jpn. **76** (2007) No. 3, 034706-(1-8).
47. Y. Miura, Y. Yasui, M. Sato, N. Igawa and K. Kakurai,
New Type Phase Transition of Li_2RuO_3 with Honeycomb Structure; J. Phys. Soc. Jpn. **76** (2007) No. 3, 033705-(1-4).
48. M. Soda, T. Moyoshi, Y. Yasui, M. Sato and K. Kakurai,
Successive Phase Transitions of $\text{LuBaCo}_4\text{O}_7$ with Kagome and Triangular Lattices; J. Phys. Soc. Jpn. **76** (2007) No. 8, 084701-(1-6).
49. S. Kawabata, Y. Yasui, Y. Kobayashi and M. Sato,
Studies of Magnetic Behavior of Spin-1/2 Frustrated System $\text{Hg}_2\text{Cu}_2\text{F}_6\text{S}$; J. Phys. Soc. Jpn. **76** (2007) No. 8, 084705-(1-5).
50. T. Kashi, Y. Yasui, T. Moyoshi, M. Sato, N. Igawa and K. Kakurai,
Magnetic Structure of $\text{Co}_2\text{TeO}_3\text{Cl}_2$; J. Phys. Soc. Jpn. **76** (2007) No. 8, 084713-(1-5).
51. Y. Yasui, Y. Naito, K. Sato, T. Moyoshi, M. Sato and K. Kakurai,
Relationship between Magnetic Structure and Ferroelectricity of LiVCuO_4 ; J. Phys. Soc. Jpn. **77** (2008) No. 2, 023712-(1-4).
52. T. Moyoshi, Y. Yasui, Y. Kobayashi, M. Sato and K. Kakurai,
Magnetic Excitations of $\text{Na}_x\text{CoO}_2.y\text{D}_2\text{O}$ –Neutron Scattering– ; J. Phys. Soc. Jpn. **77** (2008) No. 7, 073709-(1-4).
53. T. Kashi, Y. Yasui, T. Moyoshi, M. Sato, K. Kakurai, S. Iikubo, and N. Igawa,
Crystal Structure and Magnetic Properties of $\text{CoZn}(\text{TeO}_3)\text{Br}_2$; J. Phys. Soc. Jpn. **77** (2008) No. 8, 084707-(1-5)
54. Y. Miura, Y. Yasui, T. Moyoshi, M. Sato, and K. Kakurai,
Magnetic Excitations of Spin-Gap System $\text{Na}_3\text{Cu}_2\text{SbO}_6$ with Distorted Honeycomb Structure; J. Phys. Soc. Jpn. **77** (2008) No. 10, 104709-(1-4).
55. M. Sato, Y. Yasui, Y. Kobayashi, K. Sato, Y. Naito, Y. Tarui, and Y. Kawamura,
Relationship between Magnetic Structure and Ferroelectricity of Systems with CuO_2 ribbon chains; Solid State Science (2009) in press.
56. T. Moyoshi, Y. Kobayashi, Y. Yasui, M. Sato, and K. Kakurai,
Superconducting transition temperature and the thickness of CoO_2 planes of $\text{Na}_x\text{CoO}_2.y\text{H}_2\text{O}$; Solid State Science (2009) in press.

57. Y. Yasui, K. Sato, Y. Kobayashi, and M. Sato,
 Studies of Multiferroic System LiCu_2O_2 : I. Sample Characterization and Relationship between Magnetic Properties and Multiferroic Nature; *J. Phys. Soc. Jpn.* **78** (2009) No. 8, 084720-(1-5).
58. Y. Kobayashi, K. Sato, Y. Yasui, T. Moyoshi, M. Sato, and K. Kakurai,
 Studies of Multiferroic System of LiCu_2O_2 : II. Magnetic Structures of Two Ordered Phases with Incommensurate Modulations; *J. Phys. Soc. Jpn.* **78** (2009) No. 8, 084721-(1-5).
59. Yuji Kawamura, Takahiro Kai, Erika Satomi, Y. Yasui, Y. Kobayashi, M. Sato, and K. Kakurai,
 High Temperature Multiferroic State in RBaCuFeO_5 ($\text{R}=\text{Y}$, Lu and Tm); submitted to *J. Phys. Soc. Jpn.*

(proceedings)

1. T. Nishikawa, Y. Yasui, Y. Kobayashi and M. Sato,
 Studies of Metal-Insulator Transition of Misfit-Layer Compounds $\text{La}_{1.17-x}\text{Sr}_x\text{VS}_{3.17}$; *Physica C* **263** (1996) 554-557.
2. M. Sato, H. Sasaki, H. Harashina, Y. Yasui, J. Takeda, K. Kodama, S. Shamoto, K. Kakurai and M. Nishi,
 Metal-Insulator Transitions of $\text{BaCo}_{1-x}\text{Ni}_x\text{S}_2$ Induced by Pressure and Carrier Number Control; The Review of High Pressure Science and Technology **7** (1998) 447-452.
3. Y. Yasui, H. Sasaki, S. Shamoto, M. Sato, M. Ohashi, Y. Sekine, C. Murayama and N. Mori,
 Pressure Effects on the Mott Metal-Insulator Transitions in $\text{BaCo}_{1-x}\text{Ni}_x\text{S}_2$; The Review of High Pressure Science and Technology **7** (1998) 641-643.
4. A. Fujimori, A. Ino, T. Mizokawa, T. Tsujioka, T. Yoshida, M. Satake, K. Okazaki, H. Eisaki, S. Uchida, K. Kishio, Y. Taguchi, T. Katsufuji, Y. Tokura, Y. Yasui, T. Nishikawa and M. Sato,
 Chemical Potential Shifts in Correlated Electron Systems Studied by Photoemission Spectroscopy; *J. Electron Spectrosc. Relat. Phenom.* **92** (1998) 59-63.
5. Y. Yasui, H. Sasaki, M. Sato, M. Ohashi, Y. Sekine, C. Murayama and N. Mori,
 Pressure Induced Metal-Insulator Transition of Quasi-Two-Dimensional Electron System BaCoS_2 ; *Physica B* **281 & 282** (2000) 625-626.
6. H. Harashina, M. Kanada, Y. Yasui, M. Ito, T. Fukamachi, M. Sato, H. Okumura, K. Kakurai and M. Nishi,
 Study of Pseudo Gap Formation in $\text{YBa}_2(\text{Cu}_{0.995}\text{Zn}_{0.005})_3\text{O}_7$ -B_{2u} phonon, NMR and in-plane resistivity measurements-; *J. Phys. Chem. Solids* **62** (2001) 163-165.
7. M. Ambai, Y. Yasui, J. Takeda and M. Sato,
 Superconducting Transition Temperatures of $\text{R}_{1-x}\text{Pr}_x\text{Ba}_2\text{Cu}_3\text{O}_{6+y}$ ($\text{R}=\text{Y}$, Sm) and $\text{Bi}_{1.7}\text{Pb}_{0.3}\text{Sr}_2\text{Ca}_{1-x}\text{Y}_x(\text{Cu}_{1-y}\text{Zn}_y)_2\text{O}_{8+8}$; *J. Phys. Chem. Solids* **62** (2001) 187-190.
8. M. Ito, Y. Yasui, M. Kanada, H. Harashina, S. Yoshii, K. Murata, M. Sato, H. Okumura and K. Kakurai,
 Nature of the Spin Freezing Transition of Geometrically Frustrated Pyrochlore System $\text{R}_2\text{Ru}_2\text{O}_7$ ($\text{R}=\text{Rare Earth Elements and Y}$); *J. Phys. Chem. Solids* **62** (2001) 337-341.
9. Y. Yasui, M. Kanada, M. Ito, H. Harashina, M. Sato, H. Okumura and K. Kakurai,

Dynamical Properties of Magnetically Frustrated Pyrochlore System $Tb_2Ti_2O_7$; *J. Phys. Chem. Solids* **62** (2001) 343-346.

10. Y. Yasui, Y. Kondo, M. Kanada, M. Ito, H. Harashina, S. Iikubo, K. Oda, T. Kageyama, K. Murata, S. Yoshii, M. Sato, H. Okumura and K. Kakurai,
Transport, Magnetic and Neutron Studies on $Y_{2-x}Nd_xMo_2O_7$; *J. Phys. Soc. Jpn. (Supplement A)* **70** (2001) 100-102.
11. M. Kanada, Y. Yasui, M. Ito, H. Harashina, M. Sato, H. Okumura, K. Kakurai and H. Kadokawa,
Dynamical Magnetic Properties of $Tb_2Ti_2O_7$; *J. Phys. Soc. Jpn. (Supplement A)* **70** (2001) 200-202.
12. A. Ino, S. Fujimori, T. Okane, A. Fujimori, T. Mizokawa, Y. Yasui, T. Nishikawa and M. Sato,
Photoemission Study of the Filling-Control Metal-Insulator Transition in the Two-Dimensional System
 $La_{1.17-x}Pb_xVS_{3.17}$; *J. Mag. Mag. Mater.* **226-230** (2001) 263-265.
13. Y. Yasui, T. Kageyama, S. Iikubo, K. Oda, M. Sato and K. Kakurai,
Detailed Studies on the Anomalous Hall Effect of Pyrochlore Molybdates: *Physica B* **329-333** (2003) 1036-1037.
14. M. Sato, M. Ito, H. Harashina, Y. Yasui, S. Iikubo, A. Kobayashi and K. Kakurai,
Comparative Study on the Magnetic Excitation Spectra of Y123 and La214 High- T_c Systems -Are the
Dynamical Stripes important?; *Physica B* **329-333** (2003) 683-684.
15. M. Ito, H. Harashina, Y. Yasui, M. Sato and K. Kakurai,
Neutron Scattering Studies on In-Plane Longitudinal phonons of $YBa_2Cu_3O_y$; *Physica C* **388-389** (2003)
363-364.
16. S. Iikubo, Y. Ohno, Y. Yasui, T. Fukamachi, K. Oda, M. Sato and K. Kakurai,
Magnetic Structure and the Anomalous Hall Effect of $Cu_{1-x}Zn_xCr_2Se_4$: *Physica B* **329-333** (2003) 707-708.
17. T. Ido, Y. Yasui and M. Sato,
Anomalous Hall Effect and Magnetoresistance of $SrFe_{1-x}Co_xO_{3-\delta}$; *Physica B* **329-333** (2003) 705-706.
18. T. Fujita, K. Tsuchida, Y. Yasui, Y. Kobayashi and M. Sato,
Transport, Thermal and Magnetic Properties of $Bi_3Ru_3O_{11}$; *Physica B* **329-333** (2003) 743-744.
19. M. Ito, Y. Yasui, S. Iikubo, M. Soda, A. Kobayashi, M. Sato, K. Kakurai, C. H. Lee and K. Yamada,
Studies on the (non-) Existence of "Stripes" in High T_c Superconductors; *J. Magn. Magn. Mater.* **272-276**
(2004) e1051-e1053.
20. Iikubo, Y. Yasui, Y. Kobayashi, Y. Ohno, M. Ito, M. Soda, M. Sato and K. Kakurai,
Magnetic Structure of a Spinel System $Cu_{0.3}Zn_{0.7}Cr_2Se_4$; *J. Magn. Magn. Mater.* **272-276** (2004) 473-474.
21. N. Hamaguchi, T. Matsushita, N. Wada, Y. Yasui and M. Sato,
Field Dependence of Magnetic Ordering in $Tb_2Ti_2O_7$; *J. Magn. Magn. Mater.* **272-276** (2004) e1007-
e1008.
22. Y. Yasui, T. Kageyama, T. Moyoshi, M. Soda, M. Sato and K. Kakurai,
Studies on the Anomalous Hall Effect of $Nd_2Mo_2O_7$ – Test of the Chirality Mechanism –; *J. Mag. Mag.
Mat.* **310** issue 2 (2007) e544-e546.
23. Y. Kobayashi, Y. Yasui and M. Sato,
Magnetic and Thermal Properties of $Co_3V_2O_8$ and $Ni_3V_2O_8$; *J. Mag. Mag. Mat.* **310** issue 2 (2007) 1160-
1161.

24. T. Moyoshi, Y. Yasui, M. Soda, Y. Kobayashi, M. Sato and K. Kakurai,
Observation of the In-Plane Ordering of D₂O Molecules on Na_xCoO_{2-y}D₂O by Neutron Diffraction; J. Mag. Mag. Mat. **310** issue 2 (2007) 654-656.
25. M. Soda, Y. Yasui, T. Moyoshi, M. Sato, N. Igawa and K. Kakurai,
Magnetic Measurements and Neutron Studies on YBaCo₄O₇ and LuBaCo₄O₇; J. Mag. Mag. Mat. **310** issue 2 (2007) e441-e442.
26. S. Kawabata, H. Watanabe, Y. Yasui, Y. Kobayashi, M. Sato, N. Igawa and K. Kakurai,
Studies of Magnetic Behavior of Spin-1/2 Frustrated System Hg₂Cu₂F₆S; J. Mag. Mag. Mat. **310** issue 2 (2007) 1295-1296.
27. T. Moyoshi, S. C. Lee, S. Tatematsu, Y. Yasui, Y. Kobayashi, M. Sato and K. Kakurai;
Magnetic Excitations of Superconducting LaFeAsO_{0.89}F_{0.11}; to be published in Physica C

(解説)

1. 安井幸夫、金田昌基、佐藤正俊、門脇広明,
スピニアイス系の磁気相関; 日本物理学会誌 **57** No.11 (2002) 830-834.
(Y. Yasui, M. Kanada, M. Sato and H. Kadowaki, Magnetic Correlation of Spin Ice System; Butsuri **57** (2002) 830-834.)

(招待講演)

74. 安井幸夫、影山健友、吉居俊輔、飯久保智、原科浩、佐藤正俊、加倉井和久
Nd₂Mo₂O₇の異常ホール効果; 第18回佐々木学術講演会 一高温超伝導体発見から足掛け20年
一、東京大学小柴ホール、2005年12月2日
125. 安井幸夫
Nd₂Mo₂O₇の中性子散乱と異常ホール効果; 日本物理学会第63回年次大会、近畿大学本部キャンパス 2008/3/24, (領域8, 領域3合同シンポジウム、主題: 異常ホール効果とnontrivialな磁気構造、24pRH-5)
144. 安井幸夫、内藤豊、佐藤健二、川村雄司、茂吉武人、佐藤正俊、加倉井和久;
CuO₂リボン系のマルチフェロイック; 日本中性子科学会第8回年会、名古屋大学東山キャンパス 2008/12/2, (A3)

(受賞)

Papers of Editor's Choice in J. Phys. Soc. Jpn. 2007/2; Ferroelectric Transition Induced by the Incommensurate Magnetic Ordering in LiCuVO₄, J. Phys. Soc. Jpn. 76 (2007) 023708.