

2011 年以前の論文リスト

(原著論文)

- H. Takahashi, R. Okazaki, Y. Yasui, and I. Terasaki,
Low-temperature magnetotransport of the narrow-gap semiconductor FeSb₂; Phys. Rev. B **84** (2011) 205215 (1-5).
- S. Asai, N. Furuta, Y. Yasui, and I. Terasaki;
Weak Ferromagnetism in LaCo_{1-x}Rh_xO₃: Anomalous Magnetism Emerging between two nonmagnetic end phases; J. Phys. Soc. Jpn. **80** (2011) No. 10, 104705(1-5).
- M. Sato, T. Kawamata, Y. Kobayashi, Y. Yasui, T. Iida, K. Suzuki, M. Itoh, T. Moyoshi, K. Motoya, R. Kajimoto, M. Nakamura, Y. Inamura, M. Arai;
Magnetic Excitation Spectra of Superconducting Ca-Fe-Pt-As system; J. Phys. Soc. Jpn. **80** (2011) No. 9, 093709 (1-4).
- R. Okazaki, Y. Nishina, Y. Yasui, S. Shibusaki, S. Kimura, and I. Terasaki;
Optical Study of the Electronic and Correlation Effects in K_{0.49}RhO₂; Phys. Rev. B **84** No.7 (2011) 075110 (1-4).
- S. Tatematsu, Y. Yasui, T. Moyoshi, K. Motoya, K. Kakurai and M. Sato;
Neutron Scattering Study of Magnetic Excitation Spectra of Ba(Fe_{0.9}Co_{0.1})₂As₂; J. Phys. Soc. Jpn. **80** (2011) No. 7, 073703 (1-4).
- H. Takahashi, Y. Yasui, I. Terasaki, and M. Sato,
Effects of ppm-level imperfection on the transport properties of FeSb₂ single crystals; J. Phys. Soc. Jpn. **80** (2011) No. 5, 054708(1-4).
- Y. Yasui, M. Sato, and I. Terasaki,
Multiferroic behavior in the quasi one-dimensional frustrated spin-1/2 system PbCuSO₄(OH)₂ with CuO₂ ribbon chains; J. Phys. Soc. Jpn. **80** (2011) No. 3, 033707(1-4).
- Y. Kawamura, T. Kai, E. Satomi, Y. Yasui, Y. Kobayashi, M. Sato, and K. Kakurai,
High Temperature Multiferroic State in RBaCuFeO₅ (R=Y, Lu and Tm); J. Phys. Soc. Jpn. **79** (2010) No.7 , 073705-(1-4).
- M. Sato, Y. Yasui, Y. Kobayashi, K. Sato, Y. Naito, Y. Tarui, and Y. Kawamura,
Relationship between Magnetic Structure and Ferroelectricity of Systems with CuO₂ ribbon chains; Solid State Sciences **12** (2010) 670-675.
- T. Moyoshi, Y. Kobayashi, Y. Yasui, M. Sato, and K. Kakurai,
Superconducting transition temperature and the thickness of CoO₂ planes of Na_xCoO₂.yH₂O; Solid State Sciences **12** (2010) 656-659.
- Y. Kobayashi, K. Sato, Y. Yasui, T. Moyoshi, M. Sato, and K. Kakurai,
Studies of Multiferroic System of LiCu₂O₂: II. Magnetic Structures of Two Ordered Phases with Incommensurate Modulations; J. Phys. Soc. Jpn. **78** (2009) No. 8, 084721-(1-5).
- Y. Yasui, K. Sato, Y. Kobayashi, and M. Sato,
Studies of Multiferroic System LiCu₂O₂: I. Sample Characterization and Relationship between Magnetic Properties and Multiferroic Nature; J. Phys. Soc. Jpn. **78** (2009) No. 8, 084720-(1-5).
- Y. Miura, Y. Yasui, T. Moyoshi, M. Sato, and K. Kakurai,
Magnetic Excitations of Spin-Gap System Na₃Cu₂SbO₆ with Distorted Honeycomb Structure; J. Phys. Soc. Jpn. **77** (2008) No. 10, 104709-(1-4).
- T. Kashi, Y. Yasui, T. Moyoshi, M. Sato, K. Kakurai, S. Iikubo, and N. Igawa,
Crystal Structure and Magnetic Properties of CoZn(TeO₃)Br₂; J. Phys. Soc. Jpn. **77** (2008) No. 8, 084707-(1-5)
- T. Moyoshi, Y. Yasui, Y. Kobayashi, M. Sato and K. Kakurai,
Magnetic Excitations of Na_xCoO₂.yD₂O –Neutron Scattering– ; J. Phys. Soc. Jpn. **77** (2008) No. 7, 073709-(1-4).
- Y. Yasui, Y. Naito, K. Sato, T. Moyoshi, M. Sato and K. Kakurai,
Relationship between Magnetic Structure and Ferroelectricity of LiVCuO₄; J. Phys. Soc. Jpn. **77** (2008) No. 2, 023712-(1-4)
- T. Kashi, Y. Yasui, T. Moyoshi, M. Sato, N. Igawa and K. Kakurai,
Magnetic Structure of Co₂TeO₃Cl₂; J. Phys. Soc. Jpn. **76** (2007) No. 8, 084713-(1-5).

- S. Kawabata, Y. Yasui, Y. Kobayashi and M. Sato,
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).
- 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).
- 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).
- 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).
- Y. Naito, K. Sato, Y. Yasui, Y. Kobayashi, Y. Kobayashi and M. Sato,
Ferroelectric Transition Induced by the Incommensurate Magnetic Ordering in LiCuVO_4 ; J. Phys. Soc. Jpn. **76** (2007) No. 2, 023708-(1-3).
- 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).
- 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).
- T. Moyoshi, Y. Yasui, M. Soda, Y. Kobayashi, M. Sato and K. Kakurai,
Search for Magnetic Excitation Spectra of $\text{Na}_x\text{CoO}_2\cdot y\text{D}_2\text{O}$ -Neutron Scattering-; J. Phys. Soc. Jpn. **75** (2006) No.6, 074705-(1-6).
- 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).
- 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).
- 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.
- 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.
- 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.
- 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
- 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.
- 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.
- 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.
- 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.

- 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.
- 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** No.11 (2003) 3014-3015.
- 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.
- 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.
- H. Masuda, T. Fujita, T. Miyashita, M. Soda, Y. Yasui, Y. Kobayashi and M. Sato,
Transport and Magnetic Properties of $\text{R}_{1-x}\text{A}_x\text{CoO}_3$ (R=La, Pr and Nd; A=Ba, Sr and Ca); J. Phys. Soc. Jpn. **72** (2003) 873-878.
- Y. Yasui, S. Iikubo, H. Harashina, T. Kageyama, M. Ito, M. Sato and K. Kakurai,
Neutron Scattering Studies of Pyrochlore Compound $\text{Nd}_2\text{Mo}_2\text{O}_7$ in Magnetic Field; J. Phys. Soc. Jpn. **72**, No.4 (2003) 865-872.
- T. Ido, Y. Yasui and M. Sato,
Anomalous Hall Effect and Magnetoresistance of $\text{SrFe}_{1-x}\text{Co}_x\text{O}_{3-\delta}$; J. Phys. Soc. Jpn. **72** (2003) 357-363.
- S. Iikubo, Y. Yasui, K. Oda, Y. Ohno, Y. Kobayashi, M. Sato and K. Kakurai,
Magnetic Structure and the Hall Resistivity of $\text{Cu}_{1-x}\text{Zn}_x\text{Cr}_2\text{Se}_4$; J. Phys. Soc. Jpn. **71** (2002) 2792-2799.
- 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 $\text{Tb}_2\text{Ti}_2\text{O}_7$ -Neutron Scattering Study-; J. Phys. Soc. Jpn. **71**, No.2 (2002) 599-606.
- 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 $\text{Ho}_2\text{Ti}_2\text{O}_7$; J. Phys. Soc. Jpn. **71** (2002) 313-318.
- 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 $\text{YBa}_2\text{Cu}_3\text{O}_y$ and Its Implication on the Physical Characteristics of the Electron System; J. Phys. Soc. Jpn. **71** (2002) 265-270.
- 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 , $\text{Cu}_{0.5}\text{Zn}_{0.5}\text{Cr}_2\text{Se}_4$ and Cr_3Te_4 ; J. Phys. Soc. Jpn. **70** (2001) 2999-3005.
- 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.
- Y. Yasui, Y. Kondo, M. Kanada, M. Ito, H. Harashina M. Sato, and K. Kakurai,
Magnetic Structure of $\text{Nd}_2\text{Mo}_2\text{O}_7$; J. Phys. Soc. Jpn. **70**, No.1 (2001) 284-289.
- K. Takenaka, S. Kashima, A. Osuka, S. Sugai, Y. Yasui, S. Shamoto and M. Sato,
Anisotropic Optical Spectra of $\text{BaCo}_{1-x}\text{Ni}_x\text{S}_2$; Effect of Ni Substitution on the Electronic Structure of the $\text{Co}_{1-x}\text{Ni}_x\text{S}$ Plane; Phys. Rev. B **63** (2001) 115113.
- 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 $\text{R}_2\text{Ru}_2\text{O}_7$ (R=Y,Nd) above and below the Spin-Glass-like Transition; J. Phys. Soc. Jpn. **69** (2000) 888-894.
- M. Ambai, Y. Yasui, J. Takeda, Y. Kobayashi and M. Sato,
On the Anomalous Oxygen-Number Dependence of the Superconducting Transition Temperature of $\text{R}_{1-x}\text{Pr}_x\text{Ba}_2\text{Cu}_3\text{O}_{6+y}$ (R=Y and Sm); J. Phys. Soc. Jpn. **69** (2000) 170-177.
- 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 $\text{Tb}_2\text{Ti}_2\text{O}_7$; J. Phys. Soc. Jpn. **68** (1999) 3802-3805.
- 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**, No.4 (1999) 1313-1320.

- 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 **59** (1998) No.9, 1459-1467.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

(proceedings)

- Y. Yasui, Y. Yanagisawa, M. Sato, and I. Terasaki, Relationship between ferroelectricity and magnetic structure of $\text{PbCuSO}_4(\text{OH})_2$ with CuO_2 ribbon chains; J. Phys.: Conf. Ser. **320** (2011) 012087-(1-6).
- M. Sato, S. Tatematsu, Y. Yasui, Y. Kobayashi, T. Moyoshi, K. Motoya, and I. K. Kakurai, On the Magnetic Excitation Spectra of $\text{Ba}(\text{Fe}_{0.9}\text{Co}_{0.1})_2\text{As}_2$ in the Superconducting State; J. Phys. Soc. Jpn. **80** (2011) SB002-(1-4).
- T. Moyoshi, S. C. Lee, S. Tatematsu, Y. Yasui, Y. Kobayashi, M. Sato and K. Kakurai, Magnetic Excitations of Superconducting $\text{LaFeAsO}_{0.89}\text{F}_{0.11}$; Physica C **470** (2010) S470-S471.
- 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 $\text{Hg}_2\text{Cu}_2\text{F}_6\text{S}$; J. Mag. Mag. Mat. **310** issue 2 (2007) 1295-1296.
- M. Soda, Y. Yasui, T. Moyoshi, M. Sato, N. Igawa and K. Kakurai, Magnetic Measurements and Neutron Studies on YBaCo_4O_7 and $\text{LuBaCo}_4\text{O}_7$; J. Mag. Mag. Mat. **310** issue 2 (2007) e441-e442.
- T. Moyoshi, Y. Yasui, M. Soda, Y. Kobayashi, M. Sato and K. Kakurai, Observation of the In-Plane Ordering of D_2O Molecules on $\text{Na}_x\text{CoO}_2 \cdot y\text{D}_2\text{O}$ by Neutron Diffraction; J. Mag. Mag. Mat.

- Y. Kobayashi, Y. Yasui and M. Sato,
Magnetic and Thermal Properties of $\text{Co}_3\text{V}_2\text{O}_8$ and $\text{Ni}_3\text{V}_2\text{O}_8$; J. Mag. Mag. Mat. **310** issue 2 (2007) 1160-1161.
- Y. Yasui, T. Kageyama, T. Moyoshi, M. Soda, M. Sato and K. Kakurai,
Studies on the Anomalous Hall Effect of $\text{Nd}_2\text{Mo}_2\text{O}_7$ – Test of the Chirality Mechanism –; J. Mag. Mag. Mat. **310** issue 2 (2007) e544-e546.
- N. Hamaguchi, T. Matsushita, N. Wada, Y. Yasui and M. Sato,
Field Dependence of Magnetic Ordering in $\text{Tb}_2\text{Ti}_2\text{O}_7$; J. Magn. Magn. Mater. **272-276** (2004) e1007-e1008.
- S. Iikubo, Y. Yasui, Y. Kobayashi, Y. Ohno, M. Ito, M. Soda, M. Sato and K. Kakurai,
Magnetic Structure of a Spinel System $\text{Cu}_{0.3}\text{Zn}_{0.7}\text{Cr}_2\text{Se}_4$; J. Magn. Magn. Mater. **272-276** (2004) 473-474.
- 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.
- T. Fujita, K. Tsuchida, Y. Yasui, Y. Kobayashi and M. Sato,
Transport, Thermal and Magnetic Properties of $\text{Bi}_3\text{Ru}_3\text{O}_{11}$; Physica B **329-333** (2003) 743-744.
- T. Ido, Y. Yasui and M. Sato,
Anomalous Hall Effect and Magnetoresistance of $\text{SrFe}_{1-x}\text{Co}_x\text{O}_{3-\delta}$; Physica B **329-333** (2003) 705-706.
- S. Iikubo, Y. Ohno, Y. Yasui, T. Fukamachi, K. Oda, M. Sato and K. Kakurai,
Magnetic Structure and the Anomalous Hall Effect of $\text{Cu}_{1-x}\text{Zn}_x\text{Cr}_2\text{Se}_4$; Physica B **329-333** (2003) 707-708.
- M. Ito, H. Harashina, Y. Yasui, M. Sato and K. Kakurai,
Neutron Scattering Studies on In-Plane Longitudinal phonons of $\text{YBa}_2\text{Cu}_3\text{O}_y$; Physica C **388-389** (2003) 363-364.
- 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.
- 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.
- 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 $\text{La}_{1.17-x}\text{Pb}_x\text{VS}_{3.17}$; J. Mag. Mag. Mater. **226-230** (2001) 263-265.
- M. Kanada, Y. Yasui, M. Ito, H. Harashina, M. Sato, H. Okumura, K. Kakurai and H. Kadowaki,
Dynamical Magnetic Properties of $\text{Tb}_2\text{Ti}_2\text{O}_7$; J. Phys. Soc. Jpn. (Supplement A) **70** (2001) 200-202.
- 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 $\text{Y}_{2-x}\text{Nd}_x\text{Mo}_2\text{O}_7$; J. Phys. Soc. Jpn. (Supplement A) **70** (2001) 100-102.
- Y. Yasui, M. Kanada, M. Ito, H. Harashina, M. Sato, H. Okumura and K. Kakurai,
Dynamical Properties of Magnetically Frustrated Pyrochlore System $\text{Tb}_2\text{Ti}_2\text{O}_7$; J. Phys. Chem. Solids **62** (2001) 343-346.
- 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 $\text{R}_2\text{Ru}_2\text{O}_7$ (R=Rare Earth Elements and Y); J. Phys. Chem. Solids **62** (2001) 337-341.
- M. Ambai, Y. Yasui, J. Takeda and M. Sato,
Superconducting Transition Temperatures of $\text{R}_{1-x}\text{Pr}_x\text{Ba}_2\text{Cu}_3\text{O}_{6+y}$ (R=Y, Sm) and $\text{Bi}_{1.7}\text{Pb}_{0.3}\text{Sr}_2\text{Ca}_{1-x}\text{Y}_x(\text{Cu}_{1-y}\text{Zn}_y)_2\text{O}_{8+\delta}$; J. Phys. Chem. Solids **62** (2001) 187-190.
- 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.
- 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 BaCoS₂; Physica B **281&282** (2000) 625-626.

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.

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 BaCo_{1-x}Ni_xS₂; The Review of High Pressure Science and Technology 7 (1998) 641-643.

M. Sato, H. Sasaki, H. Harashina, Y. Yasui, J. Takeda, K. Kodama, S. Shamoto, K. Kakurai and M. Nishi, Metal-Insulator Transitions of BaCo_{1-x}Ni_xS₂ Induced by Pressure and Carrier Number Control; The Review of High Pressure Science and Technology 7 (1998) 447-452.

T. Nishikawa, Y. Yasui, Y. Kobayashi and M. Sato, Studies of Metal-Insulator Transition of Misfit-Layer Compounds La_{1.17-x}Sr_xVS_{3.17}; Physica C **263** (1996) 554-557.

(解説)

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**, No.1 (2002) 830-834.)

(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.