

A. 量子物質科学

	論文課題	著者名	誌名、巻、号、(年頁)	論文種別
A1	On the Orbital Magnetic Moment of V Ion in Vanadium Perovskites	T. Jo	J. Phys. Soc. Japan, 72, 1 (2003) pp. 155-159	原著
A2	On the Magnetic State of Titanium Ion in YTiO ₃	T. Jo	J. Phys. Soc. Japan, 72, 6 (2003) pp. 1814-1815	原著
A3	Upper critical field and field-induced superconductivity in layered superconductors with antiferromagnetic subsystems	H. Shimahara	Physica B, 329-333 (2003) pp. 1442-1443	原著
A4	Internal Transition of Superconducting State by Impurity Doping with a Jump of Isotope Effect Coefficient in Multi-Band Superconductors	H. Shimahara	J. Phys. Soc. Japan (Letters), 72, 8 (2003) pp. 1843-1846	原著
A5	Isotope Effect of Superconductors with Coexisting Interactions of Phonon and Nonphonon Mechanisms	H. Shimahara	J. Phys. Soc. Japan (Letters), 72, 8 (2003) pp. 1851-1854	原著
A6	A New Scenario on the Metal-Insulator Transition in VO ₂	A. Tanaka	Journal of the Physical Society of Japan, 72 (2003) pp. 2433-2436	原著
A7	Theory on electronic structure and phase transitions in V ₂ O ₃	A. Tanaka	Physica B, 329-333P2 (2003) pp. 753-754	原著
A8	Anomalous spin polarization and dualistic electronic nature of CrO ₂	D. J. Huang L. H. Tjeng J. Chen C. F. Chang W. P. Wu S. C. Chung A. Tanaka G. Y. Guo H. -J. Lin S. G. Shyu C. C. Wu C. T. Chen	Physical Review B, 67 (2003) pp. 214419 (5 pages)	原著
A9	Crossing the gap from p- to n-type doping: nature of the states near the chemical potential in La _{2-x} Sr _x CuO ₄ and Nd _{2-x} Ce _x CuO ₄	P. G. Steeneken L. H. Tjeng G. A. Sawatzky A. Tanaka O. Tjernberg G. Ghiringhelli N. B. Brookes A. A. Nugroho A. A. Menovsky	Phy. Rev. Lett., 90 (2003) pp. 247005 (4 pages)	原著
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A12	Contribution of Pb to Ferroelectricity in Perovskite-type Oxides	H. Miyazawa F. Ishii N. Ishida E. Natori T. Shimoda T. Oguchi	Mat. Res. Soc. Symp. Proc., 748 (2003) pp. 187-197	原著

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A65	Pressure-induced ferromagnetic metal for a Mott insulator Ca_2RuO_4	F. Nakamura Y. Senoo T. Goko M. Ito T. Suzuki S. Nakatsuji H. Fukuzawa Y. Maeno P. Alireza S. R. Julian	Physica B, 329-333 (2003) pp. 803-804	原著
A66	Superconductivity and in-plane resistivity in $La_{2-x}Sr_xCuO_4$	J. Hori S. Iwata H. Kurisaki F. Nakamura T. Suzuki T. Fujita	Physica C, 388-389 (2003) pp. 331-332	原著
A67	Analysis of mutual communication between qubits by capacitive coupling	T. Murakami M. Iinuma T. Takahashi Y. Kadoya M. Yamanishi	Physical Review A, 67 (2003) pp. 050301 (R)	原著
A68	Stark spectroscopy of high-lying odd parity levels in atomic samarium	T. Kondo D. Angom I. Endo A. Fukumi T. Horiguchi M. Iinuma T. Takahashi	European Physical Journal D, 25 (2003) pp. 103-111	原著
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A91	Tunneling spectroscopy of MgB ₂ and Li _{0.5} (THF) _y HfNCI	T. Ekino T. Takasaki T. Muranaka H. Fujii J. Akimitsu S. Yamanaka	Physica B, 328 (2003) pp. 23-25	原著
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A93	Tunneling spectroscopy of the energy gap in MgB ₂ under magnetic fields	T. Ekino T. Takasaki H. Fujii T. Muranaka J. Akimitsu	Acta Physica Polonica, B 34 (2003) pp. 523-527	原著
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B. 分子生命機能科学

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