

Jobu Matsuno

List of Publications by Year in descending order

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54
papers

2,613
citations

257450

24
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182427

51
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docs citations

54
times ranked

3706
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin-orbit torque generation in bilayers composed of CoFeB and epitaxial SrIrO3 grown on an orthorhombic DyScO3 substrate. Applied Physics Letters, 2022, 121, .	3.3	5
2	Stacking-Order Effect on Spin-Orbit Torque, Spin Hall Magnetoresistance, and Magnetic Anisotropy in $Ni_{81}Mn_{19}O_2$ Bilayers. Physical Review Applied, 2021, 16, .	3.8	4
3	Spin-orbit torque generation in $NiFe_{1-x}Mn_xO_2$ bilayers. Physical Review B, 2020, 102, .	3.2	13
4	Molecular beam epitaxy of three-dimensionally thick Dirac semimetal Cd3As2 films. APL Materials, 2019, 7, .	5.1	24
5	Electric-field control of anomalous and topological Hall effects in oxide bilayer thin films. Nature Communications, 2018, 9, 213.	12.8	152
6	Strongly correlated oxides for energy harvesting. Science and Technology of Advanced Materials, 2018, 19, 899-908.	6.1	15
7	Nature of the charge carriers in LaAlO3-SrTiO3 oxide heterostructures probed using hard X-ray photoelectron spectroscopy. Europhysics Letters, 2018, 123, 47003.	2.0	1
8	All-in-all-out magnetic domain inversion in $Tb_{27}Mn_{73}O_7$ with molecular fields antiparallel to external fields. Physical Review Materials, 2018, 2, .	2.4	12
9	Visualizing ferroic domains in an all-in-all-out antiferromagnet thin film. Physical Review B, 2017, 96, .	3.2	5
10	Spin-Dependent Transport Phenomena at <i>d</i> -Electron Oxide Interfaces. Hyomen Kagaku, 2017, 38, 614-619.	0.0	0
11	Manipulation of electronic structure via alteration of local orbital environment in		

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19	5d iridium oxide as a material for spin-current detection. Nature Communications, 2013, 4, 2893.	12.8	104
20	Enhancement of the Jahn-Teller distortion by magnetization in manganites. Applied Physics Letters, 2012, 100, .	3.3	4
21	Local Heisenberg Behavior of J_{\perp} in the Paramagnetic State of the Spin-Orbital Mott Insulator	7.8	156
22	Momentum-resolved electronic excitations in the Mott insulator SrIrO_3 studied by resonant inelastic x-ray scattering. Physical Review B, 2011, 83, .	3.3	73
23	Epitaxially stabilized iridium spinel oxide without cations in the tetrahedral site. Applied Physics Letters, 2010, 96, .	3.3	28
24	Local structure anomaly around Ge dopants in $\text{Mn}_3\text{Cu}_0.7\text{Ge}_0.3\text{N}$ with negative thermal expansion. Applied Physics Letters, 2009, 94, 181904.	3.3	43
25	Anomalous Metallic State in the Vicinity of Metal to Valence-Bond Solid Insulator Transition in LiVS_2 . Physical Review Letters, 2009, 103, 146405.	7.8	65
26	Magnetic field tuning of interface electronic properties in manganite-titanate junctions. Applied Physics Letters, 2008, 92, 122104.	3.3	18
27	Sr_2VO_4 and Ba_2VO_4 under pressure: An orbital switch and potential superconductor. Physical Review B, 2007, 75, .	3.2	27
28	Ferromagnetic ratchet superlattice with a broken inversion symmetry. Physical Review B, 2007, 75, .	3.2	4
29	Design of a d_{xy} -analogue of cuprates: Sr_2VO_4 and Ba_2VO_4 under pressure. Journal of Physics Condensed Matter, 2007, 19, 365204.	1.8	5
30	Fermi level shift in $\text{La}_{1-x}\text{Sr}_x\text{MO}_3$ (M=Mn, Fe, Co, and Ni) probed by Schottky-like heteroepitaxial junctions with $\text{SrTiO}_3/\text{NbO}_3$. Applied Physics Letters, 2007, 90, 252102.	3.3	46
31	Interface properties of superlattices with artificially broken symmetry. Journal of Magnetism and Magnetic Materials, 2007, 310, 2204-2206.	2.3	3
32	Sr_2TMO_3 (TM=Ni, Co) Compounds with 1D TM^{2+} Chains. Advanced Materials, 2006, 18, 2541-2544.	21.0	7
33	Novel metallic ferromagnet Sr_2CoO_4 . Thin Solid Films, 2005, 486, 113-116.	1.8	11
34	Variation of the Electronic Structure in Systematically Synthesized Sr_2MO_4 (M=Ti, V, Cr, Mn, and Co). Physical Review Letters, 2005, 95, 176404.	7.8	84
35	Metallic Ferromagnet with Square-Lattice CoO_2 Sheets. Physical Review Letters, 2004, 93, 167202.	7.8	108
36	Effects of Charge Disproportionation on the Phonon Density of States in Fe Perovskites. Journal of the Physical Society of Japan, 2004, 73, 2768-2770.	1.6	5

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37	Enhancement of Incoherent Elastic Scattering with Magnetic Ordering in the Energy Spectra of Nuclear Resonant Scattering. Journal of the Physical Society of Japan, 2004, 73, 1669-1672.	1.6	5
38	Synthesis and electronic structure of epitaxially stabilized Sr _{2-x} La _x VO ₄ (0 ≤ x ≤ 1) thin films. Applied Physics Letters, 2003, 82, 194-196.	3.3	23
39	Different routes to charge disproportionation in perovskite-type Fe oxides. Physical Review B, 2002, 66, .	3.2	67
40	Chemical potential shift in La _{1-x} Sr _x MnO ₃ : Photoemission test of the phase separation scenario. Europhysics Letters, 2002, 59, 252-257.	2.0	38
41	Core-level photoemission measurements of the chemical potential shift as a probe of correlated electron systems. Journal of Electron Spectroscopy and Related Phenomena, 2002, 124, 127-138.	1.7	51
42	Angle-resolved photoemission and band-structure results for linear chain TiGaTe ₂ . Physical Review B, 2001, 64, .	3.2	35
43	Photoemission and band-calculation studies of the charge-density wave in CuV ₂ S ₄ . Physical Review B, 2001, 64, .	3.2	19
44	Soft X-ray magnetic circular dichroism study of the ferromagnetic spinel-type Cr chalcogenides. Journal of Electron Spectroscopy and Related Phenomena, 2001, 114-116, 789-793.	1.7	8
45	Chemical potential shift in Nd _{2-x} Ce _x CuO ₄ : Contrasting behavior between the electron- and hole-doped cuprates. Physical Review B, 2001, 64, .	3.2	81
46	Soft x-ray magnetic circular dichroism study of the ferromagnetic spinel-type Cr chalcogenides. Physical Review B, 2001, 63, .	3.2	57
47	Electronic structure of the "heavy-fermion" systems LiV ₂ O ₄ . Physica B: Condensed Matter, 2000, 281-282, 28-29.	2.7	4
48	X-ray emission and photoelectron spectra of Pr _{0.5} Sr _{0.5} MnO ₃ . Physical Review B, 1999, 59, 12799-12806.	3.2	24
49	Doping dependence of the electronic structure of Ba _{1-x} K _x BiO ₃ studied by x-ray-absorption spectroscopy. Physical Review B, 1999, 59, 15100-15106.	3.2	13
50	Electronic structure of spinel-type LiV ₂ O ₄ . Physical Review B, 1999, 60, 1607-1610.	3.2	61
51	X-ray emission and photoelectron spectra of Pr _{0.5} Sr _{0.5} MnO ₃ . Journal of Electron Spectroscopy and Related Phenomena, 1999, 101-103, 793-798.	1.7	2
52	Photoemission and Hartree-Fock studies of oxygen-hole ordering in charge-disproportionated La _{1-x} Sr _x FeO ₃ . Physical Review B, 1999, 60, 4605-4608.	3.2	61
53	X-ray emission spectra and electronic structure of Cu _{1-r} S ₄ and Cu _{1-r} Se ₄ . Solid State Communications, 1998, 108, 235-239.	1.9	17
54	Photoemission study of the metal-insulator transition in Cu _{1-r} S ₄ . Physical Review B, 1997, 55, R15979-R15982.	3.2	88