

youichi Murakami

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

348
papers

10,428
citations

49
h-index

91
g-index

368
ext. papers

11,375
ext. citations

3.8
avg, IF

5.57
L-index

#	Paper	IF	Citations
348	High-power laser experiment forming a supercritical collisionless shock in a magnetized uniform plasma at rest.. <i>Physical Review E</i> , 2022 , 105, 025203	2.4	2
347	Photoinduced transient states of antiferromagnetic orderings in La _{1/3} Sr _{2/3} FeO ₃ and SrFeO ₃ thin films observed through time-resolved resonant soft x-ray scattering. <i>New Journal of Physics</i> , 2022 , 24, 043012	2.9	
346	Effect of Alkyl Chain Length on Charge Transport Property of Anthracene-Based Organic Semiconductors. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 989-998	9.5	9
345	Modulation of the electronic states and magnetic properties of nickel catecholdithiolene complex by oxidation-coupled deprotonation. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 10718-10726	7.1	1
344	Crystallographical and morphological changes in charge-ordering transition of RFe ₂ O ₄ (R: Y, Lu) investigated by transmission electron microscopy. <i>Ferroelectrics</i> , 2021 , 584, 20-30	0.6	0
343	Field-induced spin reorientation in the antiferromagnetic Dirac material EuMnBi ₂ revealed by neutron and resonant x-ray diffraction. <i>Physical Review B</i> , 2020 , 101,	3.3	3
342	Current-induced Giant Lattice Deformation in the Mott Insulator Ca ₂ RuO ₄ . <i>Journal of the Physical Society of Japan</i> , 2020 , 89, 044710	1.5	4
341	Polar nano-region structure in the oxynitride perovskite LaTiON. <i>Chemical Communications</i> , 2020 , 56, 1385-1388	5.8	5
340	Topological metastability supported by thermal fluctuation upon formation of chiral soliton lattice in [Formula: see text]. <i>Scientific Reports</i> , 2020 , 10, 18596	4.9	2
339	Metamagnetic transitions and magnetoelectric responses in the chiral polar helimagnet Ni ₂ InSbO ₆ . <i>Physical Review B</i> , 2020 , 102,	3.3	1
338	Magnetism induced by interlayer electrons in the quasi-two-dimensional electride Y ₂ C: Inelastic neutron scattering study. <i>Physical Review B</i> , 2020 , 102,	3.3	4
337	Quantum dynamics of hydrogen in the iron-based superconductor LaFeAsO _{0.9} D _{0.1} measured with inelastic neutron spectroscopy. <i>Physical Review B</i> , 2019 , 99,	3.3	1
336	Construction of three-dimensional anionic molecular frameworks based on hydrogen-bonded metal dithiolene complexes and the crystal solvent effect. <i>CrystEngComm</i> , 2019 , 21, 2940-2948	3.3	6
335	Lead fluoride Cherenkov detector read out by avalanche photodiodes for measuring the intensities of pulsed antiproton beams. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019 , 933, 75-83	1.2	3
334	Pressure-induced hydrogen localization coupled to a semiconductor-insulator transition in a hydrogen-bonded molecular conductor.. <i>RSC Advances</i> , 2019 , 9, 18353-18358	3.7	6
333	Structural and Thermal Properties in Formamidinium and Cs-Mixed Lead Halides. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 6967-6972	6.4	20
332	Field-Induced Antipolar-Polar Structural Transformation and Giant Electrostriction in Organic Crystal. <i>Journal of the American Chemical Society</i> , 2018 , 140, 3842-3845	16.4	16

331	Thickness dependence and dimensionality effects on charge and magnetic orderings in La _{1/3} Sr _{2/3} FeO ₃ thin films. <i>Physical Review B</i> , 2018 , 97,	3-3	5
330	Cluster-Based Haldane State in an Edge-Shared Tetrahedral Spin-Cluster Chain: Fedotovite K ₂ Cu ₃ O(SO ₄) ₃ . <i>Physical Review Letters</i> , 2018 , 120, 077201	7-4	17
329	Crystal structure determination under high pressure in the iron-based ladder superconductor BaFe ₂ S ₃ . <i>Superconductor Science and Technology</i> , 2018 , 31, 105002	3-1	6
328	Growth of antiperovskite oxide Ca ₃ SnO films by pulsed laser deposition. <i>Journal of Crystal Growth</i> , 2018 , 500, 33-37	1-6	12
327	Gapless magnetic excitation in a heavily electron-doped antiferromagnetic phase of LaFeAsO _{0.5} D _{0.5} . <i>Physical Review B</i> , 2018 , 98,	3-3	1
326	Magnetic ordering in multiferroic SmMn ₂ O ₅ and GdMn ₂ O ₅ studied by resonant soft x-ray scattering. <i>Physical Review B</i> , 2018 , 98,	3-3	2
325	Charge disproportionation of Mn 3d and O 2p electronic states depending on strength of p-d hybridization in (LaMnO ₃) ₂ (SrMnO ₃) ₂ superlattices. <i>Physical Review B</i> , 2018 , 98,	3-3	3
324	Carboxylic Acid Functionalized Spin-Crossover Iron(II) Grids for Tunable Switching and Hybrid Electrode Fabrication. <i>Inorganic Chemistry</i> , 2018 , 57, 14013-14017	5-1	14
323	Commensurate versus incommensurate charge ordering near the superconducting dome in Ir _{1-x} Pt _x Te ₂ revealed by resonant x-ray scattering. <i>Physical Review B</i> , 2018 , 97,	3-3	4
322	Absence of Magnetic Long Range Order in Ba ₃ ZnRu ₂ O ₉ : A Spin-Liquid Candidate in the S = 3/2 Dimer Lattice. <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 033702	1-5	10
321	Coupled multiferroic domain switching in the canted conical spin spiral system MnGeO. <i>Nature Communications</i> , 2017 , 8, 15457	17-4	12
320	Anion substitution in hydrogen-bonded organic conductors: the chemical pressure effect on hydrogen-bond-mediated phase transition. <i>CrystEngComm</i> , 2017 , 19, 367-375	3-3	12
319	Spin State of Co ³⁺ in LaCo _{1-x} Rh _x O ₃ Studied Using X-ray Absorption Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 094701	1-5	3
318	Crystallization and vitrification of electrons in a glass-forming charge liquid. <i>Science</i> , 2017 , 357, 1381-1385	3-3	24
317	Three superconducting phases with different categories of pairing in hole- and electron-doped LaFeAs _{1-x} P _x O. <i>Physical Review B</i> , 2017 , 95,	3-3	9
316	Structure determination in thin film Ba _{1-x} LaxFe ₂ As ₂ : Relation between the FeAs ₄ geometry and superconductivity. <i>Physical Review B</i> , 2017 , 96,	3-3	4
315	Possible Tomonaga-Luttinger spin liquid state in the spin-1/2 inequilateral diamond-chain compound KCuAlO(SO). <i>Scientific Reports</i> , 2017 , 7, 16785	4-9	14
314	Emergence and magnetic-field variation of chiral-soliton lattice and skyrmion lattice in the strained helimagnet Cu ₂ OSeO ₃ . <i>Physical Review B</i> , 2017 , 96,	3-3	16

313	Semimetallic bands derived from interlayer electrons in the quasi-two-dimensional electride Y2C. <i>Physical Review B</i> , 2017 , 96,	3-3	15
312	Directional electric-field induced transformation from skyrmion lattice to distinct helices in multiferroic Cu2OSeO3. <i>Physical Review B</i> , 2017 , 95,	3-3	8
311	Chiral crystal-structure transformation of R3Co4Sn13 (R=La and Ce). <i>Physical Review B</i> , 2016 , 94,	3-3	19
310	Observation of magnetic order in multiferroic SmMn2O5 studied by resonant x-ray magnetic scattering. <i>Physical Review B</i> , 2016 , 93,	3-3	10
309	Strong charge density wave fluctuation and sliding state in PdTeI with quasi-one-dimensional PdTe chains. <i>Physical Review B</i> , 2016 , 93,	3-3	5
308	Solvent-induced on/off switching of intramolecular electron transfer in a cyanide-bridged trigonal bipyramidal complex. <i>Dalton Transactions</i> , 2016 , 45, 17104-17107	4-3	15
307	Buffer-gas cooling of antiprotonic helium to 1.5 to 1.7 K, and antiproton-to-electron mass ratio. <i>Science</i> , 2016 , 354, 610-614	33-3	61
306	Observation of momentum-resolved charge fluctuations proximate to the charge-order phase using resonant inelastic x-ray scattering. <i>Scientific Reports</i> , 2016 , 6, 23611	4-9	1
305	Gritty Surface Sample Holder Invented To Obtain Correct X-ray Absorption Fine Structure Spectra for Concentrated Materials by Fluorescence Yield. <i>Analytical Chemistry</i> , 2016 , 88, 3455-8	7-8	1
304	Quantum Hall effect in a bulk antiferromagnet EuMnBi2 with magnetically confined two-dimensional Dirac fermions. <i>Science Advances</i> , 2016 , 2, e1501117	14-3	110
303	Surface Ordering of Orbitals at a Higher Temperature in LaCoO3 Thin Film. <i>Journal of the Physical Society of Japan</i> , 2016 , 85, 023704	1-5	7
302	Novel Charge Ordering in the Trimer Iridium Oxide BaIrO3. <i>Crystals</i> , 2016 , 6, 27	2-3	5
301	Thickness-dependent physical properties of La1/3Sr2/3FeO3 thin films grown on SrTiO3 (001) and (111) substrates. <i>Journal of Applied Physics</i> , 2016 , 120, 025303	2-5	5
300	Pressure effect on iron-based superconductor LaFeAsOH: Peculiar response of 1111-type structure. <i>Scientific Reports</i> , 2016 , 6, 39646	4-9	23
299	Microscopic Examinations of Co Valences and Spin States in Electron-Doped LaCoO3. <i>Journal of the Physical Society of Japan</i> , 2016 , 85, 094702	1-5	5
298	Effects of c/a Anisotropy and Local Crystal Structure on Superconductivity in AFe2(As1-xPx)2 (A = Ba1-xSry, Sr1-xCay and Eu). <i>Journal of the Physical Society of Japan</i> , 2016 , 85, 063705	1-5	4
297	High Oxidation Tolerance of Ru Nanoparticles on 12CaO7Al2O3 Electride. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 8711-8716	3-8	4
296	Method for laser spectroscopy of metastable pionic helium atoms. <i>Hyperfine Interactions</i> , 2015 , 233, 83-87	0-8	1

295	X-ray study of metal-insulator transitions induced by W doping and photoirradiation in VO ₂ films. <i>Physical Review B</i> , 2015 , 91,	3.3	14
294	X-ray induced lock-in transition of cycloidal magnetic order in a multiferroic perovskite manganite. <i>Physical Review B</i> , 2015 , 91,	3.3	2
293	The Effect of the Chemical Structures of Synthetic Hydrocarbon Oils on Their Tribochemical Decomposition. <i>Tribology Letters</i> , 2015 , 60, 1	2.8	8
292	Structural anomalies and short-range magnetic correlations in the orbitally degenerate system Sr ₂ VO ₄ . <i>Physical Review B</i> , 2015 , 92,	3.3	5
291	Strain-sensitive spin-state ordering in thin films of perovskite LaCoO ₃ . <i>Physical Review B</i> , 2015 , 92,	3.3	19
290	Dynamical process of skyrmion-helical magnetic transformation of the chiral-lattice magnet FeGe probed by small-angle resonant soft x-ray scattering. <i>Physical Review B</i> , 2015 , 92,	3.3	28
289	Magnetic and electronic states in (LaMnO ₃) ₂ (SrMnO ₃) ₂ superlattice exhibiting a large negative magnetoresistance. <i>Physical Review B</i> , 2015 , 92,	3.3	11
288	Modulation of a Molecular π -Electron System in a Purely Organic Conductor that Shows Hydrogen-Bond-Dynamics-Based Switching of Conductivity and Magnetism. <i>Chemistry - A European Journal</i> , 2015 , 21, 15020-8	4.8	30
287	Symmetry Lowering in LaOBiS ₂ : A Mother Material for BiS ₂ -Based Layered Superconductors. <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 123703	1.5	44
286	Protonation of pyridyl-substituted TTF derivatives: substituent effects in solution and in the proton-electron correlated charge-transfer complexes. <i>Chemistry - A European Journal</i> , 2014 , 20, 1909-17	4.8	16
285	Bipartite magnetic parent phases in the iron oxypnictide superconductor. <i>Nature Physics</i> , 2014 , 10, 300-302	3.3	96
284	Polarization switching ability dependent on multidomain topology in a uniaxial organic ferroelectric. <i>Nano Letters</i> , 2014 , 14, 239-43	11.5	50
283	Neutron magnetic scattering study in manganite thin film system. <i>Solid State Communications</i> , 2014 , 185, 18-20	1.6	4
282	Solid-solid phase interconversion in an organic conductor crystal: hydrogen-bond-mediated dynamic changes in π -stacked molecular arrangement and physical properties. <i>Chemical Communications</i> , 2014 , 50, 15557-60	5.8	19
281	X-ray-induced phase transitions by selective excitation of heterometal ions in a cyanide-bridged Fe-Co molecular square. <i>Chemical Communications</i> , 2014 , 50, 4050-2	5.8	27
280	Investigation of the light-induced electron-transfer-coupled spin transition in a cyanide-bridged [Co ₂ Fe ₂] complex by X-ray diffraction and absorption measurements. <i>Inorganic Chemistry Frontiers</i> , 2014 , 1, 540-543	6.8	19
279	Evolution of magnetic and structural transitions and enhancement of magnetocaloric effect in Fe _{1-x} MnxV ₂ O ₄ . <i>Physical Review B</i> , 2014 , 89,	3.3	23
278	Possible Existence of Two Charge-Ordered Phases in Pr _{1-x} CaxMnO ₃ for 0.40 \leq x \leq 0.50. <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 064709	1.5	3

277	Hydrogen ordering and new polymorph of layered perovskite oxyhydrides: SrVO _(4-x) H(x). <i>Journal of the American Chemical Society</i> , 2014 , 136, 7221-4	16.4	55
276	Hydrogen-bond-dynamics-based switching of conductivity and magnetism: a phase transition caused by deuterium and electron transfer in a hydrogen-bonded purely organic conductor crystal. <i>Journal of the American Chemical Society</i> , 2014 , 136, 12184-92	16.4	96
275	Antiferromagnetic Order of the Co ²⁺ High-Spin State with a Large Orbital Angular Momentum in La _{1.5} Ca _{0.5} CoO ₄ . <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 044705	1.5	7
274	Programmable spin-state switching in a mixed-valence spin-crossover iron grid. <i>Nature Communications</i> , 2014 , 5, 3865	17.4	148
273	Structural Modulation of the Cage Lattice System DyB ₆ 2014 ,		3
272	Systematic Variations in the Charge-Glass-Forming Ability of Geometrically Frustrated [B(EDT-TTF) ₂ X] Organic Conductors. <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 083602	1.5	19
271	Development of an in-vacuum diffractometer for resonant soft X-ray scattering. <i>Journal of Physics: Conference Series</i> , 2014 , 502, 012015	0.3	8
270	Construction of a soft X-ray diffractometer with a 7.5-T superconducting magnet. <i>Journal of Physics: Conference Series</i> , 2014 , 502, 012016	0.3	1
269	Structure-property relationship of supramolecular ferroelectric [H-66dmbp][Hca] accompanied by high polarization, competing structural phases, and polymorphs. <i>Chemistry - A European Journal</i> , 2014 , 20, 17515-22	4.8	22
268	Molecular electronic states in charge transfer complex studied by x-ray absorption spectroscopy. <i>Journal of Physics: Conference Series</i> , 2014 , 502, 012036	0.3	0
267	Emergence of nonequilibrium charge dynamics in a charge-cluster glass. <i>Physical Review B</i> , 2014 , 89,	3.3	22
266	Unconventional magnetism in the layered oxide LaSrRhO ₄ . <i>Physical Review B</i> , 2014 , 90,	3.3	7
265	Magnetic and electronic properties of (LaMnO ₃) ₅ (SrMnO ₃) ₅ superlattice revealed by resonant soft X-ray scattering. <i>Japanese Journal of Applied Physics</i> , 2014 , 53, 05FH07	1.4	2
264	Spin-orbital superstructure in strained ferrimagnetic perovskite cobalt oxide. <i>Physical Review Letters</i> , 2013 , 111, 027206	7.4	49
263	Multiple helimagnetic phases and topological Hall effect in epitaxial thin films of pristine and Co-doped SrFeO ₃ . <i>Physical Review B</i> , 2013 , 88,	3.3	42
262	Dopant-dependence on charge-orbital order in impurity doped layered manganites. <i>Journal of the Korean Physical Society</i> , 2013 , 63, 729-732	0.6	
261	Hydrogen bond-promoted metallic state in a purely organic single-component conductor under pressure. <i>Nature Communications</i> , 2013 , 4, 1344	17.4	118
260	Resonant X-ray Scattering Experiments on the Ordering of Electronic Degrees of Freedom. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 021007	1.5	19

259	Instrumental upgrades of the RIXS spectrometer at BL11XU at SPring-8. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2013 , 188, 127-132	1.7	11
258	Charge-cluster glass in an organic conductor. <i>Nature Physics</i> , 2013 , 9, 419-422	16.2	58
257	Spin-state responses to light impurity substitution in low-spin perovskite LaCoO ₃ . <i>Physical Review B</i> , 2013 , 87,	3.3	6
256	Resonant soft X-ray scattering study of the magnetic structures in La _{1.5} Ca _{0.5} CoO ₄ using a high vacuum diffractometer with a 4-blade-slit detector system. <i>Journal of Physics: Conference Series</i> , 2013 , 425, 202003	0.3	7
255	Change of electronic state and crystal structure by postannealing in superconducting SrFe ₂ (As _{0.65} P _{0.35}) ₂ . <i>Physical Review B</i> , 2013 , 87,	3.3	12
254	X-ray photoinduced persistent and bidirectional phase transition enabled by impurity doping in layered manganite. <i>Physical Review B</i> , 2013 , 87,	3.3	2
253	Spin State of Co ³⁺ in LaCo _{1-x} Rh _x O ₃ Investigated by Structural Phenomena. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 114606	1.5	6
252	Diffractometer for small angle resonant soft x-ray scattering under magnetic field. <i>Journal of Physics: Conference Series</i> , 2013 , 425, 132012	0.3	6
251	Emergent phenomena in perovskite-type manganites. <i>Physica B: Condensed Matter</i> , 2012 , 407, 1685-1688	8.8	4
250	Application of multiple prompt gamma-ray analysis (MPGA) to geochemical and cosmochemical samples. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012 , 291, 335-339	1.5	4
249	Observation of Structural Change in the Novel Ferromagnetic Metal-Insulator Transition of K ₂ Cr ₈ O ₁₆ . <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 054710	1.5	18
248	Orbital states of V trimers in BaV ₁₀ O ₁₅ detected by resonant x-ray scattering. <i>Physical Review B</i> , 2012 , 86,	3.3	18
247	Above-room-temperature ferroelectricity and antiferroelectricity in benzimidazoles. <i>Nature Communications</i> , 2012 , 3, 1308	17.4	167
246	Origin of the large polarization in multiferroic YMnO ₃ thin films revealed by soft- and hard-X-ray diffraction. <i>Physical Review Letters</i> , 2012 , 108, 047203	7.4	62
245	Three-way switching in a cyanide-bridged [CoFe] chain. <i>Nature Chemistry</i> , 2012 , 4, 921-6	17.6	235
244	Electronic ferroelectricity in a molecular crystal with large polarization directing antiparallel to ionic displacement. <i>Physical Review Letters</i> , 2012 , 108, 237601	7.4	162
243	Charge-order driven proton arrangement in a hydrogen-bonded charge-transfer complex based on a pyridyl-substituted TTF derivative. <i>Chemical Communications</i> , 2012 , 48, 8673-5	5.8	37
242	Magnetic Phase Diagrams of YVO ₃ and TbVO ₃ under High Pressure. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 024715	1.5	5

241	Cr- and Mo-Doping Effects on Structural and Orbital Order Phase Transition in Spinel-Type MnV ₂ O ₄ . <i>Journal of the Physical Society of Japan</i> , 2012 , 81, SB030	1.5	3
240	Observations of charge-ordered and magnetic domains in LuFe ₂ O ₄ using transmission electron microscopy. <i>Physical Review B</i> , 2012 , 86,	3.3	12
239	High-temperature thermoelectric properties of the double-perovskite ruthenium oxide (Sr _{1-x} La _x) ₂ ErRuO ₆ . <i>Journal of Applied Physics</i> , 2012 , 112, 073714	2.5	14
238	Pseudogap-related charge dynamics in the layered nickelate R ₂ Sr _x NiO ₄ (x~1). <i>Physical Review B</i> , 2012 , 86,	3.3	10
237	Magnetism and Pressure-Induced Superconductivity of Checkerboard-Type Charge-Ordered Molecular Conductor [(meso-DMBEDT-TTF) ₂ X] (X = PF ₆ and AsF ₆). <i>Crystals</i> , 2012 , 2, 1502-1513	2.3	12
236	T _c of 11 K Identified for the Third Polymorph of the (BEDT-TTF) ₂ Ag(CF ₃) ₄ (TCE) Organic Superconductor. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 023705	1.5	8
235	Neutron scattering study on magnetic ordering in a partially rare-earth filled skutterudite Pr _x Fe ₄ Sb ₁₂ . <i>Journal of Physics: Conference Series</i> , 2012 , 391, 012025	0.3	0
234	Impurity effect on orbital ordering and magnetic property in La _{0.5} Sr _{1.5} MnO ₄ . <i>Journal of Physics: Conference Series</i> , 2012 , 400, 042071	0.3	
233	Garnet superlattice as a transparent above-room-temperature polar magnet. <i>Physical Review B</i> , 2011 , 83,	3.3	6
232	Displacement-type ferroelectricity with off-center magnetic ions in perovskite Sr(1-x)Ba(x)MnO ₃ . <i>Physical Review Letters</i> , 2011 , 107, 137601	7.4	118
231	Electroabsorption study of index-defined semiconducting carbon nanotubes. <i>EPJ Applied Physics</i> , 2011 , 55, 20401	1.1	5
230	Giant Rashba-type spin splitting in bulk BiTeI. <i>Nature Materials</i> , 2011 , 10, 521-6	27	569
229	Polarization reversal by intramolecular disordering in organic ferroelectrics: trichloroacetamide. <i>CrystEngComm</i> , 2011 , 13, 2693	3.3	13
228	Controlled intramolecular electron transfers in cyanide-bridged molecular squares by chemical modifications and external stimuli. <i>Journal of the American Chemical Society</i> , 2011 , 133, 3592-600	16.4	177
227	Magnetic Field and Temperature Dependence of X-ray Superlattice Intensity in Multipole Ordered Phase of Pr(Ru _{1-x} Rh _x) ₄ P ₁₂ (x= 0, 0.03). <i>Journal of the Physical Society of Japan</i> , 2011 , 80, SA026	1.5	0
226	Aharonov-Bohm Exciton Splittings in Carbon Nanotubes in Ultra-High Magnetic Fields. <i>Journal of Physics: Conference Series</i> , 2011 , 334, 012051	0.3	5
225	Successive Magnetic Phase Transitions of Component Orderings in DyB ₄ . <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 074701	1.5	11
224	Peierls mechanism of the metal-insulator transition in ferromagnetic hollandite K ₂ Cr ₈ O ₁₆ . <i>Physical Review Letters</i> , 2011 , 107, 266402	7.4	40

223	Resonant soft X-ray magnetic scattering study of magnetic structures in La _{1.5} Ca _{0.5} CoO ₄ . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2011 , 184, 224-226	1.7	2
222	Softening of Phonon by Filled Rare-Earth Ion Motion Common to Skutterudite with Sb Cages. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, SA032	1.5	
221	Orbital Ordering of Intermediate-Spin State of Co ³⁺ in Sr ₃ YCo ₄ O _{10.5} . <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 023711	1.5	32
220	Motion of the guest ion as precursor to the first-order phase transition in the cage system GdB ₆ . <i>Physical Review B</i> , 2011 , 84,	3.3	23
219	Effects of cation-size variance on spin and orbital orders in Eu _{1-x} (La _{0.25} Y _{0.746}) _x VO ₃ . <i>Physical Review B</i> , 2011 , 84,	3.3	11
218	Uniaxial colossal magnetoresistance in the Ising magnet SrCo ₂ O ₁₉ . <i>Physical Review B</i> , 2011 , 83,	3.3	9
217	Multiferroicity in NiBr ₂ with long-wavelength cycloidal spin structure on a triangular lattice. <i>Physical Review B</i> , 2011 , 84,	3.3	25
216	X-ray induced insulator-metal transition in a thin film of electron-doped VO ₂ . <i>Physical Review B</i> , 2011 , 84,	3.3	15
215	Anisotropic thermoelectric properties associated with dimensional crossover in quasi-one-dimensional SrNbO _{3.4+d} (d~0.03). <i>Physical Review B</i> , 2011 , 84,	3.3	16
214	Polarization-analyzed resonant inelastic x-ray scattering of the orbital excitations in KCuF ₃ . <i>Physical Review B</i> , 2011 , 83,	3.3	23
213	Application of Upgraded X-ray Magnetic Diffraction Experimental System to 3d- and 4f-Electron Ferromagnets. <i>E-Journal of Surface Science and Nanotechnology</i> , 2011 , 9, 134-137	0.7	
212	Spin Density Distribution of YTiO ₃ Observed by X-Ray Magnetic Diffraction. <i>Key Engineering Materials</i> , 2010 , 459, 7-10	0.4	
211	Exciton diffusion in air-suspended single-walled carbon nanotubes. <i>Physical Review Letters</i> , 2010 , 104, 247402	7.4	84
210	Electron doping in the cubic perovskite SrMnO ₃ : Isotropic metal versus chainlike ordering of Jahn-Teller polarons. <i>Physical Review B</i> , 2010 , 82,	3.3	37
209	Resonant X-ray scattering study of perovskite-type vanadate RVO ₃ . <i>Diamond Light Source Proceedings</i> , 2010 , 1,		2
208	Temperature evolution of crystal field splitting in Pr-filled skutterudite. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 012071	0.3	3
207	Rh-substitution effect on 4f-electron states in multipole ordered phase of PrRu ₄ P ₁₂ . <i>Journal of Physics: Conference Series</i> , 2010 , 200, 012170	0.3	1
206	Structural modulation and multipolar ordering in the metal-nonmetal compounds Pr(Ru _{1-x} Rh _x) ₄ P ₁₂ . <i>Journal of Physics: Conference Series</i> , 2010 , 200, 012102	0.3	1

205	Resonant magnetic x-ray diffraction study on the successive metamagnetic transitions of TbB ₄ up to 30 T. <i>Journal of Physics: Conference Series</i> , 2010 , 211, 012010	0.3	1
204	X-ray photon correlation spectroscopy study in valence fluctuation compound Eu ₃ S ₄ 2010 ,		2
203	Magneto-Absorption Spectra from Selected Chirality of Single-Walled Carbon Nanotubes. <i>Journal of Low Temperature Physics</i> , 2010 , 159, 267-271	1.3	
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