

Jun Sugiyama

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	How Li diffusion in spinel $\text{Li}[\text{Ni}_{1/2}\text{Mn}_{3/2}]\text{O}_4$ is seen with μSR . Zeitschrift Fur Physikalische Chemie, 2022, 236, 799-816.	1.4	5
2	Na Diffusion in Hard Carbon Studied with Positive Muon Spin Rotation and Relaxation. ACS Physical Chemistry Au, 2022, 2, 98-107.	1.9	7
3	Repeatable Photoinduced Insulator-to-Metal Transition in Yttrium Oxyhydride Epitaxial Thin Films. Chemistry of Materials, 2022, 34, 3616-3623.	3.2	8
4	Negative Muon Spin Rotation and Relaxation Study on Battery Anode Material, Spinel $\text{Li}_4\text{Ti}_5\text{O}_{12}$. Journal of Physical Chemistry C, 2022, 126, 10506-10514.	1.5	6
5	Pressure dependence of ferromagnetic phase boundary in BaVSe_3 studied with high-pressure μSR . Physical Review B, 2021, 103, .	1.1	7
6	Structural Transition with a Sharp Change in the Electrical Resistivity and Spin-Orbit Mott Insulating State in a Rhenium Oxide, $\text{Sr}_3\text{Re}_2\text{O}_9$. Inorganic Chemistry, 2021, 60, 507-514.	1.9	4
7	Na-ion mobility in P2-type $\text{Na}_{0.5}\text{Mg}_x\text{Ni}_{0.17}\text{Mn}_{0.83}\text{O}_2$ (0 $\leq x \leq$ 0.07) from electrochemical and muon spin relaxation studies. Physical Chemistry Chemical Physics, 2021, 23, 24478-24486.	1.3	7
8	Intertwined magnetic sublattices in the double perovskite compound LaSrNiReO_6 . Physical Review B, 2020, 102, .	1.1	4
9	Nuclear magnetic field in $\text{Na}_{0.7}\text{MnO}_2$ detected with μSR . Physical Review B, 2020, 102, .	1.1	7
10	Magnetism and ion diffusion in honeycomb layered oxide $\text{K}_2\text{Ni}_2\text{TeO}_6$. Scientific Reports, 2020, 10, 18305.	1.6	21
11	A_{-1} -type antiferromagnet NaNiO_2 with muon spin rotation measurements and density functional theory calculations. Physical Review B, 2020, 102, .	1.1	4
12	Magnetic phase boundary of BaVS_3 clarified with high-pressure μSR . Physical Review B, 2020, 101, .	1.1	8
13	Nondestructive High-Sensitivity Detections of Metallic Lithium Deposited on a Battery Anode Using Muonic X-rays. Analytical Chemistry, 2020, 92, 8194-8200.	3.2	26
14	Investigation of ionic and anomalous magnetic behavior in CrSe_2 using ^7Li -NMR. RSC Advances, 2020, 10, 8190-8197.	1.7	3
15	Li diffusion in LiMnO_4 . Neutron powder diffraction study of LiMnO_4 and NaMnO_4 and LiMnO_2 . Physical Review Research, 2020, 2, .	1.3	15
16	LiMnO_4 and NaMnO_4 and LiMnO_2 . Physical Review Research, 2020, 2, .	1.3	2
17	Battery Materials Research with Muon Beam. , 2019, , .		0
18	Bi-Arrhenius Diffusion and Surface Trapping of ^6Li in Rutile TiO_2 . Physical Review Letters, 2019, 123, 095901.	2.9	2

#	ARTICLE	IF	CITATIONS
19	Desorption reaction in MgH_{2} studied with <i>in situ</i> $^{1/4}\text{SR}$. Sustainable Energy and Fuels, 2019, 3, 956-964.	2.5	9
20	Spin polarized beam for battery materials research: $^{1/4}\text{SR}$ and $^{1/4}\text{NMR}$. Hyperfine Interactions, 2019, 240, 1.	0.2	2
21	Linear Trimer Formation with Antiferromagnetic Ordering in 1T-CrSe_{2} Originating from Peierls-like Instabilities and Interlayer Se-Se Interactions. Inorganic Chemistry, 2019, 58, 14304-14315.	1.9	25
22	Magnetic phase diagram of $\text{K}_{2}\text{Cr}_{8}\text{O}_{16}$ clarified by high-pressure muon spin spectroscopy. Scientific Reports, 2019, 9, 1141.	1.6	15
23	Magnetic moment of rare-earth elements in B_{2}R estimated with $^{1/4}\text{SR}$. Physical Review Materials, 2019, 3, .	0.9	6
24	Investigation of the Magnetic Properties of $\text{Na}_{0.7}\text{CoO}_{2}$ Prepared by Electrochemical Reaction. , 2018, , .		2
25	$^{1/4}\text{SR}$ Investigation of the Shastry-Sutherland Compound $\text{SrCu}_{2}(\text{BO}_{3})_{2}$. , 2018, , .		2
26	Magnetism of the $\text{A}_{2}\text{CaCu}_{3}\text{O}_{12}$ -site ordered perovskites and $\text{La}_{2}\text{O}_{3}$.	1.1	6
27	$^{1/4}\text{SR}$ Study of Superconductivity in the Thin Film Battery Material $\text{LiTi}_{2}\text{O}_{4}$. , 2018, , .		1
28	Detection of Li in Li-ion Battery Electrode Materials by Muonic X-ray. , 2018, , .		3
29	Magnetic Spin Correlations in the One-dimensional Frustrated Spin-chain System $\text{Ca}_{3}\text{Co}_{2}\text{O}_{6}$. , 2018, , .		1
30	Observation of Li Diffusion in Cathode Sheets of Li-ion Battery by $^{1/4}\text{SR}$. , 2018, , .		0
31	On the Use of ^{31}Mg for $^{1/4}\text{SR}$ Detected NMR Studies of Solids. , 2018, , .		1
32	Challenge for Detecting the Interface between Electrode and Electrolyte with $^{1/4}\text{NMR}$. , 2018, , .		1
33	Internal Magnetic Field on the Two-Dimensional Triangular Lattice Formed by $\text{Mo}_{3}\text{O}_{8}$ Trimers. , 2018, , .		0
34	$^{1/4}\text{SR}$ Study of $\text{K}_{2}\text{Cr}_{8}\text{O}_{16}$ Under Hydrostatic Pressure. , 2018, , .		1
35	$^{1/4}\text{SR}$ Study on Li Ionic Conductors. , 2018, , .		2
36	$^{1/4}\text{SR}$ Study on Layered Chromium Perovskites: $\text{Sr}_{n+1}\text{Cr}_{n}\text{O}_{3n+1}$ ($n=1, 2, 3$). , 2018, , .		2

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37	A-site Ordered Chromium Perovskites, ACu ₃ Cr ₄ O ₁₂ with A = Trivalent Ions. , 2018, , .		0
38	Deviation of Internal Magnetic Field in the CrSe ₂ Triangular Lattice with Li Intercalation. , 2018, , .		2
39	Na Diffusion in Quasi One-Dimensional Ion Conductor NaMn ₂ O ₄ Observed by $\frac{1}{4}$ SR. , 2018, , .		5
40	Nuclear Magnetic Field in Solids Detected with Negative-Muon Spin Rotation and Relaxation. Physical Review Letters, 2018, 121, 087202.	2.9	22
41	Magnetic structure for NaCr ₂ O ₄ analyzed by neutron diffraction and muon spin-rotation. Physica B: Condensed Matter, 2018, 551, 137-141.	1.3	4
42	Li-Diffusion in Spinel Li[Ni _{1/2} Mn _{3/2}]O ₄ Powder and Film Studied with $\frac{1}{4}$ SR. , 2018, , .		0
43	Measurement and <i>ab initio</i> calculation of the structural parameters and physical properties of 3d transition intermetallics TiM ₃ P (M = Cr, Mn, Fe, Co, or Ni). Materials Research Express, 2017, 4, 046505.		4
44	$\hat{2}$ -NMR measurements of molecular-scale lithium-ion dynamics in poly(ethylene oxide)-lithium-salt thin films. Journal of Chemical Physics, 2017, 146, 244903.	1.2	5
45	Lithium diffusion in spinel LiTi_2O_4 and LiTi_2O_4 Physical Review B, 2017, 96, .	1.1	19
46	Li-ion diffusion in Li intercalated graphite C ₆ Li and C ₁₂ Li probed by $\frac{1}{4}$ SR. Physical Chemistry Chemical Physics, 2017, 19, 19058-19066.	1.3	43
47	Study on Hydrogen Storage Materials. Journal of the Physical Society of Japan, 2016, 85, 091012.	0.7	9
48	Operando Measurement of Solid Electrolyte Interphase Formation at Working Electrode of Li-Ion Battery by Time-Slicing Neutron Reflectometry. ACS Applied Materials & Interfaces, 2016, 8, 9540-9544.	4.0	61
49	Magnetic order on the metallic triangular lattice in CrSe ₂ by $\frac{1}{4}$ SR. Physical Review B, 2016, 94, .	1.1	13
50	Static Magnetic Order in A-site Ordered Perovskite, LaCu ₃ Cr ₄ O ₁₂ , Probed with Muon Spin Spectroscopy. Physics Procedia, 2015, 75, 435-442.	1.2	4
51	Magnetic Ground State of Novel Zigzag Chain Compounds, NaCr ₂ O ₄ and Ca _{1-x} NaxCr ₂ O ₄ , Determined with Muons and Neutrons. Physics Procedia, 2015, 75, 868-875.	1.2	5
52	Variation of magnetic ground state of Sr _{1-x} Ca _x Co ₂ P ₂ determined with $\frac{1}{4}$ SR. Physical Review B, 2015, 91, .	1.1	12
53	Li-ion diffusion in LiTi_2O_4 and LiTi_2O_4 Physical Review B, 2015, 92, .		55
54	Magnetic Phases in Sr _{1-x} Ca _x Co ₂ P ₂ Studied by $\frac{1}{4}$ SR. Physics Procedia, 2015, 75, 426-434.	1.2	1

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55	Dynamics across the structural transitions at elevated temperatures in Na _{0.7} Co ₂ . EPJ Web of Conferences, 2015, 83, 02008.	0.1	8
56	Magnetic anomalies and itinerant character of electrochemically Li-inserted Li _{1/3} Ti _{5/3} O ₄ . Physical Chemistry Chemical Physics, 2015, 17, 22652-22658.	1.3	7
57	Unveiled magnetic transition in Na battery material: μ +SR study of P2-Na _{0.5} VO ₂ . RSC Advances, 2015, 5, 18531-18537.	1.7	2
58	Li-Ion Dynamics in Li _{5+x} La ₃ Zr _x Nb ₂ O ₁₂ . , 2014, , .		1
59	Structural, magnetic, and diffusive nature of olivine-type Na _x FePO ₄ . Journal of Physics: Conference Series, 2014, 551, 012012.	0.3	5
60	Microscopic magnetic nature of K ₂ NiF ₄ -type 3d transition metal oxides. Journal of Physics: Conference Series, 2014, 551, 012011.	0.3	11
61	Thermally activated spin fluctuations in stoichiometric LiCoO ₂ clarified by electron paramagnetic resonance and variation of local magnetic environments in olivine-type compounds. Journal of Physics: Conference Series, 2014, 551, 012013.	1.1	21
62	Structural, magnetic, and diffusive nature of olivine-type Na _x FePO ₄ and Na _x P ₄ O ₄ clarified with μ +SR study. Physical Review B, 2014, 89, 040407.	1.1	7
63	Structural, magnetic, and diffusive nature of olivine-type Na _x FePO ₄ clarified with μ +SR study. Physical Review B, 2014, 89, 040407.	1.1	27
64	Understanding composition-property relationships in Ti-Cr-V-Mo alloys for optimisation of hydrogen storage in pressurised tanks. Physical Chemistry Chemical Physics, 2014, 16, 16563-16572.	1.3	8
65	μ -NMR Measurements of Lithium Ion Transport in Thin Films of Pure and Lithium-Salt-Doped Poly(ethylene oxide). Journal of the American Chemical Society, 2014, 136, 7833-7836.	6.6	25
66	Interrelationship between Number of Mobile Protons, Diffusion Coefficient, and AC Conductivity in Superprotonic Conductors, CsHSO ₄ and Rb ₃ H(SeO ₄) ₂ . Journal of the Physical Society of Japan, 2014, 83, 074604.	0.7	3
67	Lithium diffusive behavior in Li ₂ MnO ₃ detected by muon-spin relaxation. Solid State Ionics, 2014, 262, 901-903.	1.3	11
68	Li diffusive behavior of garnet-type oxides studied by muon-spin relaxation and QENS. Solid State Ionics, 2014, 262, 585-588.	1.3	27
69	Internal magnetic field in the zigzag-chain family (Na,Ca)Cr ₂ O ₄ . Journal of Physics: Conference Series, 2014, 551, 012013.	0.3	4
70	Magnetic phase diagram of Sr _{1-x} Ca _x Co ₂ P ₂ . Journal of Physics: Conference Series, 2014, 551, 012010.	0.3	3
71	Na-ion dynamics in Quasi-1D compound NaV ₂ O ₄ . Journal of Physics: Conference Series, 2014, 551, 012035.	0.3	13
72	Water-enhanced Adhesion at Interface in Immiscible Bilayer Film of Polystyrene and Poly(methyl) Tj ETQq0 0 0 rgBT, /Qoverlock 10 Tf 50 6	0.3	2

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73	Lithium Diffusion & Magnetism in Battery Cathode Material $\text{Li}_{1-x}\text{Ni}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3}\text{O}_2$. Journal of Physics: Conference Series, 2014, 551, 012037.	0.3	13
74	In situ μ SR measurements on the hydrogen desorption reaction of magnesium hydride. Journal of Physics: Conference Series, 2014, 551, 012036.	0.3	5
75	Spin fluctuations above 100 K in stoichiometric LiCoO_2 . Journal of Physics: Conference Series, 2014, 551, 012008.	0.3	3
76	^8Li -NMR study of epitaxial Li_xCoO_2 films. Journal of Physics: Conference Series, 2014, 551, 012009.	0.3	1
77	Magnetic order in the 2D Heavy-Fermion system CePt_2In_7 studied by μ SR. Journal of Physics: Conference Series, 2014, 551, 012028.	0.3	8
78	A Brief Survey of ^2H -Detected NMR of Implanted ^8Li in Organic Polymers. Journal of Physics: Conference Series, 2014, 551, 012039.	0.3	9
79	Proton Conductivity under Dry Conditions for Mesoporous Silica with Highly Dense Sulfonic Acid Groups. Journal of Physical Chemistry C, 2013, 117, 8727-8736.	1.5	15
80	Diffusive Behavior of Li Ions in Garnet $\text{Li}_5\text{La}_3\text{Zr}_x\text{Nb}_{2-x}\text{O}_{12}$		
81	Muon-spin relaxation study on Li- and Na-diffusion in solids. Physica Scripta, 2013, 88, 068509.	1.2	69
82	Ion Diffusion in Solids Probed by Muon-Spin Spectroscopy. Journal of the Physical Society of Japan, 2013, 82, SA023.	0.7	21
83	Reactive surface area of the $\text{Li}_x(\text{Co}_{1/3}\text{Ni}_{1/3}\text{Mn}_{1/3})\text{O}_2$ electrode determined by μ SR and electrochemical measurements. Physical Chemistry Chemical Physics, 2013, 15, 10402.	1.3	31
84	The gradient distribution of Ni ions in cation-disordered $\text{Li}[\text{Ni}_{1/2}\text{Mn}_{3/2}]\text{O}_4$ clarified by muon-spin rotation and relaxation (μ SR). RSC Advances, 2013, 3, 11634.	1.7	16
85	Magnetic structure of the metallic triangular antiferromagnet Ag_2NiO_2 . Journal of Physics Condensed Matter, 2013, 25, 286005.	0.7	7
86	1D to 2D Diffusion Inherently Linked to Structural Transitions in $\text{Na}_{1-x}\text{CoO}_2$ Physical Review Letters, 2013, 110, 266401.	2.9	59
87	MnO_{2-x} probed by μ SR. Physical Review Letters, 2013, 110, 266401.	1.1	37
88	$\text{In}\text{-}\mu$ Operando Neutron Diffraction Studies of Transition Metal Hydrogen Storage Materials. Advanced Energy Materials, 2013, 3, 39-42.	10.2	7
89	Pressure dependence of magnetic transition temperature in $\text{Li}[\text{Li}_x\text{Mn}_{2-x}]\text{O}_4$ ($0 \leq x \leq 1/3$) studied by muon spin rotation and relaxation. Journal of Applied Physics, 2013, 113, 053904.	1.1	3
90	Partially disordered spin structure in Ag_2CrO_2 studied with μ SR. Physical Review Letters, 2013, 110, 266401.	1.1	8

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91	Diffusive behavior in Li $\frac{1}{4}$ SR study on ferromagnetic hollandite K $\frac{1}{4}$ SR Physics Procedia, 2012, 30, 117-120.	1.1	25
92	Magnetic Order and Transitions in the Spin-web Compound Cu $\frac{1}{2}$ TeO $\frac{1}{2}$. Physics Procedia, 2012, 30, 142-145.	1.1	51
93	Microscopic Magnetic Nature of the Quasi-one-Dimensional Antiferromagnet BaCo $\frac{1}{2}$ V $\frac{1}{2}$ O $\frac{1}{2}$ O $\frac{1}{2}$. Physics Procedia, 2012, 30, 146-150.	1.2	8
94	The Magnetic Phase of Lithium Transition Metal Phosphates LiMPO $\frac{1}{4}$ (M=Mn, Co, Ni) Detected by $\frac{1}{4}$ +SR. Physics Procedia, 2012, 30, 160-163.	1.2	11
95	Spin State Transitions in RECoO $\frac{1}{2}$ Investigated by $\frac{1}{4}$ +SR. Physics Procedia, 2012, 30, 182-185.	1.2	0
96	Ferromagnetic Hollandite K $\frac{1}{2}$ Cr $\frac{1}{2}$ O $\frac{1}{2}$ O $\frac{1}{2}$. Physics Procedia, 2012, 30, 186-189.	1.2	3
97	Magnetic and Diffusive Nature of LiFePO $\frac{1}{4}$. Physics Procedia, 2012, 30, 190-193.	1.2	4
98	Critical Slowing Down in Zn-Mg-Ho Quasicrystal. Physics Procedia, 2012, 30, 194-197.	1.2	1
99	Magnetic Order and Frustrated Dynamics in Li (Ni $\frac{1}{2}$ Co $\frac{1}{2}$ Mn $\frac{1}{2}$ O $\frac{1}{2}$)O $\frac{1}{2}$: A Study by $\frac{1}{4}$ +SR and SQUID Magnetometry. Physics Procedia, 2012, 30, 202-205.	1.2	3
100	Successive Magnetic Transitions in RECoAsO. Physics Procedia, 2012, 30, 262-265.	1.2	0
101	Magnetic Nature of Water Intercalated Na $\frac{1}{2}$ CoO $\frac{1}{2}$. Physics Procedia, 2012, 30, 266-270.	1.2	1
102	Scaling of superionic transition temperature in M $\frac{1}{3}$ D(XO $\frac{1}{2}$) $\frac{2}{3}$. Solid State Ionics, 2012, 225, 40-42.	1.3	3
103	Frustration and magnetism of the zigzag chain compounds Eu $\frac{1}{2}$ Li $\frac{1}{2}$ O $\frac{1}{2}$ O $\frac{1}{2}$. Physics Procedia, 2012, 30, 202-205.	1.1	13
104	Magnetic and diffusive nature of LiFePO $\frac{1}{4}$ investigated by muon spin rotation and relaxation. Physical Review B, 2011, 84, .	1.1	65
105	Magnetic properties of the chemically delithiated Li $\frac{1}{2}$ Mn $\frac{1}{2}$ O $\frac{1}{2}$ with 0.07% δ . Journal of Solid State Chemistry, 2011, 184, 1096-1104.	1.4	22

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109	Interrelationship between Li+diffusion, charge, and magnetism inLi7Mn2O4andLi71.1Mn1.9O4spinels: Elastic, inelastic, and quasielastic neutron scattering. Physical Review B, 2011, 83, .	1.1	18
110	Successive magnetic transitions and static magnetic order inRCoAsO (R=La, Ce, Pr, Nd, Sm, Gd) confirmed by muon-spin rotation and relaxation. Physical Review B, 2011, 84, .	1.1	12
111	Electrochemical Properties of Hexa-peri-hexabenzocoronene in Nonaqueous Lithium Cell. Electrochemical and Solid-State Letters, 2011, 14, A52.	2.2	6
112	μ SR study on triangular antiferromagnet LiCrO2. Journal of Physics: Conference Series, 2010, 225, 012016.	0.3	2
113	Microscopic indicator for thermodynamic stability of hydrogen storage materials provided by muon-spin spectroscopy. Journal of Physics: Conference Series, 2010, 225, 012051.	0.3	1
114	Comparative μ SR study of the zigzag chain compounds NaMn ₂ O ₄ & LiMn ₂ O ₄ . Journal of Physics: Conference Series, 2010, 225, 012017.	0.3	6
115	Muon-spin Spectroscopy for Materials Science. Materia Japan, 2010, 49, 515-520.	0.1	0
116	Microscopic magnetic nature of water absorbed Na0.35CoO2 investigated by NMR, NQR and μ SR. Physica C: Superconductivity and Its Applications, 2010, 470, S755-S757.	0.6	4
117	Structural, magnetic, and electrochemical studies on lithium insertion materials LiNi _{1-x} CoxO2 with 0 ≤ x ≤ 0.25. Journal of Solid State Chemistry, 2010, 183, 1726-1732.	1.4	18
118	Muon spin relaxation study of misfit-layered cobalt dioxide. Solid State Communications, 2010, 150, 307-310.	0.9	8
119	DC-magnetization measurements on electrochemically delithiated. Solid State Communications, 2010, 150, 906-909.	0.9	6
120	An Indicator to Identify the Li[Ni _{1/2} Mn _{3/2}]]O ₄ (P4 ₃ 2): DC-Susceptibility Measurements. Journal of the Electrochemical Society, 2010, 157, A672.	1.3	24
121	Low-temperature magnetic properties and high-temperature diffusive behavior of LiNiO ₂ . Physical Review B, 2010, 82, .	1.1	60
122	Incommensurate spin-density-wave order in quasi-one-dimensional metallic antiferromagnet NaV ₂ O ₆ . Physical Review B, 2010, 81, .	1.1	27
123	Magnetic phase of the perovskite CaCrO ₃ with μ SR. Physical Review B, 2010, 81, .	1.1	9
124	Magnetic structure of the zigzag chain family Na _x Ca _{1-x} V ₂ O ₄ determined by muon-spin rotation. Physical Review B, 2010, 82, .	1.1	25
125	Phase separation in the CoO ₂ observed in thermoelectric layered cobalt dioxides. Physical Review B, 2010, 81, .	1.1	7
126	Short-range spin correlations in bulk magnetization, neutron diffraction, and μ SR experiments. Physical Review B, 2010, 81, .	1.1	9

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127	Microscopic indicator for thermodynamic stability of hydrogen storage materials provided by positive muon-spin rotation. <i>Physical Review B</i> , 2010, 81, .	1.1	13
128	Magnetic and superconducting nature of $\text{Na}_{0.35}\text{MnO}_2$. <i>Physical Review B</i> , 2010, 82, .	1.1	13
129	Microscopic Magnetic Study on the Nominal Composition $\text{Li}_{1/3}\text{Mn}_{5/3}\text{O}_4$ by Muon-Spin Rotation/Relaxation Measurements. <i>Journal of Physical Chemistry C</i> , 2010, 114, 11320-11327.	1.5	20
130	Structural and Magnetic Nature for Fully Delithiated Li_xNiO_2 : Comparative Study between Chemically and Electrochemically Prepared Samples. <i>Journal of Physical Chemistry C</i> , 2010, 114, 8626-8632.	1.5	9
131	A novel tool for detecting Li diffusion in solids containing magnetic ions; $^{1/4}\text{S}$ R study on Li_xCoO_2 . <i>Journal of Physics: Conference Series</i> , 2010, 225, 012052.	0.3	1
132	Long Range Proton Diffusive Motion of CsHSO_4 and CsHSeO_4 : High Energy Resolution Quasielastic Neutron Scattering of Superprotonic Conductors. <i>Journal of the Physical Society of Japan</i> , 2010, 79, 7-11.	0.7	7
133	Li Diffusion in Li_xCoO_2 by Muon-Spin Spectroscopy. <i>Physical Review Letters</i> , 2009, 103, 147601.	0.9	29
134	Muon spin rotation and relaxation study of $\text{Ba}_{2-x}\text{Mn}_2\text{O}_7$. <i>Physical Review B</i> , 2009, 80, .	1.1	11
135	Comparative Muon-Spin Rotation and Relaxation Study on the Zigzag Chain Compounds NaMn_2O_4 and $\text{Li}_{0.92}\text{Mn}_2\text{O}_4$. <i>Journal of the Physical Society of Japan</i> , 2009, 78, 084715.	0.7	11
136	Interrelationship between superprotonic conductivity and strain in CsHXO_4 . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009, 373, 3470-3472.	0.9	3
137	Microscopic magnetic nature of layered cobalt dioxides investigated by muon-spin rotation and relaxation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 600, 305-308.	0.7	0
138	Study of hydrogen diffusion in superprotonic ionic conductors, MHXO_4 , by $^{1/4}\text{SR}$ and QENS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 600, 316-318.	0.7	2
139	Static magnetic order on the triangular lattice in with. <i>Physica B: Condensed Matter</i> , 2009, 404, 663-666.	1.3	1
140	Magnetic phase diagram of () spinel. <i>Physica B: Condensed Matter</i> , 2009, 404, 656-659.	1.3	4
141	Paramagnetic nature of the layered cobalt dioxide with a double rocksalt-type layer. <i>Physica B: Condensed Matter</i> , 2009, 404, 607-610.	1.3	2
142	study on. <i>Physica B: Condensed Matter</i> , 2009, 404, 645-648.	1.3	10
143	Muon dynamics in superprotonic conductors. <i>Physica B: Condensed Matter</i> , 2009, 404, 798-800.	1.3	0
144	Complex magnetic phases in with. <i>Physica B: Condensed Matter</i> , 2009, 404, 789-792.	1.3	3

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163	Spatial inhomogeneity of magnetic moments in the cobalt oxide spinel Co_3O_4 . Physical Review B, 2007, 75, .	1.1	77
164	Microscopic magnetic and structural nature of spinel $\text{Li}[\text{Li}_x\text{Mn}_{2-2x}]\text{O}_4$. Physical Review B, 2007, 75, .	1.1	24
165	Magnetic Phase Diagram of Layered Cobalt Dioxide $\text{Li}_{1-x}\text{Co}_2\text{O}_7$. Physical Review Letters, 2007, 99, 087601.	1.1	66
166	Magnetic nature of K_xCoO_2 near the antiferromagnetic phase with $x=0.5$: Positive muon spin rotation and relaxation. Physical Review B, 2007, 76, .	1.1	22
167	Neutron diffraction and ^1H NMR study on the antiferromagnet BaCoO_3 . Physical Review B, 2007, 76, .	1.1	26
168	Microscopic magnetism in lithium insertion materials of $\text{LiNi}_{1-x}\text{Co}_x\text{O}_2$ ($x=0, 1/4, 1/2, 3/4, \text{ and } 1$). Journal of Power Sources, 2007, 174, 843-846.	4.0	15
169	Two dimensionality in quasi-one-dimensional cobalt oxides confirmed by muon-spin spectroscopy. Journal of Magnetism and Magnetic Materials, 2007, 310, 2719-2721.	1.0	4
170	Magnetic properties of one-dimensional compounds (Sr, Ba). Journal of Magnetism and Magnetic Materials, 2007, 310, e438-e440.	1.0	10
171	Antiferromagnetic spin structure in below 15K determined by neutron and. Journal of Physics and Chemistry of Solids, 2007, 68, 2162-2165.	1.9	2
172	Magnetism and lithium diffusion in Li_xCoO_2 by a muon-spin rotation and relaxation (^1H +SR) technique. Journal of Power Sources, 2007, 174, 711-715.	4.0	10
173	Evidence of Two Dimensionality in Quasi-One-Dimensional Cobalt Oxides. Physical Review Letters, 2006, 96, 197206.	2.9	46
174	Incommensurate spin density wave state in layered cobaltites. Physica B: Condensed Matter, 2006, 374-375, 282-285.	1.3	1
175	Two dimensionality in quasi-one-dimensional cobalt oxides. Physica B: Condensed Matter, 2006, 374-375, 286-289.	1.3	1
176	Spin state transition in Ca-doped $\text{Na}_{0.7}\text{CoO}_2$ with the nominal Co valence below 3.16. Solid State Communications, 2006, 137, 36-40.	0.9	3
177	Frustrated magnetism in the two-dimensional triangular lattice of. Physica B: Condensed Matter, 2006, 374-375, 148-151.	1.3	6
178	Static Magnetic Order in Metallic $\text{K}_{0.49}\text{CoO}_2$. Physical Review Letters, 2006, 96, 037206.	2.9	22
179	Incommensurate magnetic order in Ag_2NiO_2 studied with muon-spin-rotation and relaxation spectroscopy. Physical Review B, 2006, 73, .	1.1	38
180	Electron correlation in the two-dimensional triangular lattice of with. Physica B: Condensed Matter, 2005, 359-361, 1345-1347.	1.3	0

#	ARTICLE	IF	CITATIONS
181	Platelet crystals of thermoelectric layered cobaltites; pure and Sr-doped. Journal of Crystal Growth, 2005, 276, 519-524.	0.7	17
182	The effect of pressure on the spin density wave transition in the layered cobaltites [Ca ₂ CoO ₃] _{0.62} [CoO ₂] and [Ca ₂ Co _{4/3} Cu _{2/3} O ₄] _{0.62} [CoO ₂]. Solid State Communications, 2005, 135, 263-267.	0.9	1
183	Appearance of a two-dimensional antiferromagnetic order in quasi-one-dimensional cobalt oxides. Physical Review B, 2005, 72, .	1.1	52
184	Frustrated magnetism in the two-dimensional triangular lattice of Li _x CoO ₂ . Physical Review B, 2005, 72, .	1.1	65
185	Enhancement of Electrical Conductivity in Thermoelectric [Ca ₂ CoO ₃] _{0.62} [CoO ₂] Ceramics by Texture Improvement. Japanese Journal of Applied Physics, 2004, 43, 5134-5139.	0.8	29
186	Chemical pressure effect on magnetic properties in electron-doped perovskite manganites (Gd _{0.08} Ca _y Sr _{0.92-$\frac{y}{3}$})MnO ₃ (0 < y < 1): Percolation transition of ferromagnetic clusters. Physical Review B, 2004, 70, .	1.1	20
187	Dome-Shaped Magnetic Phase Diagram of Thermoelectric Layered Cobaltites. Physical Review Letters, 2004, 92, 017602.	2.9	106
188	Electron correlation in the two-dimensional triangle lattice of Na _x CoO ₂ . Physical Review B, 2004, 69, .	1.1	44
189	Fabrication of textured thermoelectric layered cobaltites with various rock salt-type layers by using β -Co(OH) ₂ platelets as reactive templates. Journal of Materials Chemistry, 2004, 14, 61-66.	6.7	108
190	^{59}Co SR studies on layered cobalt oxides. Physica B: Condensed Matter, 2003, 326, 518-521.	1.3	9
191	^{59}Co SR studies on thermoelectric oxides. Physica B: Condensed Matter, 2003, 329-333, 902-903.	1.3	1
192	Topotactic synthesis of highly-textured thermoelectric cobaltites. Journal of Materials Chemistry, 2003, 13, 1865.	6.7	65
193	Anisotropic magnetic properties of Ca ₃ Co ₄ O ₉ : Evidence for a spin-density-wave transition at 27 K. Physical Review B, 2003, 67, .	1.1	90
194	Hidden magnetic transitions in the thermoelectric layered cobaltite [Ca ₂ CoO ₃] _{0.62} [CoO ₂]. Physical Review B, 2003, 68, .	1.1	111
195	Static magnetic order in Na _{0.75} CoO ₂ detected by muon spin rotation and relaxation. Physical Review B, 2003, 67, .	1.1	108
196	A common behaviour of thermoelectric layered cobaltites: incommensurate spin density wave states in [Ca ₂ Co _{4/3} Cu _{2/3} O ₄] _{0.62} [CoO ₂] and [Ca ₂ CoO ₃] _{0.62} [CoO ₂]. Journal of Physics Condensed Matter, 2003, 15, 8619-8630.	0.7	16
197	Highly Textured Na _x CoO ₂ - Δ . Ceramics Fabricated by Both Templated Grain Growth and Reactive Templated Grain Growth Methods Using Single-Crystalline Particles as Templates. Journal of the Ceramic Society of Japan, 2003, 111, 227-231.	1.3	14
198	Electronic structure of misfit-layered calcium cobaltite. Physical Review B, 2002, 66, .	1.1	110

#	ARTICLE	IF	CITATIONS
199	Magnetism of layered cobalt oxides investigated by muon spin rotation and relaxation. <i>Physical Review B</i> , 2002, 66, .	1.1	116
200	A new variety of LiMnO ₂ : high-pressure synthesis and magnetic properties of tetragonal and cubic phases of Li _x Mn _{1-x} O (x ^{1/4} 0.5). <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2001, 84, 224-232.	1.7	9
201	Neutron Scattering Study of the Charge Ordering and the Spin Ordering of the Magnetically Frustrated Spinel Antiferromagnet. <i>Journal of the Physical Society of Japan</i> , 1999, 68, 242-246.	0.7	30
202	Antiferromagnetic transition of spinel LiMn ₂ O ₄ detected by a ⁷ Li-NMR technique. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1998, 54, 73-78.	1.7	10
203	The effect of oxygen deficiency on the structural phase transition and electronic and magnetic properties of the spinel. <i>Journal of Physics Condensed Matter</i> , 1997, 9, 1729-1741.	0.7	45
204	⁷ Li-NMR Study on Spinel LiMn ₂ O ₄ : the Evidence of an Antiferromagnetic Transition at ^{1/4} 40 K. <i>Journal of the Physical Society of Japan</i> , 1997, 66, 1187-1194.	0.7	32
205	A ⁷ Li nuclear magnetic resonance study on spinel LiMn ₂ O ₄ . <i>Journal of Power Sources</i> , 1997, 68, 637-640.	4.0	5
206	Nonstoichiometry and defect structure of spinel LiMn ₂ O ₄ . <i>Journal of Power Sources</i> , 1997, 68, 641-645.	4.0	43
207	Oxygen nonstoichiometry of spinel LiMn ₂ O ₄ . <i>Journal of Alloys and Compounds</i> , 1996, 235, 163-169.	2.8	45
208	Electrical and magnetic properties of (Ca _{1-x} A _x) ₂ MnO ₄ (A=La and Na). <i>Physical Review B</i> , 1996, 53, 14470-14474.	1.1	11
209	Elastic properties of superconducting Pb _{(1+x)/2} Cu _{(1-x)/2} (Sr _{1-y} Ca _y) ₂ (Y _{1-x} Cax)Cu ₂ O ₇ . <i>Physica C: Superconductivity and Its Applications</i> , 1995, 242, 63-67.	0.6	3
210	Elastic anomalies in Sr _{0.9} NbO ₃ detected by a vibrating reed technique. <i>Solid State Communications</i> , 1995, 95, 181-184.	0.9	2
211	Elastic/anelastic behaviour during the phase transition in spinel LiMn ₂ O ₄ . <i>Journal of Physics Condensed Matter</i> , 1995, 7, 9755-9764.	0.7	40
212	Photoelectron spectroscopic study of Sr _x NbO ₃ . <i>Physical Review B</i> , 1994, 49, 3534-3538.	1.1	30
213	Synthesis and electrical conductivity of spinel compounds in the Mg[Ti ₂]O ₄ -Mg[MgTi]O ₄ system. <i>Physical Review B</i> , 1994, 49, 1462-1465.	1.1	8
214	Analysis of O1s core-level of p- and n-type high-T _c copper oxides: Evidence for a different nature of carrier doping. <i>Journal of Physics and Chemistry of Solids</i> , 1993, 54, 1199-1202.	1.9	1
215	An NMR study of superconducting Nd ₂ CuO ₃ . <i>Physica C: Superconductivity and Its Applications</i> , 1993, 214, 316-322.	0.6	8
216	Effects of Ca and Eu substitution for Sr in Sr _x NbO ₃ . <i>Physical Review B</i> , 1993, 48, 7618-7623.	1.1	8

#	ARTICLE	IF	CITATIONS
217	Hall effect and magnetoresistance in Sr_xNbO_3 ($x=0.80, 0.85, \text{ and } 0.90$). <i>Physical Review B</i> , 1993, 47, 11426-11430.	1.1	13
218	Synthesis and transport properties of Sr_xNbO_3 ($0.75 \leq x \leq 0.90$). <i>Physical Review B</i> , 1993, 47, 2849-2853.	1.1	58
219	Synthesis and Characterization of Sr_xNbO_3 ($x \approx 0.5$) of a Perovskite Related Structure. <i>Japanese Journal of Applied Physics</i> , 1993, 32, 681.	0.8	0
220	Photoelectron-spectroscopy study of superconductive $\text{Nd}_2\text{CuO}_4-x\text{F}_x$. <i>Physical Review B</i> , 1992, 45, 4952-4956.	1.1	12
221	Hall and thermoelectric-power coefficients of superconducting $\text{Nd}_2\text{CuO}_4-x\text{F}_x$. <i>Physical Review B</i> , 1992, 45, 9951-9957.	1.1	12
222	Magnetic properties of Bi-based layered cobalt oxides, $\text{Bi}_2\text{Ca}_3-x\text{La}_x\text{Co}_2\text{O}_x$. <i>Physica C: Superconductivity and Its Applications</i> , 1992, 203, 144-148.	0.6	1
223	Effect of transition metal doping on magnetism and superconductivity in $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{Cu}_{0.99}\text{M}_{0.01}\text{O}_4$		

#	ARTICLE	IF	CITATIONS
235	Evidence of Incommensurate-Ferroelastic (Commensurate) Phase Transition in $\{N(CH_3)_4\}_2CuCl_4$ Crystal. Journal of the Physical Society of Japan, 1980, 48, 1773-1774.	0.7	58
236	Measurements of Engine Torque with the Intra-Bearing Torque Sensor. , 0, , .		9
237	Electronic structure of misfit-layered calcium cobaltite. , 0, , .		0
238	Synthesis of textured thermoelectric layered cobaltites by reactive templated grain growth. , 0, , .		2
239	A common behavior of thermoelectric layered cobaltites: an incommensurate spin density wave state. , 0, , .		1
240	Highly textured $Na_{x/2}CoO_{2-\delta}$ ceramics fabricated by tape casting. , 0, , .		0
241	Co-existence of short- and long-range magnetic order in $LaCo_2P_2$. Physica Scripta, 0, , .	1.2	2