

Jun Sugiyama

List of Publications by Year in descending order

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times ranked

3169
citing authors

#	ARTICLE	IF	CITATIONS
1	Li Diffusion in Li_xCoO_2 by Muon-Spin Spectroscopy. Physical Review Letters, 2009, 103, 147601.	3.2	129
2	Magnetism of layered cobalt oxides investigated by muon spin rotation and relaxation. Physical Review B, 2002, 66, .	3.2	116
3	Hidden magnetic transitions in the thermoelectric layered cobaltite $[\text{Ca}_2\text{CoO}_3]_{0.62}[\text{CoO}_2]$. Physical Review B, 2003, 68, .	3.2	111
4	Electronic structure of misfit-layered calcium cobaltite. Physical Review B, 2002, 66, .	3.2	110
5	Static magnetic order in $\text{Na}_{0.75}\text{CoO}_2$ detected by muon spin rotation and relaxation. Physical Review B, 2003, 67, .	3.2	108
6	Fabrication of textured thermoelectric layered cobaltites with various rock salt-type layers by using $\text{I}_2\text{-Co(OH)}_2$ platelets as reactive templates. Journal of Materials Chemistry, 2004, 14, 61-66.	6.7	108
7	Dome-Shaped Magnetic Phase Diagram of Thermoelectric Layered Cobaltites. Physical Review Letters, 2004, 92, 017602.	7.8	106
8	Anisotropic magnetic properties of $\text{Ca}_3\text{Co}_4\text{O}_9$: Evidence for a spin-density-wave transition at 27 K. Physical Review B, 2003, 67, .	3.2	90
9	Spatial inhomogeneity of magnetic moments in the cobalt oxide spinel Co_3O_4 . Physical Review B, 2007, 75, .	3.2	77
10	Successive Phase Transitions in $\{\text{N}(\text{CH}_3)_4\}_2\text{CuCl}_4$. Journal of the Physical Society of Japan, 1980, 49, 1405-1412.	1.6	70
11	Muon-spin relaxation study on Li- and Na-diffusion in solids. Physica Scripta, 2013, 88, 068509.	2.5	69
12	Magnetic Phase Diagram of Layered Cobalt Dioxide Li_xCoO_2 . Physical Review Letters, 2007, 99, 087601.	7.8	66
13	Topotactic synthesis of highly-textured thermoelectric cobaltites. Journal of Materials Chemistry, 2003, 13, 1865.	6.7	65
14	Frustrated magnetism in the two-dimensional triangular lattice of Li_xCoO_2 . Physical Review B, 2005, 72, .	3.2	65
15	Magnetic and diffusive nature of LiFePO_4 investigated by muon spin rotation and relaxation. Physical Review B, 2011, 84, .	3.2	65
16	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.	8.0	61
17	Low-temperature magnetic properties and high-temperature diffusive behavior of LiNiO_2 from 1D to 2D. Physical Review B, 2010, 82, 040407.	3.2	60
18	Diffusion Inherently Linked to Structural Transitions in Na_xCoO_2 . Physical Review Letters, 2013, 110, 266401.	7.8	59

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19	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.	1.6	58
20	Synthesis and transport properties of $Sr_xNbO_3(0.75 \leq x \leq 0.90)$. Physical Review B, 1993, 47, 2849-2853.	3.2	58
21	Li-ion diffusion in $Li_{1-x}Mn_2O_4$. Physical Review B, 2015, 92, .	3.2	55
22	Appearance of a two-dimensional antiferromagnetic order in quasi-one-dimensional cobalt oxides. Physical Review B, 2005, 72, .	3.2	52
23	Diffusive behavior in $LiMn_2O_4$. Physical Review B, 2006, 73, .	3.2	51
24	Evidence of Two Dimensionality in Quasi-One-Dimensional Cobalt Oxides. Physical Review Letters, 2006, 96, 197206.	7.8	46
25	Oxygen nonstoichiometry of spinel $LiMn_2O_4$. Journal of Alloys and Compounds, 1996, 235, 163-169.	5.5	45
26	The effect of oxygen deficiency on the structural phase transition and electronic and magnetic properties of the spinel. Journal of Physics Condensed Matter, 1997, 9, 1729-1741.	1.8	45
27	Electron correlation in the two-dimensional triangle lattice of $NaxCoO_2$. Physical Review B, 2004, 69, .	3.2	44
28	Nonstoichiometry and defect structure of spinel $LiMn_2O_4$. Journal of Power Sources, 1997, 68, 641-645.	7.8	43
29	Li-ion diffusion in Li intercalated graphite $C_{60}Li$ and $C_{120}Li$ probed by $^{1/4}SR$. Physical Chemistry Chemical Physics, 2017, 19, 19058-19066.	2.8	43
30	Elastic/anelastic behaviour during the phase transition in spinel $LiMn_2O_4$. Journal of Physics Condensed Matter, 1995, 7, 9755-9764.	1.8	40
31	Incommensurate magnetic order in Ag_2NiO_2 studied with muon-spin-rotation and relaxation spectroscopy. Physical Review B, 2006, 73, .	3.2	38
32	Antiferromagnetic spin structure and lithium ion diffusion in $LiMn_2O_4$. Physical Review B, 2006, 73, .	3.2	37
33	Complex magnetic phases of $Ca_{1-x}Na_xV_2O_4$ clarified by muon-spin spectroscopy. Physical Review B, 2008, 78, .	3.2	36
34	of local magnetic order in $LiMn_2O_4$. Physical Review B, 2009, 79, .	3.2	34
35	7Li -NMR Study on Spinel $LiMn_2O_4$: the Evidence of an Antiferromagnetic Transition at ~ 40 K. Journal of the Physical Society of Japan, 1997, 66, 1187-1194.	1.6	32
36	Reactive surface area of the $Li_x(Co_{1/3}Ni_{1/3}Mn_{1/3})O_2$ electrode determined by $^{1/4}SR$ and electrochemical measurements. Physical Chemistry Chemical Physics, 2013, 15, 10402.	2.8	31

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37	Photoelectron spectroscopic study of Sr_xNbO_3 . Physical Review B, 1994, 49, 3534-3538.	3.2	30
38	Neutron Scattering Study of the Charge Ordering and the Spin Ordering of the Magnetically Frustrated Spinel Antiferromagnet. Journal of the Physical Society of Japan, 1999, 68, 242-246.	1.6	30
39	Enhancement of Electrical Conductivity in Thermoelectric $[\text{Ca}_2\text{CoO}_3]_{0.62}[\text{CoO}_2]$ Ceramics by Texture Improvement. Japanese Journal of Applied Physics, 2004, 43, 5134-5139.	1.5	29
40	Static magnetic order in the triangular lattice of $\text{Li}_x\text{Mg}_2\text{Mg}_2\text{O}_7$. Physical Review B, 2005, 71, 014407.		

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55	Static Magnetic Order in Metallic $K_0.49CoO_2$. <i>Physical Review Letters</i> , 2006, 96, 037206.	7.8	22
56	Magnetic nature of K_xCoO_2 near the antiferromagnetic phase with $x=0.5$: Positive muon spin rotation and relaxation. <i>Physical Review B</i> , 2007, 76, .	3.2	22
57	Muon-spin rotation and relaxation study on the quasi-one-dimensional compounds Ca_3CoRhO_6 , $Sr_4CoRh_2O_9$, and $Sr_5CoRh_3O_{12}$. <i>Physical Review B</i> , 2008, 77, .	3.2	22
58	Magnetic properties of the chemically delithiated $Li_xMn_2O_4$ with $0.07 \leq x \leq 1$. <i>Journal of Solid State Chemistry</i> , 2011, 184, 1096-1104.	2.9	22
59	Nuclear Magnetic Field in Solids Detected with Negative-Muon Spin Rotation and Relaxation. <i>Physical Review Letters</i> , 2018, 121, 087202.	7.8	22
60	Ion Diffusion in Solids Probed by Muon-Spin Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2013, 82, SA023.	1.6	21
61	Thermally activated spin fluctuations in stoichiometric $LiCoO_2$ clarified by electron paramagnetic resonance and muon-spin rotation and relaxation measurements. <i>Physical Review B</i> , 2014, 89, .	3.2	21
62	Magnetism and ion diffusion in honeycomb layered oxide $K_2Ni_2TeO_6$. <i>Scientific Reports</i> , 2020, 10, 18305.	3.3	21
63	Chemical pressure effect on magnetic properties in electron-doped perovskite manganites $(Gd_{0.08}Ca_{y}Sr_{0.92-x}MnO_3)$ ($0 < y < 1$): Percolation transition of ferromagnetic clusters. <i>Physical Review B</i> , 2004, 70, .	3.2	20
64	Microscopic Magnetic Study on the Nominal Composition $Li_{1/3}Mn_{5/3}O_4$ by Muon-Spin Rotation/Relaxation Measurements. <i>Journal of Physical Chemistry C</i> , 2010, 114, 11320-11327.	3.1	20
65	Structural, magnetic, and electrochemical studies on lithium insertion materials $LiNi_{1-x}Co_xO_2$ with $0 \leq x \leq 0.25$. <i>Journal of Solid State Chemistry</i> , 2010, 183, 1726-1732.	3.2	19
66	Interrelationship between Li ⁺ diffusion, charge, and magnetism in $Li_7Mn_2O_4$ and $Li_{7.1}Mn_{1.9}O_4$ spinels: Elastic, inelastic, and quasielastic neutron scattering. <i>Physical Review B</i> , 2011, 83, .	3.2	18
67	TEM observation and Hall measurements on superconductive $Nd_2CuO_4-xF_x$. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 179, 131-137.	1.2	17
68	Platelet crystals of thermoelectric layered cobaltites; pure and Sr-doped. <i>Journal of Crystal Growth</i> , 2005, 276, 519-524.	1.5	17
69	Magnetic Order and Transitions in the Spin-web Compound Cu_3TeO_6 . <i>Physics Procedia</i> , 2012, 30, 142-145.	1.2	17
70	A common behaviour of thermoelectric layered cobaltites: incommensurate spin density wave states in $[Ca_2Co_4/3Cu_2/3O_4]_{0.62}[CoO_2]$ and $[Ca_2CoO_3]_{0.62}[CoO_2]$. <i>Journal of Physics Condensed Matter</i> , 2003, 15, 8619-8630.	1.8	16
71	The gradient distribution of Ni ions in cation-disordered $Li[Ni_{1/2}Mn_{3/2}]O_4$ clarified by muon-spin rotation and relaxation ($1/4SR$). <i>RSC Advances</i> , 2013, 3, 11634.	3.6	16
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73	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.	7.8	15
74	Proton Conductivity under Dry Conditions for Mesoporous Silica with Highly Dense Sulfonic Acid Groups. Journal of Physical Chemistry C, 2013, 117, 8727-8736.	3.1	15
75	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.	3.3	15
76	Lithium diffusion in LiMnPO_4 . Physical Review B, 2010, 82, .	3.6	15
77	Highly Textured $\text{Na}_x\text{CoO}_2 \cdot \text{dH}_2\text{O}$ 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
78	Hall effect and magnetoresistance in Sr_xNbO_3 ($x=0.80, 0.85, \text{ and } 0.90$). Physical Review B, 1993, 47, 11426-11430.	3.2	13
79	Microscopic indicator for thermodynamic stability of hydrogen storage materials provided by positive muon-spin rotation. Physical Review B, 2010, 81, .	3.2	13
80	Magnetic and superconducting nature of $\text{Na}_{0.35}\text{MnO}_2$. Physical Review B, 2010, 82, .	3.2	13
81	Static magnetic order on the metallic triangular lattice in LiMn_2O_4 . Physical Review B, 2016, 94, .	3.2	13
82	Na-ion dynamics in Quasi-1D compound NaV_2O_4 . Journal of Physics: Conference Series, 2014, 551, 012035.	0.4	13
83	Lithium Diffusion & Magnetism in Battery Cathode Material $\text{Li}_{x/3}\text{Ni}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3}\text{O}_2$. Journal of Physics: Conference Series, 2014, 551, 012037.	0.4	13
84	Static magnetic order on the metallic triangular lattice in CrSe_2 . Physical Review B, 2016, 94, .	3.2	13
85	Annihilation of superconductivity by Co substitution for Cu in $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$. Physical Review B, 1990, 42, 8039-8043.	3.2	12
86	Photoelectron-spectroscopy study of superconductive $\text{Nd}_2\text{CuO}_4-x\text{F}_x$. Physical Review B, 1992, 45, 4952-4956.	3.2	12
87	Hall and thermoelectric-power coefficients of superconducting $\text{Nd}_2\text{CuO}_4-x\text{F}_x$. Physical Review B, 1992, 45, 9951-9957.	3.2	12
88	High pressure study on cobalt oxide spinel. Physica B: Condensed Matter, 2009, 404, 652-655.	2.7	12
89	Successive magnetic transitions and static magnetic order in RCoAsO ($R=\text{La, Ce, Pr, Nd, Sm, Gd}$) confirmed by muon-spin rotation and relaxation. Physical Review B, 2011, 84, .	3.2	12
90	Variation of magnetic ground state of $\text{Sr}_2\text{Mn}_2\text{O}_7$ determined with μSR . Physical Review B, 2015, 91, .	3.2	12

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91	Electrical and magnetic properties of $(\text{Ca}_{1-x}\text{A}_x)\text{Mn}_2\text{O}_4$ (A=La and Na). Physical Review B, 1996, 53, 14470-14474.	3.2	11
92	Muon spin rotation and relaxation study of BaMn_2O_7 . Physical Review B, 2009, 80, .	3.2	11
93	Comparative Muon-Spin Rotation and Relaxation Study on the Zigzag Chain Compounds NaMn_2O_4 and $\text{Li}_0.92\text{Mn}_2\text{O}_4$. Journal of the Physical Society of Japan, 2009, 78, 084715.	1.6	11
94	X-ray diffraction study on Li_xCoO_2 below ambient temperature. Journal of Power Sources, 2009, 192, 684-688.	7.8	11
95	The Magnetic Phase of Lithium Transition Metal Phosphates LiMPO_4 (M=Mn, Co, Ni) Detected by $\hat{I}^{1/4}$ +SR. Physics Procedia, 2012, 30, 160-163.	1.2	11
96	Microscopic magnetic nature of K_2NiF_4 -type $3d^1$ transition metal oxides. Journal of Physics: Conference Series, 2014, 551, 012011.	0.4	11
97	Lithium diffusive behavior in Li_2MnO_3 detected by muon-spin relaxation. Solid State Ionics, 2014, 262, 901-903.	2.7	11
98	Antiferromagnetic transition of spinel LiMn_2O_4 detected by a ^7Li -NMR technique. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1998, 54, 73-78.	3.5	10
99	Magnetic properties of one-dimensional compounds (Sr , Ba ;). Journal of Magnetism and Magnetic Materials, 2007, 310, e438-e440.	2.3	10
100	Magnetism and lithium diffusion in Li_xCoO_2 by a muon-spin rotation and relaxation ($\hat{I}^{1/4}$ +SR) technique. Journal of Power Sources, 2007, 174, 711-715.	7.8	10
101	Static magnetic order in metallic triangular antiferromagnet $\text{Ag}_2\text{Mn}_2\text{O}_7$ by muon-spin spectroscopy. Physical Review B, 2008, 78, .	3.2	10
102	study on. Physica B: Condensed Matter, 2009, 404, 645-648.	2.7	10
103	Measurements of Engine Torque with the Intra-Bearing Torque Sensor. , 0, , .		9
104	A new variety of LiMnO_2 : high-pressure synthesis and magnetic properties of tetragonal and cubic phases of $\text{LiMn}_{1-x}\text{O}$ ($x \approx 0.5$). Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2001, 84, 224-232.	3.5	9
105	$\hat{I}^{1/4}$ SR studies on layered cobalt oxides. Physica B: Condensed Matter, 2003, 326, 518-521.	2.7	9
106	Neutron diffraction study of layered Ni dioxides: Ag_2NiO_2 . Journal of Physics Condensed Matter, 2008, 20, 104236.	1.8	9
107	Magnetic phase of the perovskite CaCrO_3 with short-range spin correlations in SR .	3.2	9
108	Short-range spin correlations in bulk magnetization, neutron diffraction, and $\hat{I}^{1/4}$ SR experiments. Physical Review B, 2010, 81, .	3.2	9

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109	Structural and Magnetic Nature for Fully Delithiated $\text{Li}_{1-x}\text{NiO}_2$: Comparative Study between Chemically and Electrochemically Prepared Samples. <i>Journal of Physical Chemistry C</i> , 2010, 114, 8626-8632.	3.1	9
110	A Brief Survey of \hat{I}^2 -Detected NMR of Implanted Li^8 in Organic Polymers. <i>Journal of Physics: Conference Series</i> , 2014, 551, 012039.	0.4	9
111	Study on Hydrogen Storage Materials. <i>Journal of the Physical Society of Japan</i> , 2016, 85, 091012.	1.6	9
112	Desorption reaction in MgH_2 studied with <i>in situ</i> \hat{I}^4 SR. <i>Sustainable Energy and Fuels</i> , 2019, 3, 956-964.	4.9	9
113	An NMR study of superconducting $\text{Nd}_2\text{CuO}_{3.8}\text{F}_{0.2}$. <i>Physica C: Superconductivity and Its Applications</i> , 1993, 214, 316-322.	1.2	8
114	Effects of Ca and Eu substitution for Sr in Sr_xNbO_3 . <i>Physical Review B</i> , 1993, 48, 7618-7623.	3.2	8
115	Synthesis and electrical conductivity of spinel compounds in the $\text{Mg}[\text{Ti}_2]\text{O}_4$ - $\text{Mg}[\text{MgTi}]\text{O}_4$ system. <i>Physical Review B</i> , 1994, 49, 1462-1465.	3.2	8
116	Muon spin relaxation study of misfit-layered cobalt dioxide. <i>Solid State Communications</i> , 2010, 150, 307-310.	1.9	8
117	Lithium Diffusion in Lithium-Transition-Metal Oxides Detected by \hat{I}^4 SR. <i>Physics Procedia</i> , 2012, 30, 105-108.	1.2	8
118	Partially disordered spin structure in Ag_2CrO_4 studied with \hat{I}^4 SR. <i>Journal of Physics: Conference Series</i> , 2014, 551, 012028.	3.2	8
119	Understanding composition-property relationships in Ti-Cr-V-Mo alloys for optimisation of hydrogen storage in pressurised tanks. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 16563-16572.	2.8	8
120	Magnetic order in the 2D Heavy-Fermion system CePt_2In_7 studied by \hat{I}^4 SR. <i>Journal of Physics: Conference Series</i> , 2014, 551, 012028.	0.4	8
121	Dynamics across the structural transitions at elevated temperatures in $\text{Na}_{0.7}\text{CoO}_2$. <i>EPJ Web of Conferences</i> , 2015, 83, 02008.	0.3	8
122	Magnetic phase boundary of BaVS_3 clarified with high-pressure NMR. <i>Physical Review B</i> , 2020, 101, .	3.2	8
123	Repeatable Photoinduced Insulator-to-Metal Transition in Yttrium Oxyhydride Epitaxial Thin Films. <i>Chemistry of Materials</i> , 2022, 34, 3616-3623.	6.7	8
124	Annihilation of antiferromagnetic order in by excess Li. <i>Physica B: Condensed Matter</i> , 2009, 404, 769-772.	2.7	7
125	Micro- and macroscopic magnetism in Li_xNiO_2 . <i>Journal of Power Sources</i> , 2009, 189, 665-668.	7.8	7
126	Phase separation in the CoO observed in thermoelectric layered cobalt dioxides. <i>Physical Review B</i> , 2010, 81, .	2.2	7

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127	Microscopic Magnetic Nature of the Quasi-one-Dimensional Antiferromagnet BaCo ₂ V ₂ O ₈ . Physics Procedia, 2012, 30, 146-150.	1.2	7
128	Diffusive Behavior of Li Ions in Garnet Li _{5+x} Zr ₃ Nb ₂ O ₁₂	1.6	6
129	Magnetic structure of the metallic triangular antiferromagnet Ag ₂ NiO ₂ . Journal of Physics Condensed Matter, 2013, 25, 286005.	1.8	7
130	In-Operando Neutron Diffraction Studies of Transition Metal Hydrogen Storage Materials. Advanced Energy Materials, 2013, 3, 39-42.	19.5	7
131	Variation of local magnetic environments in olivine-type compounds: $\text{Na}_x\text{P}_4\text{O}_{12}$ and Fe_xO_4 . Physical Review B, 2020, 102.	3.2	7
132	Magnetic anomalies and itinerant character of electrochemically Li-inserted $\text{Li}_{1/3}\text{Ti}_{5/3}\text{O}_4$. Physical Chemistry Chemical Physics, 2015, 17, 22652-22658.	2.8	7
133	Nuclear magnetic field in $\text{Na}_x\text{P}_{0.7}\text{O}_4$ detected with μSR . Physical Review B, 2020, 102.	3.2	7
134	Pressure dependence of ferromagnetic phase boundary in BaVSe ₃ studied with high-pressure $^{1/4}\text{SR}$. Physical Review B, 2021, 103, .	3.2	7
135	Long Range Proton Diffusive Motion of CsHSO ₄ and CsHSeO ₄ : High Energy Resolution Quasielastic Neutron Scattering of Superprotonic Conductors. Journal of the Physical Society of Japan, 2010, 79, 7-11.	1.6	7
136	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.	2.8	7
137	Na Diffusion in Hard Carbon Studied with Positive Muon Spin Rotation and Relaxation. ACS Physical Chemistry Au, 2022, 2, 98-107.	4.0	7
138	Frustrated magnetism in the two-dimensional triangular lattice of. Physica B: Condensed Matter, 2006, 374-375, 148-151.	2.7	6
139	Complex magnetic order in quasi-one-dimensional compound Ca ₃ Co ₂ O ₆ . Physica B: Condensed Matter, 2009, 404, 603-606.	2.7	6
140	Comparative Magnetic Study of Electrochemically and Chemically Delithiated $\text{Li}_x\text{Mn}_2\text{O}_4$ and Li_xNiO_2 . Chemistry Letters, 2009, 38, 944-945.	1.3	6
141	Comparative $^{1/4}\text{SR}$ study of the zigzag chain compounds NaMn_2O_4 & LiMn_2O_4 . Journal of Physics: Conference Series, 2010, 225, 012017.	0.4	6
142	DC-magnetization measurements on electrochemically delithiated. Solid State Communications, 2010, 150, 906-909.	1.9	6
143	Electrochemical Properties of Hexa-peri-hexabenzocoronene in Nonaqueous Lithium Cell. Electrochemical and Solid-State Letters, 2011, 14, A52.	2.2	6
144	Magnetism of the $\text{A}_{x-1}\text{CaCu}_3\text{O}_{12}$ -site ordered perovskites and La_xO_{12}	3.2	6

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145	Magnetic moment of rare-earth elements in B_2O_3 estimated with ^{17}O NMR. <i>Physical Review Materials</i> , 2019, 3, .	2.4	6
146	Negative Muon Spin Rotation and Relaxation Study on Battery Anode Material, Spinel $Li_4Ti_5O_{12}$. <i>Journal of Physical Chemistry C</i> , 2022, 126, 10506-10514.	3.1	6
147	A 7Li nuclear magnetic resonance study on spinel $LiMn_2O_4$. <i>Journal of Power Sources</i> , 1997, 68, 637-640.	7.8	5
148	Micro- and macroscopic magnetism on layered cobalt dioxide Li_xCoO_2 ($0.1 \leq x \leq 1$). <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 1479-1482.	4.0	5
149	Comparative ^{17}O NMR investigation of static magnetic order and anisotropy of the pure and Pb-doped $Bi_2Sr_2Co_2O_y$ layered cobalt dioxides. <i>Physical Review B</i> , 2008, 78, .	3.2	5
150	Structural, magnetic, and diffusive nature of olivine-type Na_xFePO_4 . <i>Journal of Physics: Conference Series</i> , 2014, 551, 012012.	0.4	5
151	In situ ^{17}O NMR measurements on the hydrogen desorption reaction of magnesium hydride. <i>Journal of Physics: Conference Series</i> , 2014, 551, 012036.	0.4	5
152	Magnetic Ground State of Novel Zigzag Chain Compounds, $NaCr_2O_4$ and $Ca_{1-x}Na_xCr_2O_4$, Determined with Muons and Neutrons. <i>Physics Procedia</i> , 2015, 75, 868-875.	1.2	5
153	2H -NMR measurements of molecular-scale lithium-ion dynamics in poly(ethylene oxide)-lithium-salt thin films. <i>Journal of Chemical Physics</i> , 2017, 146, 244903.	3.0	5
154	Na Diffusion in Quasi One-Dimensional Ion Conductor $NaMn_2O_4$ Observed by ^{17}O NMR. , 2018, , .		5
155	How Li diffusion in spinel $Li[Ni_{1/2}Mn_{3/2}]O_4$ is seen with ^{17}O NMR. <i>Zeitschrift Fur Physikalische Chemie</i> , 2022, 236, 799-816.	2.8	5
156	Two dimensionality in quasi-one-dimensional cobalt oxides confirmed by muon-spin spectroscopy. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 2719-2721.	2.3	4
157	Electronic and magnetic properties of novel layered cobalt dioxides A_xCoO_2 with $A = Li, Na, \text{ and } K$. <i>Journal of Materials Science: Materials in Electronics</i> , 2008, 19, 883-893.	2.2	4
158	Magnetic phase diagram of () spinel. <i>Physica B: Condensed Matter</i> , 2009, 404, 656-659.	2.7	4
159	Microscopic magnetic nature of water absorbed $Na_{0.35}CoO_2$ investigated by NMR, NQR and ^{17}O NMR. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S755-S757.	1.2	4
160	^{17}O NMR Investigation of the Hollandite Vanadate $K_2V_8O_{16}$. <i>Physics Procedia</i> , 2012, 30, 117-120.	1.2	4
161	Magnetic and Diffusive Nature of $LiFePO_4$. <i>Physics Procedia</i> , 2012, 30, 190-193.	1.2	4
162	Internal magnetic field in the zigzag-chain family $(Na,Ca)Cr_2O_4$. <i>Journal of Physics: Conference Series</i> , 2014, 551, 012013.	0.4	4

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163	Static Magnetic Order in A-site Ordered Perovskite, LaCu ₃ Cr ₄ O ₁₂ , Probed with Muon Spin Spectroscopy. <i>Physics Procedia</i> , 2015, 75, 435-442.	1.2	4
164	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). <i>Materials Research Express</i> , 2017, 4, 046505.		4
165	Intertwined magnetic sublattices in the double perovskite compound LaSrNiReO ₆ . <i>Physical Review B</i> , 2020, 102, .	3.2	4
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