Kazuki Ohishi

List of Publications by Year
in descending order

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128	2,356	304602	233338
papers	citations	22 h-index	45 g-index

128	128	128	2356
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	How Li diffusion in spinel Li[Ni_{1/2}Mn_{3/2}]O₄ is seen with Î¼^{Â±}SR. 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	Characterization of Deformation by Cold Rolling in Ferritic Steel Containing Cu Particles Using Neutron Transmission Analysis. ISIJ International, 2022, 62, 173-178.	0.6	5
4	Square and rhombic lattices of magnetic skyrmions in a centrosymmetric binary compound. Nature Communications, 2022, 13, 1472.	5.8	65
5	Magnetization process of cubic Fe3O4 submicron particles studied by polarized small-angle neutron scattering. AIP Advances, 2022, 12, .	0.6	3
6	New magnetic intermediate state, â€œB-phase,â€•in the cubic chiral magnet MnSi. APL Materials, 2022, 10, .	2.2	2
7	Negative Muon Spin Rotation and Relaxation Study on Battery Anode Material, Spinel Li₄Ti₅O₁₂. Journal of Physical Chemistry C, 2022, 126, 10506-10514.	1.5	6
8	Small Angle Neutron Scattering Study near the Critical Field at Low Temperature in MnSi. , 2021, , .		1
9	Development of spin-contrast-variation neutron powder diffractometry for extracting the structure factor of hydrogen atoms. Journal of Applied Crystallography, 2021, 54, 454-460.	1.9	4
10	Spontaneous formations of nanoconfined water in ionic liquids by small-angle neutron scattering. Journal of Molecular Liquids, 2021, , 117035.	2.3	4
11	Above-ordering-temperature large anomalous Hall effect in a triangular-lattice magnetic semiconductor. Science Advances, 2021, 7, eabl5381.	4.7	6
12	Metamagnetic transitions and magnetoelectric responses in the chiral polar helimagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ni</mml:mi><mml:mn>2</mml:mn></mml:r mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 102, .	1.1	6
13	Proximity coupling of superconducting nanograins with fractal distributions. Physical Review B, 2020, 101, .	1.1	2
14	Crystallization of magnetic skyrmions in MnSi investigated by neutron spin echo spectroscopy. Physical Review Research, 2020, 2, .	1.3	4
15	Topological transitions among skyrmion- and hedgehog-lattice states in cubic chiral magnets. Nature Communications, 2019, 10, 1059.	5.8	112
16	Skyrmion phase and competing magnetic orders on a breathing kagomÃ© lattice. Nature Communications, 2019, 10, 5831.	5.8	214
17	Multifunctional nanocarrier as a potential micro-RNA delivery vehicle for neuroblastoma treatment. Journal of the Taiwan Institute of Chemical Engineers, 2019, 96, 526-537.	2.7	16
18	Development of spin-contrast-variation neutron reflectometry for the structural analysis of multilayer films. Journal of Applied Crystallography, 2019, 52, 1054-1060.	1.9	7

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19	Neutron diffraction study of antiferromagnetic ErNi3Ga9 in magnetic fields. Physica B: Condensed Matter, 2018, 536, 392-396.	1.3	6
20	Neutron scattering studies on short- and long-range layer structures and related dynamics in imidazolium-based ionic liquids. Journal of Chemical Physics, 2018, 149, 054502.	1.2	20
21	Phase-transition kinetics of magnetic skyrmions investigated by stroboscopic small-angle neutron scattering. Physical Review B, 2018, 98, .	1.1	10
22	Uniaxial-stress Effects on Helimagnetic Orders and Skyrmion Lattice in Cu₂OSeO₃. Journal of the Physical Society of Japan, 2018, 87, 094709.	0.7	7
23	Energy-resolved small-angle neutron scattering from steel. Journal of Applied Crystallography, 2017, 50, 334-339.	1.9	4
24	Contrast variation by dynamic nuclear polarization and time-of-flight small-angle neutron scattering. I. Application to industrial multi-component nanocomposites. Journal of Applied Crystallography, 2016, 49, 2036-2045.	1.9	25
25	Magnetic scattering in the simultaneous measurement of small-angle neutron scattering and Bragg edge transmission from steel. Journal of Applied Crystallography, 2016, 49, 1659-1664.	1.9	13
26	The Design and q Resolution of the Small and Wide Angle Neutron Scattering Instrument (TAIKAN) in J-PARC. , 2015, , .		44
27	Identification of Various Coexisting Phases in Superconducting and Non-superconducting Samples of Rb_xFe_{2â^’}_ySe₂. Journal of the Physical Society of Japan, 2015, 84, 044710.	0.7	4
28	Uniaxial stress control of skyrmion phase. Nature Communications, 2015, 6, 8539.	5.8	143
29	Simultaneous Characterisation of Precipitates and Matrix in a Steel Using Small-Angle Neutron Scattering and Bragg-Edge Transmission Analysis. ISIJ International, 2015, 55, 2618-2623.	0.6	9
30	Chiral Magnetic Soliton Lattice in MnSi. , 2014, , .		6
31	Direct Evidence of Confined Water in Room-Temperature Ionic Liquids by Complementary Use of Small-Angle X-ray and Neutron Scattering. Journal of Physical Chemistry Letters, 2014, 5, 1175-1180.	2.1	59
32	Gradual evolution in spin dynamics of TlCu_{1â^’}_xMg_xCl₃ probed by muon-spin-relaxation (Î¼SR) technique. Journal of Physics: Conference Series, 2014, 502, 012041.	0.3	1
33	Magnetism and superconductivity in Rb x Fe2â^’y Se2. Journal of the Korean Physical Society, 2013, 62, 1994-1996.	0.3	2
34	Muon spin relaxation study of spin-glass freezing in the Heusler compound Ru<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.9</mml:mn></mml:mrow></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.1</mml:mn></mml:mrow></mml:msub></mml:math>CrSi. Physical Review B, 2013, 88, .	1.1	9
35	Quasi-One-Dimensional Spin Dynamics in LiV2O4: One-to-Three-Dimensional Crossover as a Possible Origin of Heavy Fermion State. Journal of the Physical Society of Japan, 2012, 81, 014709.	0.7	7
36	Magnetic Penetration Depth in the FeAs-Based Superconductor KFe₂As₂. Journal of the Physical Society of Japan, 2012, 81, SB046.	0.7	2

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37	Flux-line lattice state in FeAs-based superconductor KFe2As2. Journal of Physics: Conference Series, 2012, 400, 022087.	0.3	2
38	Photo Detachment of Negatively Charged Muonium in GaAs by Laser Irradiation. Physics Procedia, 2012, 30, 224-226.	1.2	8
39	Detection of Conduction Electron Spin Polarization in n-GaAs by Negative Muonium. Physics Procedia, 2012, 30, 231-234.	1.2	6
40	Microscopic Phase Separation in Triangular-Lattice Quantum Spin Magnet Î²-(BEDT-TTF)2Cu2(CN)3 Probed by Muon Spin Relaxation. Journal of the Physical Society of Japan, 2012, 81, 063706.	0.7	35
41	Magnetic and diffusive nature of LiFePO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>investigated by muon spin rotation and relaxation. Physical Review B, 2011, 84, .	1.1	65
42	Fast Spin Fluctuation Viewed by Muon Spin Relaxation in Optimally Doped and Overdoped Iron-Based Oxypnictide Superconductors LaFeAsO1-xFx. Journal of the Physical Society of Japan, 2011, 80, 024703.	0.7	2
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55	Coherence Factors in a High- T _c Cuprate Probed by Quasi-Particle Scattering Off Vortices. Science, 2009, 323, 923-926.	6.0	113
56	study of organic antiferromagnet - under high pressure. Physica B: Condensed Matter, 2009, 404, 600-602.	1.3	3
57	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si11.gif" overflow="scroll"><mml:mi mathvariant="normal">Ï¼</mml:mi><mml:mi>SR</mml:mi></mml:math> study of an layered organic superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si12.gif" overflow="scroll"><mml:mi mathvariant="normal">Î²</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si13.gif" overflow="scroll"><mml:mo	1.3	4
58	Possible low-energy excitations of multipoles in probed by muon spin relaxation. Physica B: Condensed Matter, 2009, 404, 761-764.	1.3	1
59	Weak ferromagnetic ordering in the anomalous field-insensitive heavy-fermion state in. Physica B: Condensed Matter, 2009, 404, 757-760.	1.3	5
60	Magnetism and superconductivity in heavy fermion superconductor. Physica B: Condensed Matter, 2009, 404, 754-756.	1.3	0
61	Novel features in filled skutterudites containing rare-earth elements with a plural number of 4f-electrons. Physica B: Condensed Matter, 2009, 404, 749-753.	1.3	5
62	Muon Knight shift measurements in possible octupole ordering system. Physica B: Condensed Matter, 2008, 403, 1647-1649.	1.3	0
63	Influence of self-irradiation on the magnitude of the superfluid density in probed by muon spin rotation. Physica B: Condensed Matter, 2008, 403, 1013-1014.	1.3	0
64	Spin-triplet superconductivity inPrOs4Sb12probed by muon Knight shift. Physical Review B, 2007, 75, .	1.1	32
65	Microscopic properties of vortex states in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Y</mml:mi><mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>probed by muon spin rotation. Physical Review B, 2007, 76, .	1.1	11
66	Muon spin relaxation and hyperfine-enhancedPr141nuclear spin dynamics inPr(Os,Ru)4Sb12and(Pr,La)Os4Sb12. Physical Review B, 2007, 76, .	1.1	22
67	Muon spin rotation measurements of the superfluid density in fresh and aged superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Pu</mml:mi><mml:mi mathvariant="normal">Co</mml:mi><mml:msub><mml:mi mathvariant="normal">Ga</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2007, 76, .	1.1	14
68	Anomalous Magnetic Phase in an Undistorted Pyrochlore Oxide Cd2Os2O7 Induced by Geometrical Frustration. Journal of the Physical Society of Japan, 2007, 76, 063703.	0.7	19
69	The search for magnetic order in -Pu metal using muon spin relaxation. Journal of Alloys and Compounds, 2007, 444-445, 80-83.	2.8	8
70	Low-energy spectroscopic mapping studies in optimally-doped Ca2â^'xNaxCuO2Cl2. Physica C: Superconductivity and its Applications, 2007, 460-462, 954-955.	0.6	2
71	Magnetic correlations and superconductivity in revealed by SR. Journal of Magnetism and Magnetic Materials, 2007, 310, 526-528.	1.0	5
72	Muon Knight shift measurements on in paraquadrupolar state. Journal of Magnetism and Magnetic Materials, 2007, 310, 743-745.	1.0	4

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73	Knight shift measurements in the superconducting state of probed by. Journal of Magnetism and Magnetic Materials, 2007, 310, 620-622.	1.0	4
74	Time reversal symmetry breaking in and. Journal of Magnetism and Magnetic Materials, 2007, 310, 551-553.	1.0	7
75	Magnetic properties of SmRu4P12 probed by. Journal of Physics and Chemistry of Solids, 2007, 68, 2072-2075.	1.9	1
76	Magnetism on Mg1â^'xZnxCyNi3. Journal of Physics and Chemistry of Solids, 2007, 68, 2178-2182.	1.9	15
77	study of the effects of Ce dilution on the development of the heavy-fermion state in. Journal of Physics and Chemistry of Solids, 2007, 68, 2068-2071.	1.9	2
78	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si11.gif" overflow="scroll"><mml:mi>Î¼</mml:mi><mml:mi>SR</mml:mi></mml:math> measurements on the vortex lattice of CaAlSi: Anisotropic response in magnetic penetration depth. Journal of Physics and Chemistry of Solids, 2007, 68, 2124-2128.	1.9	3
79	Quasiparticle interference and superconducting gap in Ca2â^'xNaxCuO2Cl2. Nature Physics, 2007, 3, 865-871.	6.5	155
80	Magnetic penetration depth and self-induced irradiation effects in superconducting probed by muon spin rotation. Journal of Magnetism and Magnetic Materials, 2007, 310, 566-568.	1.0	1
81	Evolution of Local Magnetic State in SmRu4P12 Probed by Muon Spin Relaxation. Journal of the Physical Society of Japan, 2007, 76, 053707.	0.7	27
82	Investigation of Bulk Superconductivity in PrPt5. Journal of the Physical Society of Japan, 2006, 75, 189-191.	0.7	0
83	Possible Magnetic Chirality in Optically Chiral Magnet [Cr(CN)6][Mn(S)-pnH(H2O)](H2O) Probed by Muon Spin Rotation and Relaxation. Journal of the Physical Society of Japan, 2006, 75, 063705.	0.7	13
84	Influence of Self-Irradiation Damage on the Pu-Based Superconductor PuCoGa5Probed by Muon Spin Rotation. Journal of the Physical Society of Japan, 2006, 75, 53-55.	0.7	2
85	ÂµSR Studies of Pu Metal and the Pu-based Superconductor PuCoGa₅. Journal of the Physical Society of Japan, 2006, 75, 14-19.	0.7	5
86	Magnetic response in the superconducting state of 1H-studied by SR. Physica B: Condensed Matter, 2006, 374-375, 251-254.	1.3	1
87	Possible unconventional superconductivity and weak magnetism in NaxCoO2Â·yH2O probed by Î¼SR. Physica B: Condensed Matter, 2006, 374-375, 274-277.	1.3	5
88	Origin of n type conductivity in wide gap semiconductors studied by Î¼SR. Nuclear Physics, Section B, Proceedings Supplements, 2006, 155, 378-380.	0.5	0
89	Magnetic and superconducting phase diagram in oxybromite cuprate. Physica B: Condensed Matter, 2006, 374-375, 75-78.	1.3	1
90	Isolated hydrogen center in wide gap semiconductors studied by Î¼SR. Physica B: Condensed Matter, 2006, 376-377, 444-446.	1.3	2

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91	Possible weak magnetism in MB6(M:Ca, Ba) probed by muon spin relaxation and muon level-crossing resonance. Science and Technology of Advanced Materials, 2006, 7, 12-16.	2.8	7
92	Magnetism and superconductivity of an electron-doped superconductor. Physica B: Condensed Matter, 2006, 374-375, 207-210.	1.3	7
93	Possible Unconventional Superconductivity and Magnetism in CePt3Si Probed by Muon Spin Rotation and Relaxation. Journal of the Physical Society of Japan, 2006, 75, 124713.	0.7	13
94	Magnetism and Superconductivity in CePt3Si Probed by Muon Spin Relaxation. Journal of the Physical Society of Japan, 2006, 75, 180-182.	0.7	1
95	Magnetic field-induced quasiparticle excitation inNb3Sn: Evidence for anisotropics-wave pairing. Physical Review B, 2006, 74, .	1.1	10
96	Limits for ordered magnetism in Pu from muon spin rotation spectroscopy. Physical Review B, 2006, 73, .	1.1	34
97	Field-Induced Uniform Antiferromagnetic Order Associated with Superconductivity in Pr1-xLaCexCuO4-Î´. Journal of the Physical Society of Japan, 2005, 74, 2806-2812.	0.7	10
98	Î¼SR study on filled skutterudite PrRu4P12. Physica B: Condensed Matter, 2005, 359-361, 850-852.	1.3	6
99	SR studies on in comparison with the time-reversal-symmetry-broken superconductor. Physica B: Condensed Matter, 2005, 359-361, 895-897.	1.3	15
100	Correlation between Superconducting Carrier Density and Transition Temperature in NbB2+x. Journal of the Physical Society of Japan, 2005, 74, 1386-1389.	0.7	6
101	Magnetic Phase Diagram of Hole-Doped Ca2-xNaxCuO2Cl2Cuprate Superconductor. Journal of the Physical Society of Japan, 2005, 74, 2408-2412.	0.7	14
102	Staggered magnetism in LiV2O4at low temperatures probed by means of the muon Knight shift. Journal of Physics Condensed Matter, 2005, 17, L257-L264.	0.7	9
103	Possible Anisotropic Order Parameter in Pyrochlore Superconductor KOs2O6 Probed by Muon Spin Rotation. Journal of the Physical Society of Japan, 2005, 74, 1678-1681.	0.7	39
104	Muonium as a Shallow Center in GaN. Physical Review Letters, 2004, 92, 135505.	2.9	44
105	Possible unconventional superconductivity inNaxCoO2Â·yH2Oprobed by muon spin rotation and relaxation. Physical Review B, 2004, 70, .	1.1	57
106	Spin fluctuation inLiV2O4studied by muon spin relaxation. Physical Review B, 2004, 69, .	1.1	18
107	Strong Correlation Between Field-induced Magnetism and Superconductivity in Pr0.89LaCe0.11CuO4. Journal of the Physical Society of Japan, 2004, 73, 2944-2947.	0.7	12
108	Time-of-Flight Neutron Powder Diffraction Studies on a Chiral Two-dimensional Molecule-based Magnet. Journal of the Physical Society of Japan, 2004, 73, 2597-2600.	0.7	17

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109	Unconventional Behavior of Field-induced Quasiparticle Excitation in Ca(Al0.5Si0.5)2. Journal of the Physical Society of Japan, 2004, 73, 2631-2634.	0.7	13
110	Magnetic penetration depth of a new boride superconductor Re3B. Physica B: Condensed Matter, 2003, 326, 355-358.	1.3	7
111	Anomalous quasiparticle excitations in Y(Ni1â^'xPtx)2B2C. Physica B: Condensed Matter, 2003, 326, 364-368.	1.3	9
112	Excess quasiparticles outside the vortex cores in Y(Ni1â^'xPtx)2B2C. Physica C: Superconductivity and Its Applications, 2003, 388-389, 197-198.	0.6	1
113	Time-Reversal Symmetry-Breaking Superconductivity in Heavy-FermionPrOs4Sb12Detected by Muon-Spin Relaxation. Physical Review Letters, 2003, 91, 067003.	2.9	286
114	Magnetic Ground State of Pr0.89LaCe0.11CuO4+Î±-Î´with Varied Oxygen Depletion Probed by Muon Spin Relaxation. Journal of the Physical Society of Japan, 2003, 72, 2955-2958.	0.7	16
115	Quasiparticle Excitations outside the Vortex Cores in MgB2Probed by Muon Spin Rotation. Journal of the Physical Society of Japan, 2003, 72, 29-32.	0.7	32
116	Nonlocal effects and shrinkage of the vortex core radius inYNi2B2Cprobed by muon spin rotation. Physical Review B, 2002, 65, .	1.1	27
117	Magnetic Properties in Phase IV of Ce0.7La0.3B6 Studied by Muon Spin Relaxation. Journal of the Physical Society of Japan, 2002, 71, 31-34.	0.7	35
118	Magnetic Properties in Phase IV of Ce0.8Nd0.2B6Studied by Muon Spin Relaxation. Journal of the Physical Society of Japan, 2002, 71, 118-120.	0.7	0
119	Physical Properties in Flux Line Lattice State in MgB2Probed by ÂµSR. Journal of the Physical Society of Japan, 2002, 71, 335-337.	0.7	0
120	Possible nodal vortex state inCeRu2. Physical Review B, 2001, 63, .	1.1	33
121	Spin Dynamics of 4fElectrons in CeB6Studied by Muon Spin Relaxation. Journal of the Physical Society of Japan, 2000, 69, 3189-3192.	0.7	10
122	The magnetic ordering in the spin ladder compound Sr2.5Ca11.5Cu24O41. Physica B: Condensed Matter, 2000, 289-290, 157-160.	1.3	4
123	Appearance of magnetic long-range order in the spin ladder compound. Physica B: Condensed Matter, 2000, 289-290, 165-167.	1.3	1
124	Antiferromagnet (Ln,Ca)CuO2.5 near the quantum critical point (Ln=Pr,Nd). Physica B: Condensed Matter, 2000, 289-290, 168-171.	1.3	1
125	Anomalous local magnetic shielding effect at muon site in Sr2.5Ca11.5Cu24O41 and Ce0.99Cu2.02Si2. Physica B: Condensed Matter, 2000, 289-290, 322-325.	1.3	3
126	Anomalous field dependence of the vortex-core radius and magnetic penetration depth in YNi2B2C probed by Î¼SR. Physica B: Condensed Matter, 2000, 289-290, 377-380.	1.3	7

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127	Spatially Modulated Antiferromagnetism in Sr2.5Ca11.5Cu24O41Probed by Muon Spin Relaxation. Journal of the Physical Society of Japan, 2000, 69, 2427-2430.	0.7	3
128	Coexistence of the spin liquid state and the magnetic ordering in the spin ladder compound; Sr14â^'xCaxCu24O41. Journal of Physics and Chemistry of Solids, 1999, 60, 1039-1043.	1.9	4