

Yuri Kohama

List of Publications by Year in descending order

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331538

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all docs

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docs citations

47
times ranked

3524
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum phase of the chromium spinel oxide HgCr_2O_4 in high magnetic fields. <i>Physical Review B</i> , 2022, 105, .	1.1	3
2	Ferroelectric Transition of a Chiral Molecular Crystal BINOL TM 2DMSO. <i>Journal of the Physical Society of Japan</i> , 2022, 91, .	0.7	2
3	High-Field Calorimetric Studies on Low-Dimensional and Frustrated Quantum Magnets. <i>Journal of the Physical Society of Japan</i> , 2022, 91, .	0.7	3
4	Emergence of Frustrated Short-Range Order above Long-Range Order in the $S = 1/2$ Kagome Antiferromagnet $\text{CaCu}_3(\text{OD})_6\text{Cl}_2\text{O}_6\text{D}_2\text{O}$. <i>Journal of the Physical Society of Japan</i> , 2021, 90, 023703.	0.7	3
5	Compact megajoule-class pulsed power supply for generating long-pulsed magnetic fields. <i>Review of Scientific Instruments</i> , 2021, 92, 024711.	0.6	7
6	Wide Critical Fluctuations of the Field-Induced Phase Transition in Graphite. <i>Physical Review Letters</i> , 2021, 126, 106801.	2.9	4
7	Higher magnetic-field generation by a mass-loaded single-turn coil. <i>Review of Scientific Instruments</i> , 2021, 92, 033902.	0.6	0
8	High-resolution calorimetry in pulsed magnetic fields. <i>Review of Scientific Instruments</i> , 2021, 92, 043901.	0.6	15
9	Ultrasound measurement technique for the single-turn-coil magnets. <i>Review of Scientific Instruments</i> , 2021, 92, 063902.	0.6	7
10	Revealing three-dimensional quantum criticality by Sr substitution in Han purple. <i>Physical Review Research</i> , 2021, 3, .	1.3	10
11	Extraordinary I^{E} -electron superconductivity emerging from a quantum spin liquid. <i>Physical Review Research</i> , 2021, 3, .	1.3	11
12	Nonreciprocal Directional Dichroism in a Magnetic-Field-Induced Ferroelectric Phase of $\text{Pb}(\text{TiO})\text{Cu}_4(\text{PO})_4$. <i>Journal of the Physical Society of Japan</i> , 2021, 90, .	0.7	3
13	Nuclear magnetic resonance measurements in dynamically controlled field pulse. <i>Review of Scientific Instruments</i> , 2021, 92, 114709.	0.6	9
14	Physical properties of liquid oxygen under ultrahigh magnetic fields. <i>Physical Review B</i> , 2021, 104, .	1.1	2
15	Strain engineering of the magnetic multipole moments and anomalous Hall effect in pyrochlore iridate thin films. <i>Science Advances</i> , 2020, 6, eabb1539.	4.7	24
16	Observation of small Fermi pockets protected by clean CuO sheets of a high- T_c superconductor. <i>Science</i> , 2020, 369, 833-838.	6.0	25
17	Anisotropic Fully Gapped Superconductivity Possibly Mediated by Charge Fluctuations in a Nondimeric Organic Complex. <i>Physical Review Letters</i> , 2020, 125, 177002.	2.9	12
18	Magnetization process of the breathing pyrochlore magnet $\text{CuInCr}_4\text{S}_8$ in ultrahigh magnetic fields up to 150 T. <i>Physical Review B</i> , 2020, 101, .	1.1	16

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19	Direct measurement of resistivity in destructive pulsed magnetic fields. Review of Scientific Instruments, 2020, 91, 033901.	0.6	3
20	Symmetry Lowering on the Field-Induced Commensurate Phase in CeRhIn5. Journal of the Physical Society of Japan, 2020, 89, 094709.	0.7	2
21	Intrinsic 2D Ferromagnetism in V_5Se_8 Epitaxial Thin Films. Nano Letters, 2019, 19, 8806-8810.	4.5	54
22	Possible observation of quantum spin-nematic phase in a frustrated magnet. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10686-10690.	3.3	59
23	Strain-induced spontaneous Hall effect in an epitaxial thin film of a Luttinger semimetal. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8803-8808.	3.3	37
24	Multiple topological states in iron-based superconductors. Nature Physics, 2019, 15, 41-47.	6.5	170
25	Quantum Criticality of an Ising-like Spin- $1/2$ Antiferromagnetic Chain in a Transverse Magnetic Field. Physical Review Letters, 2018, 120, 207205.	2.9	43
26	Magnetic-Field-Induced Kondo Metal Realized in YbB_{12} . Physical Review Letters, 2018, 120, 257206.	2.9	20
27	Magneto-optical Transitions of GaAs/AlGaAs Multiple Quantum Wells. Journal of the Korean Physical Society, 2018, 73, 338-342.	0.3	1
28	Superconductivity protected by spin-valley locking in ion-gated MoS2. Nature Physics, 2016, 12, 144-149.	6.5	419
29	Antiferromagnetism in a Family of $S = 1$ Square Lattice Coordination Polymers $NiX_2(pyz)_2$ (X = Cl, Br, I, NCS; pyz = Pyrazine). Inorganic Chemistry, 2016, 55, 3515-3529.	1.9	23
30	Field-induced quantum metal-insulator transition in the pyrochlore iridate Nd2Ir2O7. Nature Physics, 2016, 12, 134-138.	6.5	109
31	Generation of flat-top pulsed magnetic fields with feedback control approach. Review of Scientific Instruments, 2015, 86, 104701.	0.6	36
32	Fermi surface reconstruction and multiple quantum phase transitions in the antiferromagnet CeRhIn5. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 673-678.	3.3	67
33	Detection of Berry's Phase in a Bulk Rashba Semiconductor. Science, 2013, 342, 1490-1493.	6.0	244
34	Heat-pulse measurements of specific heat in 36 ms pulsed magnetic fields. Measurement Science and Technology, 2013, 24, 115005.	1.4	16
35	Antiferromagnetic ordering in Sr2CrO4. Journal of Physics Condensed Matter, 2013, 25, 226001.	0.7	6
36	Anisotropic Cascade of Field-Induced Phase Transitions in the Frustrated Spin-Ladder System $BiCu_2O_6$. Physical Review Letters, 2012, 109, 167204.	2.9	37

#	ARTICLE	IF	CITATIONS
37	[Ni(HF ₂)(3-Clpy) ₄]BF ₄ (py = pyridine): Evidence for Spin Exchange Along Strongly Distorted FA ₂ H ₂ F ⁺ Bridges in a One-Dimensional Polymeric Chain. Inorganic Chemistry, 2012, 51, 7520-7528.	1.9	19
38	Structural, Electronic, and Magnetic Properties of Quasi-1D Quantum Magnets [Ni(HF ₂)(pyz) ₂]X (pyz = pyrazine; X = PF ₆ ⁻ , Tl ⁺) Chemistry, 2011, 50, 5990-6009.	1.9	30
39	AC measurement of heat capacity and magnetocaloric effect for pulsed magnetic fields. Review of Scientific Instruments, 2010, 81, 104902.	0.6	48
40	Pseudoisotropic Upper Critical Field in Cobalt-Doped SrFe ₂ As ₂ Field-Induced Bose-Einstein Condensation of Triplons up to 8K in Physical Review Letters, 2009, 102, 117004.	2.0	104
41	Angular and field properties of the critical current and melting line of Co-doped SrFe ₂ As ₂ epitaxial films. Superconductor Science and Technology, 2009, 22, 125011.	1.8	23
42	Low-temperature heat capacity of triangle antiferromagnetic molecular clusters K12[(VO) ₃ (SbW ₉ O ₃₃) ₂]·15H ₂ O and K12[(VO) ₃ (BiW ₉ O ₃₃) ₂]·29H ₂ O. Journal of Solid State Chemistry, 2009, 182, 1468-1472.	1.4	8
43	Hall coefficient and H _{c2} in underdoped LaFeAsO _{0.95} F _{0.05} . Europhysics Letters, 2008, 84, 37005.	0.7	17
44	Superconductivity in an Inorganic Electride 12CaO·7Al ₂ O ₃ :e ⁻ . Journal of the American Chemical Society, 2007, 129, 7270-7271.	6.6	199
45	Synthesis and physical properties of 1,4-bis(4-cyanobiphenyl)oxy-4-(5-alkylpyrimidin-2-yl)phenyloxy]alkanes. Liquid Crystals, 2006, 33, 611-619.	0.9	22
46	Order of Oxidation and Incorporation of O ²⁻ and Si ⁴⁺ Physical Review Letters, 2009, 102, 117004.	2.0	104
47	Angular and field properties of the critical current and melting line of Co-doped SrFe ₂ As ₂ epitaxial films. Superconductor Science and Technology, 2009, 22, 125011.	1.8	23