

Takehito Suzuki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5110124/publications.pdf>

Version: 2024-02-01

47
papers

2,397
citations

279798

23
h-index

223800

46
g-index

47
all docs

47
docs citations

47
times ranked

3221
citing authors

#	ARTICLE	IF	CITATIONS
1	Massive Dirac fermions in a ferromagnetic kagome metal. Nature, 2018, 555, 638-642.	27.8	544
2	Large anomalous Hall effect in a half-Heusler antiferromagnet. Nature Physics, 2016, 12, 1119-1123.	16.7	232
3	Extremely high electron mobility in a phonon-glass semimetal. Nature Materials, 2013, 12, 512-517.	27.5	174
4	Orbital Ordering and Magnetic Field Effect in MnV ₂ O ₄ . Physical Review Letters, 2007, 98, 127203.	7.8	163
5	Magnetic-Field Switching of Crystal Structure in an Orbital-Spin-Coupled System: MnV ₂ O ₄ . Physical Review Letters, 2005, 95, 197202.	7.8	118
6	Variation of Charge Dynamics in the Course of Metal-Insulator Transition for Pyrochlore-Type Nd_2O_7 . Physical Review Letters, 2012, 109, 136402.	17.3	100
7	Structural and Magnetic Properties of Spinel FeV ₂ O ₄ with Two Ions Having Orbital Degrees of Freedom. Journal of the Physical Society of Japan, 2008, 77, 053708.	1.6	92
8	Magnetodielectric properties of spin-orbital coupled system $\text{Mn}_3\text{B}_2\text{O}_{10}$. Physical Review B, 2008, 77, 114407.	3.2	83
9	Magnetodielectric properties of spin-orbital coupled system $\text{Mn}_4\text{B}_2\text{O}_{10}$. Physical Review B, 2008, 77, 114408.	3.2	83

#	ARTICLE	IF	CITATIONS
19	Evidence of two-dimensional flat band at the surface of antiferromagnetic kagome metal FeSn. Nature Communications, 2021, 12, 5345.	12.8	34
20	Evolution of magnetic and structural transitions and enhancement of magnetocaloric effect in V_2O_4 . Physical Review B, 2014, 89, .	3.2	28
21	Modification of electronic structure and thermoelectric properties of hole-doped tungsten dichalcogenides. Physical Review B, 2015, 91, .	3.2	27
22	Electronic transport on the Shastry-Sutherland lattice in Ising-type rare-earth tetraborides. Physical Review B, 2017, 95, .	3.2	25
23	Low Temperature Structural Instability of Tetragonal Spinel Mn_3O_4 . Journal of the Physical Society of Japan, 2013, 82, 034707.	1.6	23
24	Observation of a topological insulator Dirac cone reshaped by non-magnetic impurity resonance. Npj Quantum Materials, 2018, 3, .	5.2	23
25	Molecular beam epitaxy growth of antiferromagnetic Kagome metal FeSn. Applied Physics Letters, 2019, 115, 072403.	3.3	19
26	Evolution of phonon Raman spectra with orbital ordering in spinel MnVO_4 . Physical Review B, 2011, 84, .	3.2	17
27	X-ray study of metal-insulator transitions induced by W doping and photoirradiation in VO_2 . Physical Review B, 2015, 91, .	3.2	17
28	Doping control and thermoelectric properties in R_2VO_4 .		

#	ARTICLE	IF	CITATIONS
37	Band engineering of a magnetic thin film rare-earth monopnictide: A platform for high Chern number. <i>Physical Review Materials</i> , 2019, 3, .	2.4	6
38	Magnetocapacitance in Geometrically Frustrated Magnet ZnFe ₂ O ₄ . <i>Journal of the Physical Society of Japan</i> , 2005, 74, 863-866.	1.6	5
39	Spin-dependent charge dynamics of an orbital-spin-coupled system: Yb ₂ V ₂ O ₇ . <i>Physical Review B</i> , 2006, 74, .	3.2	5
40	Signatures of bosonic Landau levels in a finite-momentum superconductor. <i>Nature</i> , 2021, 599, 51-56.	27.8	5
41	Magnetic-field switching of crystal structure in spinel MnV ₂ O ₄ . <i>Physica B: Condensed Matter</i> , 2006, 383, 13-15.	2.7	4
42	Orbital reorientation in MnV ₂ O ₄ observed by V NMR. <i>Scientific Reports</i> , 2017, 7, 2178.	3.3	4
43	Dynamics of the charge-spin interplay in a perovskite manganite. <i>Physical Review B</i> , 2005, 72, .	3.2	2
44	Study of Dynamics in Inhomogeneous States by Temperature-Modulated Optical Reflectivity Measurement: Application to Perovskite Manganites. <i>Journal of the Physical Society of Japan</i> , 2010, 79, 014704.	1.6	1
45	Impact of electron doping on thermoelectric properties in filled skutterudite IrSb ₃ . <i>Physical Review B</i> , 2016, 93, .	3.2	1
46	Magnetotransport Properties of the Orbital-Ordered State of Ba _{1-x} Sr _x V ₁₃ O ₁₈ . <i>Journal of the Physical Society of Japan</i> , 2019, 88, 024708.	1.6	1
47	Low Voltage Imaging of Quantum Materials Imaging the Surface Plasmon Polaritons in Chalcogenides. <i>Microscopy and Microanalysis</i> , 2019, 25, 460-461.	0.4	0