

Takehito Suzuki

List of Publications by Year in descending order

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47
papers

2,397
citations

279798

23
h-index

223800

46
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47
all docs

47
docs citations

47
times ranked

3221
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence of two-dimensional flat band at the surface of antiferromagnetic kagome metal FeSn. Nature Communications, 2021, 12, 5345.	12.8	34
2	Signatures of bosonic Landau levels in a finite-momentum superconductor. Nature, 2021, 599, 51-56.	27.8	5
3	Spectromicroscopic measurement of surface and bulk band structure interplay in a disordered topological insulator. Nature Physics, 2020, 16, 285-289.	16.7	8
4	Clean 2D superconductivity in a bulk van der Waals superlattice. Science, 2020, 370, 231-236.	12.6	64
5	Low Voltage Imaging of Quantum Materials Imaging the Surface Plasmon Polaritons in Chalcogenides. Microscopy and Microanalysis, 2019, 25, 460-461.	0.4	0
6	Molecular beam epitaxy growth of antiferromagnetic Kagome metal FeSn. Applied Physics Letters, 2019, 115, 072403.	3.3	19
7	de Haas-van Alphen effect of correlated Dirac states in kagome metal Fe ₃ Sn ₂ . Nature Communications, 2019, 10, 4870.	12.8	48
8	Magnetotransport Properties of the Orbital-Ordered State of Ba _{1-x} Sr _x V ₁₃ O ₁₈ . Journal of the Physical Society of Japan, 2019, 88, 024708.	1.6	1
9	Singular angular magnetoresistance in a magnetic nodal semimetal. Science, 2019, 365, 377-381.	12.6	69
10	Band engineering of a magnetic thin film rare-earth monopnictide: A platform for high Chern number. Physical Review Materials, 2019, 3, .	2.4	6
11	Extreme magnetoresistance in magnetic rare-earth monopnictides. Physical Review B, 2018, 97, .	3.2	46
12	Massive Dirac fermions in a ferromagnetic kagome metal. Nature, 2018, 555, 638-642.	27.8	544
13	Observation of a topological insulator Dirac cone reshaped by non-magnetic impurity resonance. Npj Quantum Materials, 2018, 3, .	5.2	23
14	Orbital reorientation in MnV ₂ O ₄ observed by V NMR. Scientific Reports, 2017, 7, 2178.	3.3	4
15	Electronic transport on the Shastry-Sutherland lattice in Ising-type rare-earth tetraborides. Physical Review B, 2017, 95, .	3.2	25
16	Large anomalous Hall effect in a half-Heusler antiferromagnet. Nature Physics, 2016, 12, 1119-1123.	16.7	232
17	Impact of electron doping on thermoelectric properties in filled skutterudite IrSb ₃ . Physical Review B, 2016, 93, .	3.2	1
18	Modification of electronic structure and thermoelectric properties of hole-doped tungsten dichalcogenides. Physical Review B, 2015, 91, .	3.2	27

#	ARTICLE	IF	CITATIONS
19	X-ray study of metal-insulator transitions induced by W doping and photoirradiation in VO_2 . Physical Review B, 2015, 91, .		17
20	Anomalous domain-wall conductance in pyrochlore-type Nd_2O_7 on the verge of the metal-insulator transition. Physical Review B, 2014, 89, Enhancement of magnetocaloric effect	3.2	60
21	in FeVO_2 . Physical Review B, 2014, 89, .	3.2	28
22	Tuning structural instability toward enhanced magnetocaloric effect around room temperature in $\text{MnCo}_{1-x}\text{Zn}_x\text{Ge}$. Scientific Reports, 2014, 4, 7544.	3.3	56
23	Change of the optical conductivity spectra with orbital and spin ordering in spinel MnVO_2 . Physical Review B, 2013, 87, .	3.2	8
24	Extremely high electron mobility in a phonon-glass semimetal. Nature Materials, 2013, 12, 512-517.	27.5	174
25	Low Temperature Structural Instability of Tetragonal Spinel Mn_3O_4 . Journal of the Physical Society of Japan, 2013, 82, 034707.	1.6	23
26	Dynamic spin correlations in the frustrated cubic phase of MnVO_4 . Physical Review B, 2013, 88, .	3.2	10
27	Topological Hall Effect in Pyrochlore Lattice with Varying Density of Spin Chirality. Physical Review Letters, 2012, 108, 156601.	7.8	41
28	Variation of Charge Dynamics in the Course of Metal-Insulator Transition for Pyrochlore-Type Nd_2O_7 . Physical Review Letters, 2012, 109, 136402.	7.4	100
29	Thermoelectric Properties of Electron-Doped SrMnO_3 Single Crystals with Perovskite Structure. Journal of Electronic Materials, 2012, 41, 1559-1563.	2.2	12
30	Evolution of phonon Raman spectra with orbital ordering in spinel MnVO_4 . Physical Review B, 2011, 84, .	3.2	17
31	in RVO_2 .		

#	ARTICLE	IF	CITATIONS
37	Second Harmonic Generation from Multiferroic MnWO ₄ . Journal of the Physical Society of Japan, 2008, 77, 115001.	1.6	8
38	Magnetodielectric properties of spin-orbital coupled system $\chi_{\text{Mn}}^{\text{Mn}} \chi_{\text{Mn}}^{\text{Mn}}$ Physical Review B, 2008, 77, .	3.2	83
39	Nonvolatile memory effect of capacitance in polycrystalline spinel vanadate. Applied Physics Letters, 2007, 91, .	3.3	34
40	Orbital Ordering and Magnetic Field Effect in MnV ₂ O ₄ . Physical Review Letters, 2007, 98, 127203.	7.8	163
41	Correlation between magnetic, dielectric properties and crystal structure in (, Cr, Mn). Journal of Magnetism and Magnetic Materials, 2007, 310, 780-781.	2.3	12
42	Coupling between magnetic, dielectric properties and crystal structure in MnT ₂ O ₄ (T = V, Cr, Mn). Journal of Physics: Conference Series, 2006, 31, 235-236.	0.4	14
43	Magnetic-field switching of crystal structure in spinel MnV ₂ O ₄ . Physica B: Condensed Matter, 2006, 383, 13-15.	2.7	4
44	Spin-dependent charge dynamics of an orbital-spin-coupled system: Yb ₂ V ₂ O ₇ . Physical Review B, 2006, 74, .	3.2	5
45	Magnetocapacitance in Geometrically Frustrated Magnet ZnFe ₂ O ₄ . Journal of the Physical Society of Japan, 2005, 74, 863-866.	1.6	5
46	Dynamics of the charge-spin interplay in a perovskite manganite. Physical Review B, 2005, 72, .	3.2	2
47	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