Motoi Kimata

List of Publications by Year
in descending order

22	856	759233 12	794594 19
papers	citations	h-index	g-index

23	23	23	1266
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Presence of X-Ray Magnetic Circular Dichroism Signal for Zero-Magnetization Antiferromagnetic State. Physical Review Letters, 2021, 126, 157402.	7.8	8
2	Field-Induced Superconductivity near the Superconducting Critical Pressure in UTe₂. Journal of the Physical Society of Japan, 2021, 90, 074705.	1.6	18
3	X-ray study of ferroic octupole order producing anomalous Hall effect. Nature Communications, 2021, 12, 5582.	12.8	10
4	Anomalous Hall Effect in Antiferromagnet EuNiGe₃ with the Rashba-type Tetragonal Structure. , 2020, , .		3
5	Distinct domain reversal mechanisms in epitaxial and polycrystalline antiferromagnetic NiO films from high-field spin Hall magnetoresistance. Applied Physics Letters, 2020, 116, 192402.	3.3	9
6	Anisotropy of the Upper Critical Field in the Heavy-Fermion Superconductor UTe₂ under Pressure. Journal of the Physical Society of Japan, 2020, 89, 053707.	1.6	32
7	Large anomalous Hall effect in L12-ordered antiferromagnetic Mn3Ir thin films. Applied Physics Letters, 2020, 116, .	3.3	41
8	Magnetic and magneticÂinverse spin Hall effects in a non-collinear antiferromagnet. Nature, 2019, 565, 627-630.	27.8	252
9	Spin torque control of antiferromagnetic moments in NiO. Scientific Reports, 2018, 8, 14167.	3.3	190
10	Anomalous Nernst effect in a microfabricated thermoelectric element made of chiral antiferromagnet Mn3Sn. Applied Physics Letters, 2017, 111, .	3.3	38
11	Weak Ferromagnetic Response of d Electrons and Antiferromagnetic Response of Ï€ Electrons in TPP[Mn(Pc)(CN)₂]₂ in Torque Magnetometry Experiments. Journal of the Physical Society of Japan, 2017, 86, 114709.	1.6	0
12	Hydrostatic and Nonhydrostatic Pressure Effects on the Pressure-Induced Iron-Based Superconductor. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2016, 26, 27-34.	0.0	0
13	Vortex Dynamics and Diamagnetic Torque Signals in Two Dimensional Organic Superconductor Î»-(BETS)2GaCl4. Journal of the Physical Society of Japan, 2015, 84, 104709.	1.6	26
14	Gapless Quantum Spin Liquid in an Organic Spin-1/2 Triangular-Lattice<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Îº</mml:mi><mml:mo>â^'</mml:mo><mml:msub><mml:mrow><mml:mi mathvariant="normal">H</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:mtext) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 207 Td (mathvariant="bold">Cat-EDT-TTF</mml:mtext>	7.8	140
15	Pressure-induced superconductivity in semimetallic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>without a quantum critical point: Magnetotransport and upper critical field measurements under high pressure. Physical Review B, 2013, 88, .	3.2	12
16	Metamagnetic Transition and Its Related Magnetocapacitance Effect in Phthalocyanine-Molecular Conductor Exhibiting Giant Magnetoresistance. Journal of the Physical Society of Japan, 2013, 82, 094713.	1.6	7
17	Orbital Effect on FFLO Phase and Energy Dissipation due to Vortex Dynamics in Magnetic-Field-Induced Superconductor Î»-(BETS)2FeCl4. Journal of the Physical Society of Japan, 2013, 82, 034715.	1.6	16
18	Charge Transport in Charge-Ordered States of Two-Dimensional Organic Conductors, Î±-(BEDT-TTF)₂I₃ and Î±'-(BEDT-TTF)₂IBr₂. Journal of the Physical Society of Japan, 2012, 81, 044703.	1.6	15

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19	Electrostatic Charge Carrier Injection into the Charge-Ordered Organic Material Î±-(BEDT-TTF)₂I₃. Journal of the Physical Society of Japan, 2012, 81, 073704.	1.6	4
20	Magnetism and Pressure-Induced Superconductivity of Checkerboard-Type Charge-Ordered Molecular Conductor Î²-(meso-DMBEDT-TTF)2X (X = PF6 and AsF6). Crystals, 2012, 2, 1502-1513.	2.2	14
21	Highly nonlinear current-voltage characteristics of the organic Mott insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Îº</mml:mi></mml:math>-(BEDT-TTF)<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Cu[N(CN)<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub>	3.2	16
22	Extrinsic contribution to anomalous Hall effect in chiral antiferromagnetic (111)-oriented L1₂-Mn₃Ir films. Japanese Journal of Applied Physics, 0, , .	1.5	3