

Minhyea Lee

List of Publications by Year in descending order

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27
papers

1,495
citations

516710

16
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

2694
citing authors

#	ARTICLE	IF	CITATIONS
1	Disordered exchange is biased. Nature Physics, 2021, 17, 434-435.	16.7	3
2	Thermoelectric properties of the stripe-charge ordering phases in IrTe_2 . Physical Review B, 2021, 103, .	3.2	2
3	Ground state in proximity to a possible Kitaev spin liquid: The undistorted honeycomb iridate NaIrO_3 (0.60 \times 0.80). Physical Review B, 2021, 104, .	3.6	10
4	Systematic extraction of crystal electric-field effects and quantum magnetic model parameters in triangular rare-earth magnets. Physical Review Research, 2021, 3, .	5.2	14
5	Quantum liquid from strange frustration in the trimer magnet $\text{Ba}_4\text{Ir}_3\text{O}_{10}$. Npj Quantum Materials, 2020, 5, .	3.2	14
6	Spinon excitations in the quasi-one-dimensional chain compound CsCuSbCl_4 . Physical Review B, 2020, 101, .	7.8	153
7	Giant thermal magnetoconductivity in CrCl_3 and a general model for spin-phonon scattering. Physical Review Research, 2020, 2, .	7.1	59
8	Nonsaturating large magnetoresistance in semimetals. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10570-10575.	5.2	22
9	Restoration of quantum critical behavior by disorder in pressure-tuned $(\text{Mn,Fe})\text{Si}$. Npj Quantum Materials, 2017, 2, .	7.8	153
10	Anomalous Thermal Conductivity and Magnetic Torque Response in the Honeycomb Magnet RuCl_3 . Physical Review Letters, 2017, 118, 187203.	3.2	1
11	Multiple magnetic states within the A phase determined by field-orientation dependence of $\text{Mn}_0.9\text{Fe}_{0.1}\text{Si}$. Physical Review B, 2017, 96, .	3.2	30
12	Out-of-plane spin-orientation dependent magnetotransport properties in the anisotropic helimagnet Cr_3NbS_2 . Physical Review B, 2015, 91, .	3.3	37
13	Spin structure of the anisotropic helimagnet Cr_3NbS_2 in a magnetic field. Applied Physics Letters, 2014, 105, .	3.2	25
14	Large enhancement of emergent magnetic fields in MnSi with impurities and pressure. Physical Review B, 2013, 88, .	16.7	93
15	Quantum superposition of a single microwave photon in two different $\hat{\sigma}^{\text{TM}}$ colour $\hat{\epsilon}^{\text{TM}}$ states. Nature Physics, 2011, 7, 599-603.	3.3	19
16	Noise performance of lumped element direct current superconducting quantum interference device amplifiers in the 4 $\hat{\epsilon}$ 8 GHz range. Applied Physics Letters, 2010, 97, .	7.8	337
17	Unusual Hall Effect Anomaly in MnSi under Pressure. Physical Review Letters, 2009, 102, 186601.	2.7	18
18	Enhancement of the thermopower in in the large-x regime (). Physica B: Condensed Matter, 2008, 403, 1564-1568.		

#	ARTICLE	IF	CITATIONS
19	Anomalous Hall effect and magnetoresistance in the layered ferromagnet $\text{Fe}_1\text{Ta}_4\text{S}_2$: The inelastic regime. Physical Review B, 2008, 77, .	3.2	82
20	Hidden constant in the anomalous Hall effect of high-purity magnet MnSi. Physical Review B, 2007, 75, .	3.2	134
21	Sharp switching of the magnetization in $\text{Fe}_1\text{Ta}_4\text{S}_2$. Physical Review B, 2007, 75, .	3.2	99
22	Transport properties of magnetic metal $\text{SrCo}_6\text{O}_{11}$. Journal of Magnetism and Magnetic Materials, 2007, 310, 1989-1990.	2.3	8
23	Large enhancement of the thermopower in Na_xCoO_2 at high Na doping. Nature Materials, 2006, 5, 537-540.	27.5	291
24	Thermoelectric properties of epitaxial and topotaxial Na_xCoO_2 thin films. Materials Research Society Symposia Proceedings, 2005, 886, 1.	0.1	2
25	Structural and transport properties of epitaxial Na_xCoO_2 thin films. Applied Physics Letters, 2005, 87, 172104.	3.3	20
26	Origin of the Metallization of c-Axis Resistivity upon Iodine Intercalation into $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. Journal of Physical Chemistry B, 2001, 105, 5174-5177.	2.6	3
27	Anomalous Hall effect and magnetoresistance in the layered ferromagnet $\text{Fe}_1\text{Ta}_4\text{S}_2$: The inelastic regime. , 0, .		1