

Daichi Hirobe

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

495
citations

933447

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h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

675
citing authors

#	ARTICLE	IF	CITATIONS
1	One-dimensional spinon spin currents. Nature Physics, 2017, 13, 30-34.	16.7	111
2	Chirality-Induced Spin-Polarized State of a Chiral Crystal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>CrNb</mml:mi></mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>S Physical Review Letters, 2020, 124, 166602.	7.8	61
3	Magnetic thermal conductivity far above the Néel temperature in the Kitaev-magnet candidate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â~</mml:mtext><mml:msub></mml:msub></mml:mrow></mml:math> Physical Review B, 2017, 95, .	3.2	47
4	Chirality-Induced Spin Polarization over Macroscopic Distances in Chiral Disilicide Crystals. Physical Review Letters, 2021, 127, 126602.	7.8	53
5	Spin Seebeck effect in the layered ferromagnetic insulators <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CrSiTe</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CrGeTe</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2019, 100, .	3.2	47
6	Current-induced bulk magnetization of a chiral crystal CrNb ₃ S ₆ . Applied Physics Letters, 2020, 117, .	3.3	32
7	Effect of spin Hall magnetoresistance on spin pumping measurements in insulating magnet/metal systems. Applied Physics Express, 2014, 7, 013003.	2.4	21
8	Spin pumping from nuclear spin waves. Nature Physics, 2019, 15, 22-26.	16.7	19
9	Magnon Pairs and Spin-Nematic Correlation in the Spin Seebeck Effect. Physical Review Letters, 2019, 123, 117202.	7.8	16
10	Generation of spin currents from one-dimensional quantum spin liquid. Journal of Applied Physics, 2018, 123, .	2.5	11
11	Double Heterohelicenes Composed of Benzo[b]- and Dibenzo[b,i]phenoxazine: A Comprehensive Comparison of Their Electronic and Chiroptical Properties. Journal of Physical Chemistry Letters, 2021, 12, 9283-9292.	4.6	10
12	Generation of spin currents in the skyrmion phase of a helimagnetic insulator Cu ₂ OSeO ₃ . Journal of Applied Physics, 2015, 117, 053904.	2.5	9
13	Unusual stoichiometry, band structure and band filling in conducting enantiopure radical cation salts of TM-BEDT-TTF showing helical packing of the donors. Journal of Materials Chemistry C, 2021, 9, 10777-10786.	5.5	7
14	Generation of megahertz-band spin currents using nonlinear spin pumping. Scientific Reports, 2017, 7, 4576.	3.3	5
15	Microscopic formulation of nonlinear spin current induced by spin pumping. Journal of Magnetism and Magnetic Materials, 2019, 476, 459-463.	2.3	1