

# Junfeng Hu

## List of Publications by Year in descending order

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18  
papers

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1039880

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887953

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g-index

21  
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21  
docs citations

21  
times ranked

642  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-distance propagation of short-wavelength spin waves. Nature Communications, 2018, 9, 738.	5.8	181
2	Chiral Emission of Exchange Spin Waves by Magnetic Skyrmions. ACS Nano, 2021, 15, 4372-4379.	7.3	38
3	Anomalous Nernst effect in Ir <sub>22</sub> Mn <sub>78</sub> /Co <sub>20</sub> Fe <sub>60</sub> B <sub>20</sub> /MgO layers with perpendicular magnetic anisotropy. Applied Physics Letters, 2017, 111, .	1.5	24
4	Anomalous Hall and Nernst Effects in $\text{Co}_2\text{MnSi}$ and $\text{Co}_2\text{MnGa}$ thin films. Physical Review Applied, 2018, 10, .	1.5	24
5	Spin-Dependent Thermoelectric Transport in Cobalt-Based Heusler Alloys. Annalen Der Physik, 2020, 532, 1900456.	0.9	18
6	Large magnetothermopower and anomalous Nernst effect in $\text{HfTe}_5$ . Physical Review B, 2019, 100, .	1.1	16
7	Record thermopower found in an IrMn-based spintronic stack. Nature Communications, 2020, 11, 2023.	5.8	16
8	Anomalous Nernst effect in Co <sub>2</sub> MnGa thin films with perpendicular magnetic anisotropy. Journal of Magnetism and Magnetic Materials, 2020, 500, 166397.	1.0	15
9	Ultrabroadband spin-wave propagation in $\text{Co}_2\text{MnSi}$ thin films. Physical Review B, 2017, 96, .	1.5	24
10	Spin-dependent thermoelectric effect in Co <sub>2</sub> Fe <sub>0.4</sub> Mn <sub>0.6</sub> Si thin film with perpendicular magnetic anisotropy. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 670-673.	0.9	7
11	Regulating the anomalous Hall and Nernst effects in Heusler-based trilayers. Applied Physics Letters, 2020, 117, .	1.5	7
12	Spin wave propagation detected over $100\text{ m}$ in half-metallic Heusler alloy $\text{Co}_2\text{MnSi}$ . Journal of Magnetism and Magnetic Materials, 2018, 450, 13-17.	1.0	6
13	Surface anisotropy induced spin wave nonreciprocity in epitaxial La <sub>0.33</sub> Sr <sub>0.67</sub> MnO <sub>3</sub> film on SrTiO <sub>3</sub> substrate. Applied Physics Letters, 2020, 117, .	1.5	5
14	Electron-Phonon Interaction Enables Strong Thermoelectric Seebeck Effect Variation in Hybrid Nanoscale Systems. Journal of Physical Chemistry C, 2021, 125, 13167-13175.	1.5	5
15	Unconventional spin-dependent thermopower in epitaxial Co <sub>2</sub> Ti <sub>0.6</sub> V <sub>0.4</sub> Sn <sub>0.75</sub> Heusler film. Solid State Communications, 2019, 299, 113661.	0.9	3
16	Doping effect on the thermoelectric transport properties of HfTe <sub>5</sub> . AIP Advances, 2019, 9, .	0.6	2
17	Large Anomalous Nernst Angle in $\text{Co}_2\text{MnGa}$ Thin Film. IEEE Magnetics Letters, 2022, 13, 1-5.	0.6	1
18	Strong temperature-dependent thermoelectric power of IrMn <sub>3</sub> thin films of different thicknesses. Journal Physics D: Applied Physics, 2021, 54, 01LT01.	1.3	0