

# Takashi Kurumaji

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3428400/publications.pdf>

Version: 2024-02-01

23  
papers

1,621  
citations

471061

17  
h-index

676716

22  
g-index

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all docs

23  
docs citations

23  
times ranked

1890  
citing authors

#	ARTICLE	IF	CITATIONS
1	Skyrmion lattice with a giant topological Hall effect in a frustrated triangular-lattice magnet. Science, 2019, 365, 914-918.	6.0	418
2	Skyrmion phase and competing magnetic orders on a breathing kagom� lattice. Nature Communications, 2019, 10, 5831.	5.8	214
3	Shift current photovoltaic effect in a ferroelectric charge-transfer complex. Nature Communications, 2017, 8, 281.	5.8	149
4	N�el-Type Skyrmion Lattice in the Tetragonal Polar Magnet $\text{VOSe}_2\text{O}_5$ . Physical Review Letters, 2017, 119, 237201.	2.9	117
5	Giant thermal Hall effect in multiferroics. Nature Materials, 2017, 16, 797-802.	13.3	91
6	Cupric chloride $\text{CuCl}_2$ induced by domain rearrangement and spin structural change in triangular lattice helimagnets $\text{NiMn}_2\text{O}_4$ and $\text{CoMn}_2\text{O}_4$ . Physical Review Letters, 2011, 106, 167206.	1.1	69
7	Magnetic-Field Induced Competition of Two Multiferroic Orders in a Triangular-Lattice Helimagnet $\text{Mn}_2\text{O}_3$ . Physical Review Letters, 2011, 106, 167206.	1.1	66
8	Topological Nernst Effect of the Two-Dimensional Skyrmion Lattice. Physical Review Letters, 2020, 125, 076602.	2.9	55
9	Doping-Tunable Ferrimagnetic Phase with Large Linear Magnetoelectric Effect in a Polar Magnet $\text{Fe}_2\text{O}_3$ . Physical Review X, 2015, 5, .	11.2	151
10	Current-Induced Nucleation and Annihilation of Magnetic Skyrmions at Room Temperature in a Chiral Magnet. Advanced Materials, 2017, 29, 1606178.	11.1	53
11	Diagonal magnetoelectric susceptibility and effect of Fe doping in the polar ferrimagnet $\text{Mn}_2\text{O}_3$ . Physical Review B, 2017, 95, .	1.1	42
12	High-field depinned phase and planar Hall effect in the skyrmion host $\text{Gd}_2\text{O}_3$ . Physical Review B, 2020, 101, .	1.1	42
13	Multiferroicity in $\text{NiBr}_2$ with long-wavelength cycloidal spin structure on a triangular lattice. Physical Review B, 2011, 84, .	1.1	38
14	Optical Magnetoelectric Resonance in a Polar Magnet $\text{Fe}_2\text{O}_3$ . Physical Review Letters, 2017, 119, 077206.	2.9	37
15	Electromagnon resonance in a collinear spin state of the polar antiferromagnet $\text{Fe}_2\text{O}_3$ . Physical Review B, 2017, 95, .	1.1	29
16	Optical Magnetoelectric Resonance in a Polar Magnet $\text{Fe}_2\text{O}_3$ and Fe subsystems in the noncentrosymmetric antiferromagnets $\text{R}_2\text{O}_3$ . Physical Review B, 2017, 95, .	1.1	29
17	Optical Magnetoelectric Resonance in a Polar Magnet $\text{Fe}_2\text{O}_3$ and Fe subsystems in the noncentrosymmetric antiferromagnets $\text{R}_2\text{O}_3$ . Physical Review B, 2017, 95, .	1.1	29

