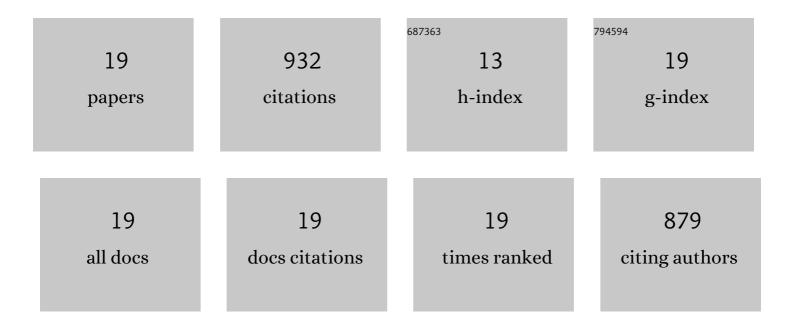
## Weichao Yu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/801874/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Auxiliary Mode Mediated Coherent and Complex Couplings in a Cavity Magnonic System. Annalen Der Physik, 2022, 534, .	2.4	2
2	Magnetization dynamics affected by phonon pumping. Physical Review B, 2022, 106, .	3.2	13
3	Geometric magnonics with chiral magnetic domain walls. Physical Review B, 2021, 103, .	3.2	8
4	Dynamic magnetoelastic boundary conditions and the pumping of phonons. Physical Review B, 2021, 104, .	3.2	12
5	The 2021 Magnonics Roadmap. Journal of Physics Condensed Matter, 2021, 33, 413001.	1.8	287
6	Hopfield neural network in magnetic textures with intrinsic Hebbian learning. Physical Review B, 2021, 104, .	3.2	6
7	Non-reciprocal Pumping of Surface Acoustic Waves by Spin Wave Resonance. Journal of the Physical Society of Japan, 2020, 89, 113702.	1.6	14
8	Circulating cavity magnon polaritons. Physical Review B, 2020, 102, .	3.2	19
9	Magnetic Logic Gate Based on Polarized Spin Waves. Physical Review Applied, 2020, 13, .	3.8	56
10	Loop theory for input-output problems in cavities. Physical Review A, 2020, 101, .	2.5	5
11	Topological spin Hall effects and tunable skyrmion Hall effects in uniaxial antiferromagnetic insulators. Physical Review B, 2019, 99, .	3.2	39
12	Prediction of Attractive Level Crossing via a Dissipative Mode. Physical Review Letters, 2019, 123, 227201.	7.8	81
13	Nonabelian magnonics in antiferromagnets. Physical Review B, 2018, 98, .	3.2	38
14	Polarization-selective spin wave driven domain-wall motion in antiferromagnets. Physical Review B, 2018, 98, .	3.2	35
15	Unexpected Intermediate State Photoinduced in the Metal-Insulator Transition of Submicrometer Phase-Separated Manganites. Physical Review Letters, 2018, 120, 267202.	7.8	22
16	Antiferromagnetic domain wall as spin wave polarizer and retarder. Nature Communications, 2017, 8, 178.	12.8	89
17	Magnetic Snell's law and spin-wave fiber with Dzyaloshinskii-Moriya interaction. Physical Review B, 2016, 94, .	3.2	57
18	Emerging single-phase state in small manganite nanodisks. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9228-9231.	7.1	18

#	Article	IF	CITATIONS
19	Spin-Wave Diode. Physical Review X, 2015, 5, .	8.9	131