

Yabin Fan

List of Publications by Year in descending order

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7
papers

166
citations

1478505

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1720034

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all docs

7
docs citations

7
times ranked

334
citing authors

#	ARTICLE	IF	CITATIONS
1	Birefringence-like spin transport via linearly polarized antiferromagnetic magnons. Nature Nanotechnology, 2020, 15, 563-568.	31.5	85
2	Manipulation of Coupling and Magnon Transport in Magnetic Metal-Insulator Hybrid Structures. Physical Review Applied, 2020, 13, .	3.8	31
3	Variable spin-charge conversion across metal-insulator transition. Nature Communications, 2020, 11, 476.	12.8	16
4	Resonant Spin Transmission Mediated by Magnons in a Magnetic Insulator Multilayer Structure. Advanced Materials, 2021, 33, e2008555.	21.0	13
5	Nonreciprocal Transmission of Incoherent Magnons with Asymmetric Diffusion Length. Nano Letters, 2021, 21, 7037-7043.	9.1	13
6	Magnetism and spin transport in platinum/scandium-substituted terbium iron garnet heterostructures. Physical Review Materials, 2021, 5, .	2.4	7
7	Electrical manipulation of spin pumping signal through nonlocal thermal magnon transport. Applied Physics Letters, 2019, 115, .	3.3	1