

Yabin Fan

List of Publications by Year in descending order

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1478505

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334
citing authors

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