

Tobias Wimmer

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

263
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

465
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnon-based logic in a multi-terminal YIG/Pt nanostructure. Applied Physics Letters, 2016, 109, .	3.3	74
2	Spin Transport in a Magnetic Insulator with Zero Effective Damping. Physical Review Letters, 2019, 123, 257201.	7.8	54
3	Observation of Antiferromagnetic Magnon Pseudospin Dynamics and the Hanle Effect. Physical Review Letters, 2020, 125, 247204.	7.8	46
4	Temperature dependence of the non-local spin Seebeck effect in YIG/Pt nanostructures. AIP Advances, 2017, 7, .	1.3	27
5	Antiferromagnetic magnon pseudospin: Dynamics and diffusive transport. Physical Review B, 2020, 102, .	3.2	17
6	Role of interface quality for the spin Hall magnetoresistance in nickel ferrite thin films with bulk-like magnetic properties. Applied Physics Letters, 2019, 115, .	3.3	16
7	Anomalous spin Hall angle of a metallic ferromagnet determined by a multiterminal spin injection/detection device. Applied Physics Letters, 2019, 115, .	3.3	9
8	Quantitative comparison of magnon transport experiments in three-terminal YIG/Pt nanostructures acquired via dc and ac detection techniques. Applied Physics Letters, 2020, 117, 182401.	3.3	6
9	Magnon transport in $Y_{3-x}O_x/Pt$ nanostructures with reduced effective magnetization. Physical Review B, 2021, 104, .		
10	Influence of low-energy magnons on magnon Hanle experiments in easy-plane antiferromagnets. Physical Review B, 2022, 105, .	3.2	6
11	Low-temperature suppression of the spin Nernst angle in Pt. Physical Review B, 2021, 104, .	3.2	2