

Jing Xu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

629
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

942
citing authors

#	ARTICLE	IF	CITATIONS
1	Rewritable artificial magnetic charge ice. <i>Science</i> , 2016, 352, 962-966.	12.6	122
2	Strong Coupling between Magnons and Microwave Photons in On-Chip Ferromagnet-Superconductor Thin-Film Devices. <i>Physical Review Letters</i> , 2019, 123, 107701.	7.8	121
3	Experimental Observation of an Exceptional Surface in Synthetic Dimensions with Magnon Polaritons. <i>Physical Review Letters</i> , 2019, 123, 237202.	7.8	112
4	Switchable geometric frustration in an artificial-spin-iceâ€“superconductor heterosystem. <i>Nature Nanotechnology</i> , 2018, 13, 560-565.	31.5	50
5	Origin of the extremely large magnetoresistance in the semimetal YSb. <i>Physical Review B</i> , 2017, 96, .	3.2	49
6	Floquet Cavity Electromagnonics. <i>Physical Review Letters</i> , 2020, 125, 237201.	7.8	39
7	Separation of electron and hole dynamics in the semimetal LaSb. <i>Physical Review B</i> , 2017, 96, .	3.2	37
8	Negative longitudinal magnetoresistance in gallium arsenide quantum wells. <i>Nature Communications</i> , 2019, 10, 287.	12.8	18
9	Orbital-flop Induced Magnetoresistance Anisotropy in Rare Earth Monopnictide CeSb. <i>Nature Communications</i> , 2019, 10, 2875.	12.8	17
10	Coherent Gate Operations in Hybrid Magnonics. <i>Physical Review Letters</i> , 2021, 126, 207202.	7.8	16
11	Extended Kohlerâ€™s Rule of Magnetoresistance. <i>Physical Review X</i> , 2021, 11, .	8.9	16
12	Coherent Pulse Echo in Hybrid Magnonics with Multimode Phonons. <i>Physical Review Applied</i> , 2021, 16, .	3.8	11
13	Magnetization-governed magnetoresistance anisotropy in the topological semimetal CeBi. <i>Physical Review B</i> , 2019, 100, .	3.2	10
14	Reentrant metallic behavior in the Weyl semimetal NbP. <i>Physical Review B</i> , 2017, 96, .	3.2	5
15	Reconfigurable Pinwheel Artificial-Spin-Ice and Superconductor Hybrid Device. <i>Nano Letters</i> , 2020, 20, 8933-8939.	9.1	5
16	Non-Ohmic negative longitudinal magnetoresistance in a two-dimensional electron gas. <i>Physical Review B</i> , 2021, 103, .	3.2	1