

Min Jiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5719965/publications.pdf>

Version: 2024-02-01

17
papers

326
citations

840776

11
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for axion-like dark matter with spin-based amplifiers. <i>Nature Physics</i> , 2021, 17, 1402-1407.	16.7	47
2	Experimental benchmarking of quantum control in zero-field nuclear magnetic resonance. <i>Science Advances</i> , 2018, 4, eaar6327.	10.3	36
3	Floquet maser. <i>Science Advances</i> , 2021, 7, .	10.3	36
4	Search for exotic spin-dependent interactions with a spin-based amplifier. <i>Science Advances</i> , 2021, 7, eabi9535.	10.3	31
5	Nuclear-Spin Comagnetometer Based on a Liquid of Identical Molecules. <i>Physical Review Letters</i> , 2018, 121, 023202.	7.8	30
6	Experimental quantum simulation of superradiant phase transition beyond no-go theorem via antisqueezing. <i>Nature Communications</i> , 2021, 12, 6281.	12.8	23
7	Magnetic Gradiometer for the Detection of Zero- to Ultralow-Field Nuclear Magnetic Resonance. <i>Physical Review Applied</i> , 2019, 11, .	3.8	22
8	Experimental critical quantum metrology with the Heisenberg scaling. <i>Npj Quantum Information</i> , 2021, 7, .	6.7	16
9	Universal quantum control in zero-field nuclear magnetic resonance. <i>Physical Review A</i> , 2017, 95, .	2.5	14
10	Interference in Atomic Magnetometry. <i>Advanced Quantum Technologies</i> , 2020, 3, 2000078.	3.9	14
11	Floquet Spin Amplification. <i>Physical Review Letters</i> , 2022, 128, .	7.8	13
12	Zero- to ultralow-field nuclear magnetic resonance and its applications. <i>Fundamental Research</i> , 2021, 1, 68-84.	3.3	12
13	Numerical optimal control of spin systems at zero magnetic field. <i>Physical Review A</i> , 2018, 97, .	2.5	11
14	Time-optimal control of independent spin-1/2 systems under simultaneous control. <i>Physical Review A</i> , 2018, 98, .	2.5	7
15	Determining an n -qubit state by a single apparatus through a pairwise interaction. <i>Physical Review A</i> , 2014, 89, .	2.5	6
16	Collision-Sensitive Spin Noise. <i>Physical Review Applied</i> , 2022, 17, .	3.8	5
17	Feedback control for manipulating magnetization in spin-exchange optical pumping system. <i>Science China: Physics, Mechanics and Astronomy</i> , 2018, 61, 1.	5.1	3