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	Collision-Sensitive Spin Noise. Physical Review Applied, 2022, 17, .	3.8	5
2	Floquet Spin Amplification. Physical Review Letters, 2022, 128, .	7.8	13
3	Zero- to ultralow-field nuclear magnetic resonance and its applications. Fundamental Research, 2021, 1, 68-84.	3.3	12
4	Floquet maser. Science Advances, 2021, 7, .	10.3	36
5	Experimental quantum simulation of superradiant phase transition beyond no-go theorem via antisqueezing. Nature Communications, 2021, 12, 6281.	12.8	23
6	Search for axion-like dark matter with spin-based amplifiers. Nature Physics, 2021, 17, 1402-1407.	16.7	47
7	Search for exotic spin-dependent interactions with a spin-based amplifier. Science Advances, 2021, 7, eabi9535.	10.3	31
8	Experimental critical quantum metrology with the Heisenberg scaling. Npj Quantum Information, 2021, 7, .	6.7	16
9	Interference in Atomic Magnetometry. Advanced Quantum Technologies, 2020, 3, 2000078.	3.9	14
10	Magnetic Gradiometer for the Detection of Zero- to Ultralow-Field Nuclear Magnetic Resonance. Physical Review Applied, 2019, 11, .	3.8	22
11	Time-optimal control of independent spin-1/2 systems under simultaneous control. Physical Review A, 2018, 98, .	2.5	7
12	Nuclear-Spin Comagnetometer Based on a Liquid of Identical Molecules. Physical Review Letters, 2018, 121, 023202.	7.8	30
13	Feedback control for manipulating magnetization in spin-exchange optical pumping system. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	3
14	Experimental benchmarking of quantum control in zero-field nuclear magnetic resonance. Science Advances, 2018, 4, eaar6327.	10.3	36
15	Numerical optimal control of spin systems at zero magnetic field. Physical Review A, 2018, 97, .	2.5	11
16	Universal quantum control in zero-field nuclear magnetic resonance. Physical Review A, 2017, 95, .	2.5	14
17	Determining an<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>n</mml:mi></mml:math>-qubit state by a single apparatus through a pairwise interaction. Physical Review A, 2014, 89, .	2.5	6