

Jonathan Zopes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9526175/publications.pdf>

Version: 2024-02-01

10
papers

445
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

576
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum sensing with arbitrary frequency resolution. <i>Science</i> , 2017, 356, 837-840.	12.6	201
2	Tracking the precession of single nuclear spins by weak measurements. <i>Nature</i> , 2019, 571, 230-233.	27.8	70
3	A quantum spectrum analyzer enhanced by a nuclear spin memory. <i>Npj Quantum Information</i> , 2017, 3, .	6.7	48
4	Three-dimensional localization spectroscopy of individual nuclear spins with sub-Angstrom resolution. <i>Nature Communications</i> , 2018, 9, 4678.	12.8	35
5	Three-Dimensional Nuclear Spin Positioning Using Coherent Radio-Frequency Control. <i>Physical Review Letters</i> , 2018, 121, 170801.	7.8	25
6	Coherent control of solid state nuclear spin nano-ensembles. <i>Npj Quantum Information</i> , 2018, 4, .	6.7	22
7	High-Resolution Quantum Sensing with Shaped Control Pulses. <i>Physical Review Letters</i> , 2017, 119, 260501.	7.8	19
8	Parallel detection and spatial mapping of large nuclear spin clusters. <i>Nature Communications</i> , 2022, 13, 1260.	12.8	13
9	Reconstruction-Free Quantum Sensing of Arbitrary Waveforms. <i>Physical Review Applied</i> , 2019, 12, .	3.8	6
10	Broadband radio-frequency transmitter for fast nuclear spin control. <i>Review of Scientific Instruments</i> , 2020, 91, 113106.	1.3	6