

Joseph W Britton

List of Publications by Year in descending order

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14
papers

1,545
citations

1040056

9
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

1918
citing authors

#	ARTICLE	IF	CITATIONS
1	Stroboscopic approach to trapped-ion quantum information processing with squeezed phonons. Physical Review A, 2019, 100, .	2.5	7
2	Trapped Ion Quantum Information Processing with Squeezed Phonons. Physical Review Letters, 2019, 122, 030501.	7.8	58
3	Stroboscopic approach to trapped-ion quantum information processing with squeezed phonons. Physical Review A, 2019, 100, .	2.5	0
4	Perpendicular laser cooling with a rotating-wall potential in a Penning trap. Physical Review A, 2016, 93, .	2.5	9
5	Quantum spin dynamics and entanglement generation with hundreds of trapped ions. Science, 2016, 352, 1297-1301.	12.6	369
6	Reversing hydride-ion formation in quantum-information experiments with Be^{10} . Physical Review A, 2015, 91, .	2.5	18
7	Spin dephasing as a probe of mode temperature, motional state distributions, and heating rates in a two-dimensional ion crystal. Physical Review A, 2014, 89, .	2.5	23
8	The Atacama Cosmology Telescope: CMB polarization at 200 <math>\mu\text{m}</math> and 9000. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 007-007.	5.4	121
9	Quantum simulation and many-body physics with hundreds of trapped ions. , 2013, , .		0
10	Spectroscopy and Thermometry of Drumhead Modes in a Mesoscopic Trapped-Ion Crystal Using Entanglement. Physical Review Letters, 2012, 108, 213003.	7.8	49
11	Engineered two-dimensional Ising interactions in a trapped-ion quantum simulator with hundreds of spins. Nature, 2012, 484, 489-492.	27.8	722
12	An 84 Pixel All-Silicon Corrugated Feedhorn for CMB Measurements. Journal of Low Temperature Physics, 2012, 167, 522-527.	1.4	28
13	Ions on a needle's tip - Traps with enhanced optical and physical access. , 2009, , .		0
14	Stylus ion trap for enhanced access and sensing. Nature Physics, 2009, 5, 551-554.	16.7	141