

James D Siverns

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

212
citations

1040056

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1372567

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g-index

11
all docs

11
docs citations

11
times ranked

263
citing authors

#	ARTICLE	IF	CITATIONS
1	On the application of radio frequency voltages to ion traps via helical resonators. Applied Physics B: Lasers and Optics, 2012, 107, 921-934.	2.2	62
2	Versatile ytterbium ion trap experiment for operation of scalable ion-trap chips with motional heating and transition-frequency measurements. Physical Review A, 2011, 83, .	2.5	39
3	Ion trap architectures and new directions. Quantum Information Processing, 2017, 16, 1.	2.2	19
4	Quantum Interference between Photons from an Atomic Ensemble and a Remote Atomic Ion. Physical Review Letters, 2019, 123, 213601.	7.8	19
5	Neutral-Atom Wavelength-Compatible 780 nm Single Photons from a Trapped Ion via Quantum Frequency Conversion. Physical Review Applied, 2019, 11, .	3.8	18
6	Ion-photon entanglement and quantum frequency conversion with trapped Ba ⁺ ions. Applied Optics, 2017, 56, B222.	2.1	17
7	C-band single photons from a trapped ion via two-stage frequency conversion. Applied Physics Letters, 2021, 119, .	3.3	13
8	Demonstration of slow light in rubidium vapor using single photons from a trapped ion. Science Advances, 2019, 5, eaav4651.	10.3	12
9	Optimization of two-dimensional ion trap arrays for quantum simulation. New Journal of Physics, 2012, 14, 085009.	2.9	9
10	Improving entanglement generation rates in trapped-ion quantum networks using nondestructive photon measurement and storage. Physical Review A, 2021, 103, .	2.5	4
11	Ion-photon entanglement and quantum frequency conversion with trapped Ba ⁺ ions: publisher's note. Applied Optics, 2017, 56, 2141.	2.1	0