

# James D Siverns

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1443416/publications.pdf>

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