

Daniel Stick

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

539
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

457
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion trap in a semiconductor chip. Nature Physics, 2006, 2, 36-39.	16.7	194
2	Planar ion trap geometry for microfabrication. Applied Physics B: Lasers and Optics, 2004, 78, 639-651.	2.2	77
3	Design, fabrication and experimental demonstration of junction surface ion traps. New Journal of Physics, 2011, 13, 075018.	2.9	75
4	Demonstration of a scalable, multiplexed ion trap for quantum information processing. Quantum Information and Computation, 2009, 9, 901-919.	0.3	44
5	Heating rate and electrode charging measurements in a scalable, microfabricated, surface-electrode ion trap. Applied Physics B: Lasers and Optics, 2012, 107, 913-919.	2.2	40
6	Heating rates and ion-motion control in a γ -junction surface-electrode trap. Physical Review A, 2014, 89, .	2.5	40
7	Assembling a Ring-Shaped Crystal in a Microfabricated Surface Ion Trap. Physical Review Applied, 2015, 4, .	3.8	29
8	Integrated Optical Addressing of a Trapped Ytterbium Ion. Physical Review X, 2021, 11, .	8.9	19
9	Hybrid MEMS-CMOS ion traps for NISQ computing. Quantum Science and Technology, 2021, 6, 034011.	5.8	10
10	Closed-loop optimization of fast trapped-ion shuttling with sub-quanta excitation. Npj Quantum Information, 2022, 8, .	6.7	8
11	Entangling-gate error from coherently displaced motional modes of trapped ions. Physical Review A, 2022, 105, .	2.5	2
12	ION TRAP NETWORKING: COLD, FAST, AND SMALL. , 2005, , .		1