

Brian Neyenhuis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3119892/publications.pdf>

Version: 2024-02-01

12
papers

1,677
citations

759233

12
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1864
citing authors

#	ARTICLE	IF	CITATIONS
1	Many-body localization in a quantum simulator with programmable random disorder. Nature Physics, 2016, 12, 907-911.	16.7	657
2	Efficient state transfer in an ultracold dense gas of heteronuclear molecules. Nature Physics, 2008, 4, 622-626.	16.7	258
3	Demonstration of the trapped-ion quantum CCD computer architecture. Nature, 2021, 592, 209-213.	27.8	240
4	Observation of prethermalization in long-range interacting spin chains. Science Advances, 2017, 3, e1700672.	10.3	114
5	Realization of Real-Time Fault-Tolerant Quantum Error Correction. Physical Review X, 2021, 11, .	8.9	100
6	Anisotropic Polarizability of Ultracold Polar K Molecules. Physical Review Letters, 2012, 109, 230403.	7.8	85
7	Active stabilization of ion trap radiofrequency potentials. Review of Scientific Instruments, 2016, 87, 053110.	1.3	52
8	Quantum control of qubits and atomic motion using ultrafast laser pulses. Applied Physics B: Lasers and Optics, 2014, 114, 45-61.	2.2	46
9	Ultrafast creation of large Schrödinger cat states of an atom. Nature Communications, 2017, 8, 697.	12.8	43
10	Engineering large Stark shifts for control of individual clock state qubits. Physical Review A, 2016, 94, .	2.5	29
11	Non-thermalization in trapped atomic ion spin chains. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20170107.	3.4	29
12	High-resolution adaptive imaging of a single atom. Nature Photonics, 2016, 10, 606-610.	31.4	24