

Brian DeMarco

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3731960/publications.pdf>

Version: 2024-02-01

14
papers

619
citations

1040056

9
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

834
citing authors

#	ARTICLE	IF	CITATIONS
1	A high-accuracy algorithm for designing arbitrary holographic atom traps. Optics Express, 2008, 16, 2176.	3.4	154
2	Quantum Quench of an Atomic Mott Insulator. Physical Review Letters, 2011, 106, 235304.	7.8	149
3	Quantum Computer Systems for Scientific Discovery. PRX Quantum, 2021, 2, .	9.2	142
4	Probing the Bose glassâ€“superfluid transition using quantum quenches of disorder. Nature Physics, 2016, 12, 646-649.	16.7	70
5	Framework for simulating gauge theories with dipolar spin systems. Physical Review A, 2020, 102, .	2.5	28
6	Evolution of condensate fraction during rapid lattice ramps. Physical Review A, 2012, 85, .	2.5	16
7	Slow Thermalization between a Lattice and Free Bose Gas. Physical Review Letters, 2013, 111, 063002.	7.8	16
8	Velocity-selective electromagnetically-induced-transparency measurements of potassium Rydberg states. Physical Review A, 2016, 93, .	2.5	16
9	Correlated spin-flip tunneling in a Fermi lattice gas. Physical Review A, 2018, 98, .	2.5	12
10	Metastable Bose-Einstein condensation in a strongly correlated optical lattice. Physical Review A, 2015, 91, .	2.5	8
11	Nondestructive dispersive imaging of rotationally excited ultracold molecules. Physical Chemistry Chemical Physics, 2020, 22, 20531-20544.	2.8	6
12	An Atomic View of Quantum Phase Transitions. Science, 2010, 329, 523-524.	12.6	2
13	An algorithm for designing high-accuracy arbitrary holographic atom traps. Proceedings of SPIE, 2008, , .	0.8	0
14	Quantifying entanglement in cluster states built with error-prone interactions. Physical Review Research, 2021, 3, .	3.6	0