

# Brian DeMarco

## List of Publications by Year in descending order

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

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14  
papers

619  
citations

1040056

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1199594

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g-index

14  
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14  
docs citations

14  
times ranked

834  
citing authors

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