

# Ryan M Wilson

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

680  
citations

759233

12  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

438  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bogoliubov theory of a Bose-Einstein condensate of rigid rotor molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 205302.	1.5	0
2	Dissipation-induced dipole blockade and antiblockade in driven Rydberg systems. Physical Review A, 2018, 97, .	2.5	29
3	Gutzwiller Monte Carlo approach for a critical dissipative spin model. Physical Review A, 2018, 97, .	2.5	23
4	Collective phases of strongly interacting cavity photons. Physical Review A, 2016, 94, .	2.5	45
5	Anomalous supersolidity in a weakly interacting dipolar Bose mixture on a square lattice. Physical Review A, 2016, 93, .	2.5	7
6	Beliaev damping in quasi-two-dimensional dipolar condensates. Physical Review A, 2016, 93, .	2.5	6
7	Two-state Bogoliubov theory of a molecular Bose gas. Physical Review A, 2015, 92, .	2.5	1
8	Spin Waves and Dielectric Softening of Polar Molecule Condensates. Physical Review Letters, 2014, 112, 135301.	7.8	3
9	Half-Quantum Vortex Molecules in a Binary Dipolar Bose Gas. Physical Review Letters, 2014, 113, 165301.	7.8	30
10	Geometric stability spectra of dipolar Bose gases in tunable optical lattices. Physical Review A, 2013, 88, .	2.5	11
11	Stability spectroscopy of rotons in a dipolar Bose gas. Physical Review A, 2013, 87, .	2.5	16
12	Landau damping in a collisionless dipolar Bose gas. Physical Review A, 2013, 88, .	2.5	21
13	A dielectric superfluid of polar molecules. New Journal of Physics, 2012, 14, 043018.	2.9	11
14	Roton immiscibility in a two-component dipolar Bose gas. Physical Review A, 2012, 86, .	2.5	62
15	Anisotropic Superfluidity in a Dipolar Bose Gas. Physical Review Letters, 2011, 106, 065301.	7.8	125
16	Critical Superfluid Velocity in a Trapped Dipolar Gas. Physical Review Letters, 2010, 104, 094501.	7.8	55
17	Angular collapse of dipolar Bose-Einstein condensates. Physical Review A, 2009, 80, .	2.5	59
18	Stability and excitations of a dipolar Bose-Einstein condensate with a vortex. Physical Review A, 2009, 79, .	2.5	43

#	ARTICLE	IF	CITATIONS
19	Manifestations of the Roton Mode in Dipolar Bose-Einstein Condensates. Physical Review Letters, 2008, 100, 245302.	7.8	133