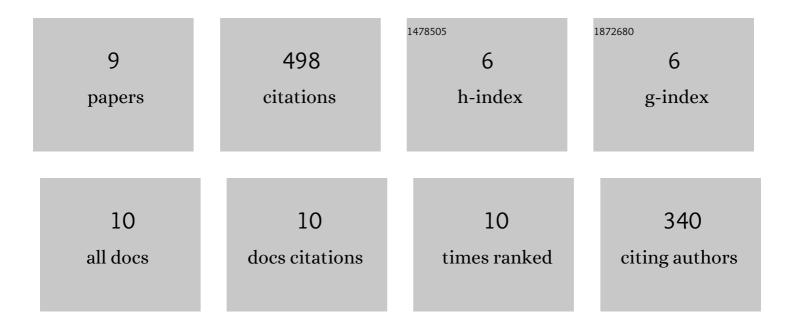
## **Robert J Bettles**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/571330/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Enhanced Optical Cross Section via Collective Coupling of Atomic Dipoles in a 2D Array. Physical Review Letters, 2016, 116, 103602.	7.8	169
2	Topological properties of a dense atomic lattice gas. Physical Review A, 2017, 96, .	2.5	81
3	Cooperative ordering in lattices of interacting two-level dipoles. Physical Review A, 2015, 92, .	2.5	71
4	Absolute absorption on the rubidium D <sub>1</sub> line including resonant dipole–dipole interactions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 195006.	1.5	70
5	Cooperative eigenmodes and scattering in one-dimensional atomic arrays. Physical Review A, 2016, 94, .	2.5	69
6	Quantum and nonlinear effects in light transmitted through planar atomic arrays. Communications Physics, 2020, 3, .	5.3	38
7	Eigenmodes in a Two-Dimensional Atomic Monolayer. Springer Theses, 2017, , 109-119.	0.1	0
8	One-Dimensional Atom Array. Springer Theses, 2017, , 89-105.	0.1	0
9	Extinction in a Two-Dimensional Atomic Monolayer. Springer Theses, 2017, , 121-140.	0.1	0