

# Azure Hansen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8238743/publications.pdf>

Version: 2024-02-01

18  
papers

372  
citations

1163117

8  
h-index

1372567

10  
g-index

18  
all docs

18  
docs citations

18  
times ranked

410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Creation and Detection of Skyrmions in a Bose-Einstein Condensate. Physical Review Letters, 2009, 103, 250401.	7.8	159
2	Sculpting the Vortex State of a Spinor BEC. Physical Review Letters, 2009, 102, 030405.	7.8	86
3	Single-Source Multiaxis Cold-Atom Interferometer in a Centimeter-Scale Cell. Physical Review Applied, 2019, 12, .	3.8	32
4	Singular atom optics with spinor Bose-Einstein condensates. Optica, 2016, 3, 355.	9.3	21
5	General Methods for Suppressing the Light Shift in Atomic Clocks Using Power Modulation. Physical Review Applied, 2020, 14, .	3.8	21
6	A Raman waveplate for spinor Bose-Einstein condensates. Optics Letters, 2014, 39, 4271.	3.3	20
7	Creating full-Bloch Bose-Einstein condensates with Raman $\sigma$ -plates. Journal of Optics (United Kingdom), 2019, 22, 0784314.	2.2	13
8	Raman fingerprints on the Bloch sphere of a spinor Bose-Einstein condensate. Journal of Modern Optics, 2016, 63, 1759-1767.	1.3	9
9	Inhomogeneous light shifts of coherent population trapping resonances. Applied Physics Letters, 2022, 120, .	3.3	5
10	Robust inertial sensing with point-source atom interferometry for interferograms spanning a partial period. Optics Express, 2020, 28, 34516.	3.4	3
11	Rotating a Bose-Einstein condensate using photons with orbital angular momentum. , 2006, 6326, 15.		1
12	Full Bloch Bose-Einstein Condensates. , 2012, , .		1
13	Measuring the Gouy Phase of Matter Waves Using Full Bloch Bose-Einstein Condensates. , 2013, , .		1
14	Transfer and Storage of Optical Information in a Spinor Bose-Einstein Condensate. , 2010, , .		0
15	Imaging Stokes Parameters of Spinor BECs. , 2013, , .		0
16	Spin Textures and Topological Excitations in Spinor $^{87}\text{Rb}$ Bose-Einstein Condensates. , 2013, , .		0
17	Creating $\sim$ Optics $^{\text{TM}}$ for Singular Atom Optics with Spinor Bose-Einstein condensates. , 2016, , .		0
18	Line shape of the coherent population trapping resonance in the case of a Gaussian spatial profile of a light beam. Quantum Electronics, 2022, 52, 105-107.	1.0	0