

# Wei Zheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10928853/publications.pdf>

Version: 2024-02-01

8  
papers

341  
citations

1307594

7  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

338  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental determination of the finite-temperature phase diagram of a spin-orbit coupled Bose gas. <i>Nature Physics</i> , 2014, 10, 314-320.	16.7	150
2	Properties of Bose gases with the Raman-induced spin-orbit coupling. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013, 46, 134007.	1.5	76
3	Collective modes of a spin-orbit-coupled Bose-Einstein condensate: A hydrodynamic approach. <i>Physical Review A</i> , 2012, 85, .	2.5	36
4	Strong Interaction Effects and Criticality of Bosons in Shaken Optical Lattices. <i>Physical Review Letters</i> , 2014, 113, 155303.	7.8	29
5	Quasiparticle Lifetime in a Mixture of Bose and Fermi Superfluids. <i>Physical Review Letters</i> , 2014, 113, 265304.	7.8	25
6	Landau damping in a mixture of Bose and Fermi superfluids. <i>Physical Review A</i> , 2015, 92, .	2.5	11
7	Quantum phase transition of bosons in a shaken optical lattice. <i>Physical Review A</i> , 2015, 91, .	2.5	9
8	Density-dependent spin-orbit coupling in degenerate quantum gases. <i>Physical Review A</i> , 2021, 103, .	2.5	5