

Giovanni I Martone

List of Publications by Year in descending order

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papers

589
citations

840776

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docs citations

16
times ranked

358
citing authors

#	ARTICLE	IF	CITATIONS
1	Superstripes and the Excitation Spectrum of a Spin-Orbit-Coupled Bose-Einstein Condensate. <i>Physical Review Letters</i> , 2013, 110, 235302.	7.8	178
2	Anisotropic dynamics of a spin-orbit-coupled Bose-Einstein condensate. <i>Physical Review A</i> , 2012, 86, .	2.5	125
3	Tricriticalities and Quantum Phases in Spin-Orbit-Coupled Spin-1 Bose Gases. <i>Physical Review Letters</i> , 2016, 117, 125301.	7.8	67
4	Sum rules, dipole oscillation and spin polarizability of a spin-orbit coupled quantum gas. <i>Europhysics Letters</i> , 2012, 99, 56008.	2.0	58
5	Approach for making visible and stable stripes in a spin-orbit-coupled Bose-Einstein superfluid. <i>Physical Review A</i> , 2014, 90, .	2.5	54
6	SPIN-ORBIT-COUPLED BOSE-EINSTEIN CONDENSATES. <i>Annual Review of Cold Atoms and Molecules</i> , 2015, , 201-250.	2.8	21
7	Exciting the Goldstone Modes of a Supersolid Spin-Orbit-Coupled Bose Gas. <i>Physical Review Letters</i> , 2021, 127, 115301.	7.8	15
8	Visibility and stability of superstripes in a spin-orbit-coupled Bose-Einstein condensate. <i>European Physical Journal: Special Topics</i> , 2015, 224, 553-563.	2.6	12
9	Optical-lattice-assisted magnetic phase transition in a spin-orbit-coupled Bose-Einstein condensate. <i>Physical Review A</i> , 2016, 94, .	2.5	12
10	Momentum distribution and coherence of a weakly interacting Bose gas after a quench. <i>Physical Review A</i> , 2018, 98, .	2.5	12
11	Supersolidity of cnoidal waves in an ultracold Bose gas. <i>Physical Review Research</i> , 2021, 3, .	3.6	12
12	Supersolid phase of a spin-orbit-coupled Bose-Einstein condensate: A perturbation approach. <i>SciPost Physics</i> , 2021, 11, .	4.9	7
13	Quantum Phases and Collective Excitations of a Spin-Orbit-Coupled Bose-Einstein Condensate in a One-Dimensional Optical Lattice. <i>Journal of Low Temperature Physics</i> , 2017, 189, 262-275.	1.4	6
14	Drag Force and Superfluidity in the Supersolid Stripe Phase of a Spin-Orbit-Coupled Bose-Einstein Condensate. <i>Journal of Experimental and Theoretical Physics</i> , 2018, 127, 865-876.	0.9	4
15	Spin-orbit-coupled fluids of light in bulk nonlinear media. <i>Physical Review A</i> , 2021, 104, .	2.5	4
16	Symmetry Reductions of the Skyrme-Faddeev Model. <i>Acta Applicandae Mathematicae</i> , 2012, 122, 323.	1.0	2