

Vladimir

List of Publications by Year in descending order

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11
papers

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citations

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221
citing authors

#	ARTICLE	IF	CITATIONS
1	Collisions, correlations, and integrability in atom waveguides. <i>Advances in Atomic, Molecular and Optical Physics</i> , 2008, 55, 61-138.	2.3	88
2	Creation and Characterization of Matter-Wave Breathers. <i>Physical Review Letters</i> , 2020, 125, 183902.	7.8	37
3	Dissociation of One-Dimensional Matter-Wave Breathers due to Quantum Many-Body Effects. <i>Physical Review Letters</i> , 2017, 119, 220401.	7.8	24
4	Quantum Fluctuations of the Center of Mass and Relative Parameters of Nonlinear Schrödinger Breathers. <i>Physical Review Letters</i> , 2020, 125, 050405.	7.8	21
5	Channel Interference in Optical Collisions of Cold Atom Beams. <i>Journal of Physical Chemistry A</i> , 1998, 102, 9476-9481.	2.5	17
6	Splitting of nonlinear-Schrödinger-equation breathers by linear and nonlinear localized potentials. <i>Physical Review A</i> , 2019, 99, .	2.5	17
7	Permutation Symmetry in Spinor Quantum Gases: Selection Rules, Conservation Laws, and Correlations. <i>Physical Review Letters</i> , 2014, 113, 200406.	7.8	14
8	Molecular spectra in collective Dicke states. <i>Physical Review A</i> , 2016, 94, .	2.5	9
9	Dynamics of Relaxation and Fluctuations of the Equilibrium State in an Incompletely Chaotic System. <i>Journal of Physical Chemistry B</i> , 2011, 115, 5340-5346.	2.6	7
10	On spin wavefunctions and young orthogonal matrices. <i>International Journal of Quantum Chemistry</i> , 2013, 113, 1436-1439.	2.0	6
11	Phase Transitions in Definite Total Spin States of Two-Component Fermi Gases. <i>Physical Review Letters</i> , 2017, 118, 200403.	7.8	3