

Jan Stockhofe

List of Publications by Year in descending order

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16
papers

221
citations

1039406

9
h-index

996533

15
g-index

16
all docs

16
docs citations

16
times ranked

154
citing authors

#	ARTICLE	IF	CITATIONS
1	Vortex-“bright-soliton dipoles: Bifurcations, symmetry breaking, and soliton tunneling in a vortex-induced double well. <i>Physical Review A</i> , 2012, 86, .	1.0	40
2	Bloch dynamics in lattices with long-range hopping. <i>Physical Review A</i> , 2015, 91, .	1.0	24
3	Classical scattering of charged particles confined on an inhomogeneous helix. <i>Physical Review E</i> , 2013, 88, 043202.	0.8	20
4	Generating, dragging, and releasing dark solitons in elongated Bose-Einstein condensates. <i>Physical Review A</i> , 2015, 92, .	1.0	17
5	Dark-bright soliton interactions beyond the integrable limit. <i>Physical Review A</i> , 2017, 95, .	1.0	16
6	Nonadiabatic couplings and gauge-theoretical structure of curved quantum waveguides. <i>Physical Review A</i> , 2014, 89, .	1.0	15
7	Degeneracy and inversion of band structure for Wigner crystals on a closed helix. <i>Physical Review A</i> , 2015, 91, .	1.0	14
8	Dynamics of nonlinear excitations of helically confined charges. <i>Physical Review E</i> , 2015, 92, 042905.	0.8	13
9	Stability and tunneling dynamics of a dark-bright soliton pair in a harmonic trap. <i>Physical Review A</i> , 2015, 91, .	1.0	13
10	Beyond-mean-field study of a binary bosonic mixture in a state-dependent honeycomb lattice. <i>Physical Review A</i> , 2015, 91, .	1.0	9
11	Modulational instability and localized breather modes in the discrete nonlinear Schrödinger equation with helicoidal hopping. <i>Physica D: Nonlinear Phenomena</i> , 2016, 328-329, 9-20.	1.3	8
12	Electrostatic bending response of a charged helix. <i>Physical Review E</i> , 2018, 97, 042503.	0.8	8
13	Pinned-to-sliding transition and structural crossovers for helically confined charges. <i>Physical Review E</i> , 2017, 95, 022205.	0.8	7
14	Local equilibria and state transfer of charged classical particles on a helix in an electric field. <i>Physical Review E</i> , 2017, 95, 012213.	0.8	6
15	Stability and Dynamics of Dark-Bright Soliton Bound States Away from the Integrable Limit. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 388.	1.3	6
16	Sub- and supercritical defect scattering in Schrödinger chains with higher-order hopping. <i>Physical Review A</i> , 2015, 92, .	1.0	5