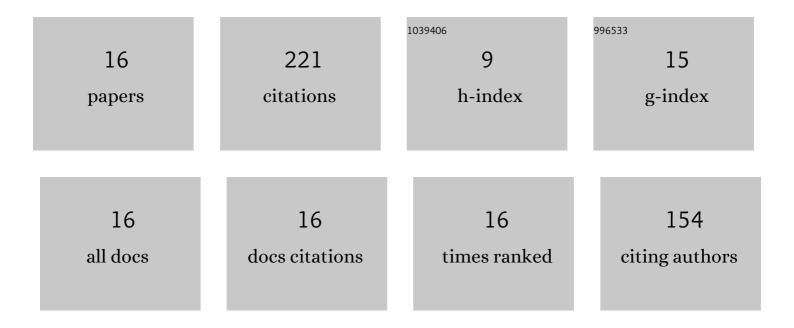
## Jan Stockhofe

List of Publications by Year in descending order

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ΙλΝ Stockhoff

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