

Vladimir N Gladilin

List of Publications by Year in descending order

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docs citations

15
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoscale assembly of superconducting vortices with scanning tunnelling microscope tip. Nature Communications, 2016, 7, 13880.	12.8	43
2	Spatial coherence of weakly interacting one-dimensional nonequilibrium bosonic quantum fluids. Physical Review A, 2014, 90, .	2.5	40
3	Temporal coherence of one-dimensional nonequilibrium quantum fluids. Physical Review B, 2015, 91, .	3.2	38
4	Bound vortex dipoles generated at pinning centres by Meissner current. Nature Communications, 2015, 6, 6573.	12.8	27
5	Direct visualization of vortex ice in a nanostructured superconductor. Physical Review B, 2017, 96, .	3.2	15
6	Controlled Generation of Quantized Vortex–Antivortex Pairs in a Superconducting Condensate. Nano Letters, 2017, 17, 5003-5007.	9.1	15
7	Interaction and motion of vortices in nonequilibrium quantum fluids. New Journal of Physics, 2017, 19, 105005.	2.9	13
8	Multivortex states and dynamics in nonequilibrium polariton condensates. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 395303.	2.1	12
9	Noise-induced transition from superfluid to vortex state in two-dimensional nonequilibrium polariton condensates. Physical Review B, 2019, 100, .	3.2	12
10	Vortices in Nonequilibrium Photon Condensates. Physical Review Letters, 2020, 125, 215301.	7.8	9
11	Magnetic dipoles at topological defects in the Meissner state of a nanostructured superconductor. Physical Review B, 2016, 93, .	3.2	8
12	Classical field model for arrays of photon condensates. Physical Review A, 2020, 101, .	2.5	8
13	Tunable and switchable magnetic dipole patterns in nanostructured superconductors. Nature Communications, 2018, 9, 2576.	12.8	6
14	Vortex unbinding transition in nonequilibrium photon condensates. Physical Review A, 2021, 104, .	2.5	5
15	Vortex-pair annihilation in arrays of photon cavities. Physical Review A, 2022, 105, .	2.5	1