

Vladimir N Gladilin

List of Publications by Year in descending order

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15
papers

252
citations

1040056

9
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

201
citing authors

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