

Yauhen P Sachkou

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

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citations

1937685

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2053705

5
g-index

12
all docs

12
docs citations

12
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong optical coupling through superfluid Brillouin lasing. Nature Physics, 2020, 16, 417-421.	16.7	27
2	Strong Photon Coupling and Confinement in an On-Chip Liquid-Based Brillouin Laser. , 2020, , .		0
3	Optomechanical Platform for Probing Two-Dimensional Quantum Fluids. Springer Theses, 2020, , 25-53.	0.1	0
4	Theoretical Investigation of Vortex-Sound Interactions in Two-Dimensional Superfluids. Springer Theses, 2020, , 75-99.	0.1	0
5	Observation of Coherent Vortex Dynamics in Two-Dimensional Superfluid Helium. Springer Theses, 2020, , 101-138.	0.1	0
6	Modelling of vorticity, sound and their interaction in two-dimensional superfluids. New Journal of Physics, 2019, 21, 053029.	2.9	7
7	Coherent vortex dynamics in a strongly interacting superfluid on a silicon chip. Science, 2019, 366, 1480-1485.	12.6	33
8	Phonon Confinement by the Force of Light. , 2018, , .		1
9	Theoretical framework for thin film superfluid optomechanics: towards the quantum regime. New Journal of Physics, 2016, 18, 123025.	2.9	21