

# Yauhen P Sachkou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/842502/publications.pdf>

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9  
papers

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1937685

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2053705

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12  
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76  
citing authors

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