

# Matthew T Reeves

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1693683/publications.pdf>

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papers

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840776  
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1125743  
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docs citations

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times ranked

371  
citing authors

#	ARTICLE	IF	CITATIONS
1	Giant vortex clusters in a two-dimensional quantum fluid. Science, 2019, 364, 1264-1267.	12.6	133
2	Inverse Energy Cascade in Forced Two-Dimensional Quantum Turbulence. Physical Review Letters, 2013, 110, 104501.	7.8	101
3	Onsager-Kraichnan Condensation in Decaying Two-Dimensional Quantum Turbulence. Physical Review Letters, 2014, 112, 145301.	7.8	86
4	Identifying a Superfluid Reynolds Number via Dynamical Similarity. Physical Review Letters, 2015, 114, 155302.	7.8	58
5	Signatures of coherent vortex structures in a disordered two-dimensional quantum fluid. Physical Review A, 2014, 89, .	2.5	33
6	Coherent vortex dynamics in a strongly interacting superfluid on a silicon chip. Science, 2019, 366, 1480-1485.	12.6	33
7	Theory of the vortex-clustering transition in a confined two-dimensional quantum fluid. Physical Review A, 2016, 94, .	2.5	27
8	Morphoscopic analysis of experimentally produced bony wounds from low-velocity ballistic impact. Forensic Science, Medicine, and Pathology, 2011, 7, 322-332.	1.4	22
9	Enstrophy Cascade in Decaying Two-Dimensional Quantum Turbulence. Physical Review Letters, 2017, 119, 184502.	7.8	21
10	Quantitative Acoustic Models for Superfluid Circuits. Physical Review Letters, 2019, 123, 260402.	7.8	20
11	Universal dynamics in the expansion of vortex clusters in a dissipative two-dimensional superfluid. Physical Review Research, 2020, 2, .	3.6	14
12	Turbulent Relaxation to Equilibrium in a Two-Dimensional Quantum Vortex Gas. Physical Review X, 2022, 12, .	8.9	9
13	Dynamical Mechanisms of Vortex Pinning in Superfluid Thin Films. Physical Review Letters, 2021, 127, 255302.	7.8	4
14	Superfluid Acoustics in a Dumbbell Helmholtz Oscillator. , 2020, , .		0