

# Matthew T Reeves

## List of Publications by Year in descending order

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14  
papers

562  
citations

840776

11  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

371  
citing authors

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