

# Yariv Kafri

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2342875/publications.pdf>

Version: 2024-02-01

20  
papers

2,363  
citations

623734

14  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1931  
citing authors

#	ARTICLE	IF	CITATIONS
1	From quantum chaos and eigenstate thermalization to statistical mechanics and thermodynamics. <i>Advances in Physics</i> , 2016, 65, 239-362.	14.4	1,385
2	Pressure and Phase Equilibria in Interacting Active Brownian Spheres. <i>Physical Review Letters</i> , 2015, 114, 198301.	7.8	268
3	Active Particles with Soft and Curved Walls: Equation of State, Ratchets, and Instabilities. <i>Physical Review Letters</i> , 2016, 117, 098001.	7.8	132
4	Generalized thermodynamics of phase equilibria in scalar active matter. <i>Physical Review E</i> , 2018, 97, 020602.	2.1	112
5	Superfluid-insulator transition of disordered bosons in one dimension. <i>Physical Review B</i> , 2010, 81, .	3.2	70
6	Dynamical Symmetry Breaking and Phase Transitions in Driven Diffusive Systems. <i>Physical Review Letters</i> , 2017, 118, 030604.	7.8	66
7	Generic Long-Range Interactions Between Passive Bodies in an Active Fluid. <i>Physical Review Letters</i> , 2018, 120, 058002.	7.8	54
8	Universal energy fluctuations in thermally isolated driven systems. <i>Nature Physics</i> , 2011, 7, 913-917.	16.7	52
9	Active Trap Model. <i>Physical Review Letters</i> , 2020, 124, 118002.	7.8	43
10	Fluctuation-Induced Forces in Nonequilibrium Diffusive Dynamics. <i>Physical Review Letters</i> , 2015, 114, 230602.	7.8	42
11	Steady-State Chemotaxis in <i>Escherichia coli</i> . <i>Physical Review Letters</i> , 2008, 100, 238101.	7.8	28
12	Disorder-Induced Long-Ranged Correlations in Scalar Active Matter. <i>Physical Review Letters</i> , 2021, 126, 048003.	7.8	22
13	Ramifications of disorder on active particles in one dimension. <i>Physical Review E</i> , 2019, 100, 052610.	2.1	18
14	Bodies in an interacting active fluid: far-field influence of a single body and interaction between two bodies. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2020, 2020, 063211.	2.3	16
15	Thermalization in open quantum systems. <i>Physical Review B</i> , 2018, 97, .	3.2	15
16	Disordered boundaries destroy bulk phase separation in scalar active matter. <i>Physical Review E</i> , 2022, 105, 044603.	2.1	12
17	Exact fluctuating hydrodynamics of active lattice gases—typical fluctuations. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 083208.	2.3	11
18	Unzipping vortices in type-II superconductors. <i>Physical Review B</i> , 2007, 76, .	3.2	10

#	ARTICLE	IF	CITATIONS
19	DNA Unzipping and the Unbinding of Directed Polymers in a Random Media. Physical Review Letters, 2006, 97, 208104.	7.8	6
20	Long-Range Influence of a Pump on a Critical Fluid. Physical Review Letters, 2022, 128, 154501.	7.8	1