

Deepak Gupta

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

418
citations

858243

12
h-index

993246

17
g-index

17
all docs

17
docs citations

17
times ranked

250
citing authors

#	ARTICLE	IF	CITATIONS
1	Resetting with stochastic return through linear confining potential. Journal of Statistical Mechanics: Theory and Experiment, 2021, 2021, 043202.	0.9	17
2	Heat fluctuations in a harmonic chain of active particles. Physical Review E, 2021, 104, 024605.	0.8	12
3	Inducing and optimizing Markovian Mpemba effect with stochastic reset. New Journal of Physics, 2021, 23, 103012.	1.2	21
4	Stochastic resetting with stochastic returns using external trap. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 025003.	0.7	40
5	Effective Resource Competition Model for Species Coexistence. Physical Review Letters, 2021, 127, 208101.	2.9	10
6	Tighter thermodynamic bound on the speed limit in systems with unidirectional transitions. Physical Review E, 2020, 102, 062121.	0.8	17
7	Asymmetric stochastic resetting: Modeling catastrophic events. Physical Review E, 2020, 102, 052116.	0.8	20
8	Work Fluctuations and Jarzynski Equality in Stochastic Resetting. Physical Review Letters, 2020, 124, 110608.	2.9	68
9	Inferring Entropy Production from Short Experiments. Physical Review Letters, 2020, 124, 120603.	2.9	82
10	Entropy production for partially observed harmonic systems. Journal of Statistical Mechanics: Theory and Experiment, 2020, 2020, 013204.	0.9	5
11	Entropy production in systems with unidirectional transitions. Physical Review Research, 2020, 2, .	1.3	23
12	Coarse-grained entropy production with multiple reservoirs: Unraveling the role of time scales and detailed balance in biology-inspired systems. Physical Review Research, 2020, 2, .	1.3	14
13	Stochastic resetting in underdamped Brownian motion. Journal of Statistical Mechanics: Theory and Experiment, 2019, 2019, 033212.	0.9	49
14	Exact distribution for work and stochastic efficiency of an isothermal machine. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 073201.	0.9	6
15	Partial entropy production in heat transport. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 063203.	0.9	7
16	Stochastic efficiency of an isothermal work-to-work converter engine. Physical Review E, 2017, 96, 042130.	0.8	17
17	Fluctuation theorem for entropy production of a partial system in the weak-coupling limit. Europhysics Letters, 2016, 115, 60003.	0.7	10