

Sarah Aâm Loos

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

277
citations

1040056

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h-index

1058476

14
g-index

23
all docs

23
docs citations

23
times ranked

203
citing authors

#	ARTICLE	IF	CITATIONS
1	Equilibrium stochastic delay processes. <i>New Journal of Physics</i> , 2022, 24, 023021.	2.9	3
2	Entropy, Information and Energy Flows. <i>Springer Theses</i> , 2021, , 225-260.	0.1	0
3	Force-Linearization Closure. <i>Springer Theses</i> , 2021, , 159-181.	0.1	0
4	Stochastic Thermodynamics. <i>Springer Theses</i> , 2021, , 87-118.	0.1	0
5	Infinite Fokker-Planck Hierarchy. <i>Springer Theses</i> , 2021, , 121-136.	0.1	0
6	Markovian Embeddingâ€”A New Derivation of the Fokker-Planck Hierarchy. <i>Springer Theses</i> , 2021, , 137-157.	0.1	0
7	Correlation functions of non-Markovian systems out of equilibrium: analytical expressions beyond single-exponential memory. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 033202.	2.3	18
8	Medium Entropy Reduction and Instability in Stochastic Systems with Distributed Delay. <i>Entropy</i> , 2021, 23, 696.	2.2	3
9	Outlookâ€”Open Questions and Further Perspectives. <i>Springer Theses</i> , 2021, , 271-276.	0.1	0
10	The Heat Flow Induced by a Discrete Delay. <i>Springer Theses</i> , 2021, , 195-223.	0.1	0
11	The Langevin Equation. <i>Springer Theses</i> , 2021, , 21-75.	0.1	1
12	Finite-Size Scaling at the Edge of Disorder in a Time-Delay Vicsek Model. <i>Physical Review Letters</i> , 2021, 127, 258001.	7.8	20
13	Entropy production at criticality in a nonequilibrium Potts model. <i>New Journal of Physics</i> , 2020, 22, 093069.	2.9	10
14	Irreversibility, heat and information flows induced by non-reciprocal interactions. <i>New Journal of Physics</i> , 2020, 22, 123051.	2.9	50
15	Fokkerâ€”Planck Equations for Time-Delayed Systems via Markovian Embedding. <i>Journal of Statistical Physics</i> , 2019, 177, 95-118.	1.2	16
16	Heat flow due to time-delayed feedback. <i>Scientific Reports</i> , 2019, 9, 2491.	3.3	30
17	Force-linearization closure for non-Markovian Langevin systems with time delay. <i>Physical Review E</i> , 2017, 96, 012106.	2.1	17
18	Controlling Chimera Patterns in Networks: Interplay of Structure, Noise, and Delay. <i>Understanding Complex Systems</i> , 2016, , 3-23.	0.6	10

#	ARTICLE	IF	CITATIONS
19	Chimera patterns under the impact of noise. Physical Review E, 2016, 93, 012209.	2.1	74
20	Feedback Control of Colloidal Transport. Understanding Complex Systems, 2016, , 375-392.	0.6	4
21	Delay-induced transport in a rocking ratchet under feedback control. Physical Review E, 2014, 89, 052136.	2.1	21