

# Sarah Aâm Loos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5241940/publications.pdf>

Version: 2024-02-01

21  
papers

277  
citations

1040056

9  
h-index

1058476

14  
g-index

23  
all docs

23  
docs citations

23  
times ranked

203  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chimera patterns under the impact of noise. <i>Physical Review E</i> , 2016, 93, 012209.	2.1	74
2	Irreversibility, heat and information flows induced by non-reciprocal interactions. <i>New Journal of Physics</i> , 2020, 22, 123051.	2.9	50
3	Heat flow due to time-delayed feedback. <i>Scientific Reports</i> , 2019, 9, 2491.	3.3	30
4	Delay-induced transport in a rocking ratchet under feedback control. <i>Physical Review E</i> , 2014, 89, 052136.	2.1	21
5	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
6	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
7	Force-linearization closure for non-Markovian Langevin systems with time delay. <i>Physical Review E</i> , 2017, 96, 012106.	2.1	17
8	Fokker-Planck Equations for Time-Delayed Systems via Markovian Embedding. <i>Journal of Statistical Physics</i> , 2019, 177, 95-118.	1.2	16
9	Controlling Chimera Patterns in Networks: Interplay of Structure, Noise, and Delay. <i>Understanding Complex Systems</i> , 2016, , 3-23.	0.6	10
10	Entropy production at criticality in a nonequilibrium Potts model. <i>New Journal of Physics</i> , 2020, 22, 093069.	2.9	10
11	Feedback Control of Colloidal Transport. <i>Understanding Complex Systems</i> , 2016, , 375-392.	0.6	4
12	Medium Entropy Reduction and Instability in Stochastic Systems with Distributed Delay. <i>Entropy</i> , 2021, 23, 696.	2.2	3
13	Equilibrium stochastic delay processes. <i>New Journal of Physics</i> , 2022, 24, 023021.	2.9	3
14	The Langevin Equation. <i>Springer Theses</i> , 2021, , 21-75.	0.1	1
15	Entropy, Information and Energy Flows. <i>Springer Theses</i> , 2021, , 225-260.	0.1	0
16	Force-Linearization Closure. <i>Springer Theses</i> , 2021, , 159-181.	0.1	0
17	Stochastic Thermodynamics. <i>Springer Theses</i> , 2021, , 87-118.	0.1	0
18	Infinite Fokker-Planck Hierarchy. <i>Springer Theses</i> , 2021, , 121-136.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Markovian Embeddingâ€”A New Derivation of the Fokker-Planck Hierarchy. Springer Theses, 2021, , 137-157.	0.1	0
20	Outlookâ€”Open Questions and Further Perspectives. Springer Theses, 2021, , 271-276.	0.1	0
21	The Heat Flow Induced by a Discrete Delay. Springer Theses, 2021, , 195-223.	0.1	0