

Simon Milz

List of Publications by Year in descending order

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13
papers

469
citations

933447

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1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

238
citing authors

#	ARTICLE	IF	CITATIONS
1	Completely Positive Divisibility Does Not Mean Markovianity. <i>Physical Review Letters</i> , 2019, 123, 040401.	7.8	76
2	An Introduction to Operational Quantum Dynamics. <i>Open Systems and Information Dynamics</i> , 2017, 24, 1740016.	1.2	64
3	Quantum Stochastic Processes and Quantum non-Markovian Phenomena. <i>PRX Quantum</i> , 2021, 2, .	9.2	63
4	Structure of quantum stochastic processes with finite Markov order. <i>Physical Review A</i> , 2019, 99, .	2.5	45
5	Quantum Markov Order. <i>Physical Review Letters</i> , 2019, 122, 140401.	7.8	44
6	Kolmogorov extension theorem for (quantum) causal modelling and general probabilistic theories. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 4, 255.	0.0	38
7	When Is a Non-Markovian Quantum Process Classical?. <i>Physical Review X</i> , 2020, 10, .	8.9	36
8	Entanglement, non-Markovianity, and causal non-separability. <i>New Journal of Physics</i> , 2018, 20, 033033.	2.9	28
9	Reconstructing non-Markovian quantum dynamics with limited control. <i>Physical Review A</i> , 2018, 98, .	2.5	23
10	Non-Markovian quantum control as coherent stochastic trajectories. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 414014.	2.1	18
11	Genuine multipartite entanglement in time. <i>SciPost Physics</i> , 2021, 10, .	4.9	15
12	Volumes of conditioned bipartite state spaces. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2015, 48, 035306.	2.1	13
13	Delayed-choice causal order and nonclassical correlations. <i>Physical Review Research</i> , 2021, 3, .	3.6	6