

# Photonic realization of nonlocal memory effects and no

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Quantum probes to experimentally assess correlations in a composite system. <i>Physical Review A</i> , 2013, 88, .	1.0	30
2	Interaction-induced correlations and non-Markovianity of quantum dynamics. <i>Physical Review A</i> , 2013, 87, .	1.0	37
3	Non-Markovianity of a two-level system transversally coupled to multiple bosonic reservoirs. <i>Physical Review A</i> , 2014, 90, .	1.0	38
4	Competition between memory-keeping and memory-erasing decoherence channels. <i>Physical Review A</i> , 2014, 90, .	1.0	24
5	Role of entanglement for nonlocal memory effects. <i>Physical Review A</i> , 2014, 90, .	1.0	7
6	Quantum non-Markovianity: characterization, quantification and detection. <i>Reports on Progress in Physics</i> , 2014, 77, 094001.	8.1	702
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8	Quantum regression theorem and non-Markovianity of quantum dynamics. <i>Physical Review A</i> , 2014, 90, .	1.0	74
9	Non-Markovianity and system-environment correlations in a microscopic collision model. <i>Physical Review A</i> , 2014, 89, .	1.0	79
10	Entanglement distribution in optical fibers assisted by nonlocal memory effects. <i>Europhysics Letters</i> , 2014, 107, 54006.	0.7	24
11	Environmental correlations and Markovian to non-Markovian transitions in collisional models. <i>Physical Review A</i> , 2014, 90, .	1.0	58
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16	Nonlocal memory effects allow perfect teleportation with mixed states. <i>Scientific Reports</i> , 2014, 4, 4620.	1.6	109
17	Non-Markovian dynamics of a two-level system in the presence of hierarchical environments. <i>Optics Express</i> , 2015, 23, 5763.	1.7	28
18	Efficient scheme for experimental quantification of non-Markovianity in high-dimensional systems. <i>Physical Review A</i> , 2015, 91, .	1.0	0

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20	The role of correlated environments on non-Markovianity and correlations of a two-qubit system. European Physical Journal D, 2015, 69, 1.	0.6	8
21	A knob for Markovianity. New Journal of Physics, 2015, 17, 072001.	1.2	26
22	Switching quantum memory on and off. New Journal of Physics, 2015, 17, 081004.	1.2	29
23	Control of quantum dynamics: Non-Markovianity and the speedup of the open system evolution. Europhysics Letters, 2016, 116, 30001.	0.7	14
24	Time-invariant entanglement and sudden death of nonlocality. Physical Review A, 2016, 94, .	1.0	17
25	Proposal for probing energy transfer pathway by single-molecule pump-dump experiment. Scientific Reports, 2016, 6, 27535.	1.6	12
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36	Dynamics of non-Markovian open quantum systems. Reviews of Modern Physics, 2017, 89, .	16.4	745

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37	Enhancement of frequency estimation by spatially correlated environments. <i>Annals of Physics</i> , 2017, 381, 80-89.	1.0	4
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49	Exceptional supercapacitive performance of bicontinuous carbon/MnO <sub>2</sub> composite electrodes. <i>Ceramics International</i> , 2018, 44, 13858-13866.	2.3	8
50	Environment-assisted non-Markovian speedup dynamics control. <i>Annals of Physics</i> , 2018, 388, 1-11.	1.0	9
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60	Information backflow as a resource for entanglement. <i>Physical Review A</i> , 2019, 99, .	1.0	19
61	All-optical implementation of collision-based evolutions of open quantum systems. <i>Scientific Reports</i> , 2019, 9, 3205.	1.6	36
62	Non-Markovian quantum dynamics: What is it good for?. <i>Europhysics Letters</i> , 2019, 128, 30001.	0.7	48
63	Decoherence of a two-qubit system interacting with initially correlated random telegraph noises. <i>Quantum Information Processing</i> , 2020, 19, 1.	1.0	6
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66	Coherence-based measurement of non-Markovian dynamics in an open quantum system. <i>Physical Review A</i> , 2020, 101, .	1.0	3
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