

# Xing Xiao

## List of Publications by Year in descending order

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27  
papers

878  
citations

686830

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610482

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g-index

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all docs

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docs citations

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times ranked

463  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing the teleportation of quantum Fisher information by weak measurement and environment-assisted measurement. <i>Quantum Information Processing</i> , 2021, 20, 1.	1.0	11
2	Weak Measurement-Assisted Coherence Enhancement with Initial System-Environment Correlation. <i>International Journal of Theoretical Physics</i> , 2020, 59, 159-165.	0.5	0
3	Enhanced quantum teleportation in the background of Schwarzschild spacetime by weak measurements. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	7
4	Enhanced Superdense Coding Over Correlated Amplitude Damping Channel. <i>Entropy</i> , 2019, 21, 598.	1.1	5
5	Retrieving the lost fermionic entanglement by partial measurement in noninertial frames. <i>Annals of Physics</i> , 2018, 390, 83-94.	1.0	15
6	Non-Markovian Dynamics of Spin Squeezing Under Detuning Modulation. <i>Open Systems and Information Dynamics</i> , 2017, 24, 1750003.	0.5	0
7	Enhancing the quantum state transfer between two atoms in separate cavities via weak measurement and its reversal. <i>Quantum Information Processing</i> , 2017, 16, 1.	1.0	2
8	Interpreting quantum coherence through a quantum measurement process. <i>Physical Review A</i> , 2017, 96, .	1.0	11
9	Enhancing teleportation of quantum Fisher information by partial measurements. <i>Physical Review A</i> , 2016, 93, .	1.0	89
10	Robust spin squeezing preservation in photonic crystal cavities. <i>Laser Physics Letters</i> , 2016, 13, 085205.	0.6	1
11	Frobenius-norm-based measures of quantum coherence and asymmetry. <i>Scientific Reports</i> , 2016, 6, 32010.	1.6	36
12	Robust quantum state transfer between two superconducting qubits via partial measurement. <i>Laser Physics Letters</i> , 2016, 13, 125202.	0.6	8
13	Protecting entanglement from correlated amplitude damping channel using weak measurement and quantum measurement reversal. <i>Quantum Information Processing</i> , 2016, 15, 3881-3891.	1.0	29
14	Quantum coherence in multipartite systems. <i>Physical Review A</i> , 2015, 92, .	1.0	283
15	Classical-driving-enhanced parameter-estimation precision of a non-Markovian dissipative two-state system. <i>Physical Review A</i> , 2015, 91, .	1.0	64
16	Multiple phase estimation for arbitrary pure states under white noise. <i>Physical Review A</i> , 2014, 90, .	1.0	31
17	Protecting qubit-qutrit entanglement from amplitude damping decoherence via weak measurement and reversal. <i>Physica Scripta</i> , 2014, 89, 065102.	1.2	28
18	Distribution of quantum Fisher information in asymmetric cloning machines. <i>Scientific Reports</i> , 2014, 4, 7361.	1.6	12

#	ARTICLE	IF	CITATIONS
19	High Degree Entanglement Generation of Two Atoms in a Common Non-Markovian Reservoir with Dipole-Dipole Interaction. <i>International Journal of Theoretical Physics</i> , 2013, 52, 458-464.	0.5	0
20	Recovering quantum correlations from amplitude damping decoherence by weak measurement reversal. <i>Quantum Information Processing</i> , 2013, 12, 3067-3077.	1.0	26
21	Protecting qutrit-qutrit entanglement by weak measurement and reversal. <i>European Physical Journal D</i> , 2013, 67, 1.	0.6	96
22	Dynamics of measurement-induced non-locality and geometric discord with initial system-environment correlations. <i>Chinese Physics B</i> , 2013, 22, 080306.	0.7	6
23	One-Way Protocol for Two-Bit Intrinsic Random Key Distribution with Entangled Photon Pairs. <i>International Journal of Theoretical Physics</i> , 2011, 50, 663-670.	0.5	1
24	Non-Markovian dynamics of a three-level $\hat{\Lambda}$ -atom coupled to a structured reservoir: comparison between the weak and strong coupling regimes. <i>Physica Scripta</i> , 2011, 83, 015013.	1.2	4
25	Reexamination of the feedback control on quantum states via weak measurements. <i>Physical Review A</i> , 2011, 83, .	1.0	45
26	Non-Markovian dynamics of two qubits driven by classical fields: population trapping and entanglement preservation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 185505.	0.6	28
27	Robust entanglement preserving by detuning in non-Markovian regime. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 235502.	0.6	40