Xing Xiao

List of Publications by Year
in descending order

27 papers	878 citations	687220 13 h-index	610775 24 g-index
27 all docs	27 docs citations	27 times ranked	463 citing authors

#	Article	IF	Citations
1	Quantum coherence in multipartite systems. Physical Review A, 2015, 92, .	1.0	283
2	Protecting qutrit-qutrit entanglement by weak measurement and reversal. European Physical Journal D, 2013, 67, 1.	0.6	96
3	Enhancing teleportation of quantum Fisher information by partial measurements. Physical Review A, 2016, 93, .	1.0	89
4	Classical-driving-enhanced parameter-estimation precision of a non-Markovian dissipative two-state system. Physical Review A, 2015, 91, .	1.0	64
5	Reexamination of the feedback control on quantum states via weak measurements. Physical Review A, 2011, 83, .	1.0	45
6	Robust entanglement preserving by detuning in non-Markovian regime. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 235502.	0.6	40
7	Frobenius-norm-based measures of quantum coherence and asymmetry. Scientific Reports, 2016, 6, 32010.	1.6	36
8	Multiple phase estimation for arbitrary pure states under white noise. Physical Review A, 2014, 90, .	1.0	31
9	Protecting entanglement from correlated amplitude damping channel using weak measurement and quantum measurement reversal. Quantum Information Processing, 2016, 15, 3881-3891.	1.0	29
10	Non-Markovian dynamics of two qubits driven by classical fields: population trapping and entanglement preservation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 185505.	0.6	28
11	Protecting qubitâ€"qutrit entanglement from amplitude damping decoherence via weak measurement and reversal. Physica Scripta, 2014, 89, 065102.	1.2	28
12	Recovering quantum correlations from amplitude damping decoherence by weak measurement reversal. Quantum Information Processing, 2013, 12, 3067-3077.	1.0	26
13	Retrieving the lost fermionic entanglement by partial measurement in noninertial frames. Annals of Physics, 2018, 390, 83-94.	1.0	15
14	Distribution of quantum Fisher information in asymmetric cloning machines. Scientific Reports, 2014, 4, 7361.	1.6	12
15	Interpreting quantum coherence through a quantum measurement process. Physical Review A, 2017, 96, .	1.0	11
16	Enhancing the teleportation of quantum Fisher information by weak measurement and environment-assisted measurement. Quantum Information Processing, 2021, 20, 1.	1.0	11
17	Robust quantum state transfer between two superconducting qubits via partial measurement. Laser Physics Letters, 2016, 13, 125202.	0.6	8
18	Enhanced quantum teleportation in the background of Schwarzschild spacetime by weak measurements. European Physical Journal Plus, 2020, 135, 1.	1.2	7

#	ARTICLE	IF	CITATIONS
19	Dynamics of measurement-induced non-locality and geometric discord with initial systemâ€"environment correlations. Chinese Physics B, 2013, 22, 080306.	0.7	6
20	Enhanced Superdense Coding Over Correlated Amplitude Damping Channel. Entropy, 2019, 21, 598.	1.1	5
21	Non-Markovian dynamics of a three-level Î›-atom coupled to a structured reservoir: comparison between the weak and strong coupling regimes. Physica Scripta, 2011, 83, 015013.	1.2	4
22	Enhancing the quantum state transfer between two atoms in separate cavities via weak measurement and its reversal. Quantum Information Processing, 2017, 16, 1.	1.0	2
23	One-Way Protocol for Two-Bit Intrinsic Random Key Distribution with Entangled Photon Pairs. International Journal of Theoretical Physics, 2011, 50, 663-670.	0.5	1
24	Robust spin squeezing preservation in photonic crystal cavities. Laser Physics Letters, 2016, 13, 085205.	0.6	1
25	High Degree Entanglement Generation of Two Atoms in a Common Non-Markovian Reservoir with Dipole-Dipole Interaction. International Journal of Theoretical Physics, 2013, 52, 458-464.	0.5	0
26	Non-Markovian Dynamics of Spin Squeezing Under Detuning Modulation. Open Systems and Information Dynamics, 2017, 24, 1750003.	0.5	0
27	Weak Measurement-Assisted Coherence Enhancement with Initial System-Environment Correlation. International Journal of Theoretical Physics, 2020, 59, 159-165.	0.5	0