

# Wenlin Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9627416/publications.pdf>

Version: 2024-02-01

28  
papers

549  
citations

687363

13  
h-index

642732

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

339  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonreciprocal ground-state cooling of multiple mechanical resonators. <i>Physical Review A</i> , 2020, 102, .	2.5	82
2	Quantum synchronization in an optomechanical system based on Lyapunov control. <i>Physical Review E</i> , 2016, 93, 062221.	2.1	66
3	Parity-time-symmetry enhanced optomechanically-induced-transparency. <i>Scientific Reports</i> , 2016, 6, 31095.	3.3	62
4	Quantum synchronization and quantum state sharing in an irregular complex network. <i>Physical Review E</i> , 2017, 95, 022204.	2.1	48
5	Properties and relative measure for quantifying quantum synchronization. <i>Physical Review E</i> , 2017, 96, 012211.	2.1	33
6	Theoretical realization and application of parity-time-symmetric oscillators in a quantum regime. <i>Physical Review A</i> , 2017, 95, .	2.5	28
7	Noise robustness of synchronization of two nanomechanical resonators coupled to the same cavity field. <i>Physical Review A</i> , 2020, 101, .	2.5	25
8	Quantum Secure Direct Communication Achieved by Using Multi-Entanglement. <i>International Journal of Theoretical Physics</i> , 2015, 54, 100-105.	1.2	22
9	Quantum synchronization in a star-type cavity QED network. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017, 42, 121-131.	3.3	22
10	Criterion of quantum synchronization and controllable quantum synchronization based on an optomechanical system. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 035503.	1.5	20
11	Two-membrane cavity optomechanics: non-linear dynamics. <i>New Journal of Physics</i> , 2021, 23, 073013.	2.9	17
12	Speeding up adiabatic state conversion in optomechanical systems. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019, 52, 115501.	1.5	15
13	Synchronization between uncertain nonidentical networks with quantum chaotic behavior. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 461, 270-277.	2.6	12
14	Quantum parameter identification for a chaotic atom ensemble system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016, 380, 672-677.	2.1	10
15	Quantum synchronization of chaotic oscillator behaviors among coupled BEC“optomechanical systems. <i>Quantum Information Processing</i> , 2017, 16, 1.	2.2	10
16	Absolute Determination of the Single-Photon Optomechanical Coupling Rate via a Hopf Bifurcation. <i>Physical Review Applied</i> , 2021, 15, .	3.8	10
17	Dynamics of quantum correlation of four qubits system. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 457, 437-442.	2.6	8
18	Probing quantum gravity effects with quantum mechanical oscillators. <i>European Physical Journal D</i> , 2020, 74, 1.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Quantum Zeno effect in self-sustaining systems: Suppressing phase diffusion via repeated measurements. <i>Physical Review A</i> , 2021, 103, .	2.5	7
20	Observation of Non-Hermitian Quantum Correlation Criterion in Mesoscopic Optomechanical System. <i>International Journal of Theoretical Physics</i> , 2016, 55, 2097-2109.	1.2	6
21	Synchronization transmission of target signal within the coupling network with quantum chaos effect. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 462, 579-585.	2.6	5
22	Gain-saturation-induced self-sustained oscillations in non-Hermitian optomechanics. <i>Physical Review A</i> , 2021, 103, .	2.5	4
23	Dynamical bipartite and tripartite entanglement of mechanical oscillators in an optomechanical array. <i>Physical Review A</i> , 2021, 104, .	2.5	4
24	The preparation of Bell state using ground state of $\Lambda$ -type Rb atoms in two optical cavities. <i>Optical and Quantum Electronics</i> , 2014, 46, 1561-1569.	3.3	2
25	Flexible and experimentally feasible shortcut to quantum Zeno dynamic passage. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016, 380, 3595-3600.	2.1	2
26	Realization of quantum information processing in quantum star network constituted by superconducting hybrid systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 463, 427-436.	2.6	2
27	Synchronization effect for uncertain quantum networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 465, 621-627.	2.6	2
28	Twoâ€‘membrane Cavity Optomechanics: Nonâ€‘linear Dynamics And Measurement Of The Optomechanical Coupling. , 2021, , .		0