

# Xiao-Bo Yan

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

439  
citations

759233

12  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

214  
citing authors

#	ARTICLE	IF	CITATIONS
1	The physical origin of Schrödinger equation. <i>European Journal of Physics</i> , 2021, 42, 045402.	0.6	0
2	Optomechanically induced ultraslow and ultrafast light. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021, 131, 114759.	2.7	9
3	Optomechanically induced optical responses with non-rotating wave approximation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2021, 54, 035401.	1.5	10
4	Optomechanically induced transparency and gain. <i>Physical Review A</i> , 2020, 101, .	2.5	30
5	Ideal optical isolator with a two-cavity optomechanical system. <i>Optics Communications</i> , 2019, 451, 197-201.	2.1	21
6	Perfect optical nonreciprocity in a double-cavity optomechanical system. <i>Frontiers of Physics</i> , 2019, 14, 1.	5.0	31
7	Entanglement optimization of filtered output fields in cavity optomechanics. <i>Optics Express</i> , 2019, 27, 24393.	3.4	38
8	Enhanced output entanglement with reservoir engineering. <i>Physical Review A</i> , 2017, 96, .	2.5	28
9	Optimization of STIRAP-based state transfer under dissipation. <i>New Journal of Physics</i> , 2017, 19, 093016.	2.9	7
10	Optimizing the output-photon entanglement in multimode optomechanical systems. <i>Physical Review A</i> , 2016, 93, .	2.5	29
11	Dynamically induced two-color nonreciprocity in a tripod system of a moving atomic lattice. <i>Physical Review A</i> , 2015, 92, .	2.5	16
12	Electromagnetically induced transparency in a Y system with single Rydberg state. <i>Optics Communications</i> , 2015, 345, 6-12.	2.1	7
13	Optomechanically induced amplification and perfect transparency in double-cavity optomechanics. <i>Frontiers of Physics</i> , 2015, 10, 351-357.	5.0	32
14	Optical nonreciprocity of a five-level M-type atomic optical lattice in move. <i>Optics Communications</i> , 2015, 338, 479-483.	2.1	2
15	Tunable slow and fast light in an atom-assisted optomechanical system. <i>Optics Communications</i> , 2015, 338, 569-573.	2.1	49
16	Electromagnetically induced transparency in a three-mode optomechanical system. <i>Chinese Physics B</i> , 2014, 23, 114201.	1.4	8
17	Coherent perfect absorption, transmission, and synthesis in a double-cavity optomechanical system. <i>Optics Express</i> , 2014, 22, 4886.	3.4	68
18	Optical switching of optomechanically induced transparency and normal mode splitting in a double-cavity system. <i>European Physical Journal D</i> , 2014, 68, 1.	1.3	15

#	ARTICLE	IF	CITATIONS
19	The properties of Stokes and anti-Stokes processes in a double-cavity optomechanical system. Optics Communications, 2013, 308, 265-269.	2.1	4
20	Steady-state solutions of a hybrid system involving atom-light and optomechanical interactions: Beyond the weak-cavity-field approximation. Physical Review A, 2013, 87, .	2.5	25
21	Normal mode splitting due to quadratic reactive coupling in a microdisk-waveguide optomechanical system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 377, 133-137.	2.1	10