Xiao-Bo Yan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6841556/publications.pdf

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21	439	759233 12	752698 20
papers	citations	h-index	g-index

22	22	22	214
all docs	docs citations	times ranked	citing authors

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

#	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	Optical nonreciprocity of a five-level M-type atomic optical lattice in move. Optics Communications, 2015, 338, 479-483.	2.1	2
21	The physical origin of SchrÃ¶dinger equation. European Journal of Physics, 2021, 42, 045402.	0.6	0