

Hongjun Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

175
citations

1306789

7
h-index

1125271

13
g-index

21
all docs

21
docs citations

21
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunneling-induced high-efficiency four-wave mixing in asymmetric quantum wells. <i>Physical Review B</i> , 2013, 87, .	1.1	41
2	Electromagnetically induced negative refractive index in a V-type four-level atomic system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 363, 497-501.	0.9	23
3	Optical bistability induced by spin-orbit coupling in the carbon-nanotube quantum dots. <i>Applied Optics</i> , 2016, 55, 1090.	2.1	12
4	Tunneling-induced highly efficient four-wave mixing in asymmetric double quantum wells. <i>Laser Physics Letters</i> , 2018, 15, 045208.	0.6	12
5	Phase control of switching from positive to negative index material in a four-level atomic system. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008, 41, 125503.	0.6	11
6	Surface Enhanced Fluorescence of Rh6G with Gold Nanohole Arrays. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 9803-9807.	0.9	9
7	Phase control of optical bistability and multistability in a tripod four-level atomic medium. <i>Applied Optics</i> , 2016, 55, 6263.	2.1	9
8	Multiple spontaneously generated coherence and phase control of optical bistability and multistability in a tripod four-level atomic medium. <i>Applied Optics</i> , 2017, 56, 4995.	2.1	8
9	Phase control of Kerr nonlinearity in V-type system with spontaneously generated coherence. <i>Journal of Modern Optics</i> , 2016, 63, 598-604.	0.6	7
10	Phase control of highly efficient four-wave mixing in a six-level tripod atomic system. <i>Applied Optics</i> , 2018, 57, 567.	0.9	7
11	Tunneling-induced optical bistability in an asymmetric double quantum well. <i>Applied Optics</i> , 2016, 55, 2980.	2.1	6
12	Magneto-optical rotation in cavity QED with Zeeman coherence. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018, 382, 1556-1562.	0.9	6
13	Tunneling-induced ultraslow solitons in triangular quantum dot molecules. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019, 383, 148-152.	0.9	6
14	Tunneling-induced enhancement of self-Kerr nonlinearity in asymmetric quantum wells. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013, 377, 1527-1530.	0.9	5
15	Controllable optical bistability and multistability in asymmetric quantum wells via Fano-type interference. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019, 52, 035501.	0.6	5
16	Nonreciprocal optical bistability based on Doppler effect in a three-level atomic system. <i>Optics Communications</i> , 2021, 488, 126862.	1.0	4
17	Linear chirp control of infrared signal in a biased semiconductor thin film. <i>New Journal of Physics</i> , 2008, 10, 083018.	1.2	2
18	Optical bistability and multistability induced by quantum coherence in diamond germanium-vacancy color centers. <i>Applied Optics</i> , 2019, 58, 2522.	0.9	2

#	ARTICLE	IF	CITATIONS
19	Three coupled slow temporal vector optical solitons in a cold seven-level atomic system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 225501.	0.6	0
20	Photon-number dependent cavity vacuum induced transparency and single photon separation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 3156-3164.	0.9	0
21	Quantum coherent manipulating of pulse propagation in diamond germanium-vacancy centers. Journal of Physics Condensed Matter, 2020, 32, 105402.	0.7	0