

Hongjun Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

175
citations

1306789

7
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1125271

13
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21
all docs

21
docs citations

21
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonreciprocal optical bistability based on Doppler effect in a three-level atomic system. Optics Communications, 2021, 488, 126862.	1.0	4
2	Quantum coherent manipulating of pulse propagation in diamond germanium-vacancy centers. Journal of Physics Condensed Matter, 2020, 32, 105402.	0.7	0
3	Tunneling-induced ultraslow solitons in triangular quantum dot molecules. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 148-152.	0.9	6
4	Controllable optical bistability and multistability in asymmetric quantum wells via Fano-type interference. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 035501.	0.6	5
5	Optical bistability and multistability induced by quantum coherence in diamond germanium-vacancy color centers. Applied Optics, 2019, 58, 2522.	0.9	2
6	Tunneling-induced highly efficient four-wave mixing in asymmetric double quantum wells. Laser Physics Letters, 2018, 15, 045208.	0.6	12
7	Magneto-optical rotation in cavity QED with Zeeman coherence. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 1556-1562.	0.9	6
8	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
9	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
10	Phase control of highly efficient four-wave mixing in a six-level tripod atomic system. Applied Optics, 2018, 57, 567.	0.9	7
11	Multiple spontaneously generated coherence and phase control of optical bistability and multistability in a tripod four-level atomic medium. Applied Optics, 2017, 56, 4995.	2.1	8
12	Tunneling-induced optical bistability in an asymmetric double quantum well. Applied Optics, 2016, 55, 2980.	2.1	6
13	Phase control of optical bistability and multistability in a tripod four-level atomic medium. Applied Optics, 2016, 55, 6263.	2.1	9
14	Optical bistability induced by spin-orbit coupling in the carbon-nanotube quantum dots. Applied Optics, 2016, 55, 1090.	2.1	12
15	Phase control of Kerr nonlinearity in V-type system with spontaneously generated coherence. Journal of Modern Optics, 2016, 63, 598-604.	0.6	7
16	Tunneling-induced enhancement of self-Kerr nonlinearity in asymmetric quantum wells. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 1527-1530.	0.9	5
17	Tunneling-induced high-efficiency four-wave mixing in asymmetric quantum wells. Physical Review B, 2013, 87, .	1.1	41
18	Surface Enhanced Fluorescence of Rh6G with Gold Nanohole Arrays. Journal of Nanoscience and Nanotechnology, 2011, 11, 9803-9807.	0.9	9

#	ARTICLE	IF	CITATIONS
19	Phase control of switching from positive to negative index material in a four-level atomic system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 125503.	0.6	11
20	Linear chirp control of infrared signal in a biased semiconductor thin film. New Journal of Physics, 2008, 10, 083018.	1.2	2
21	Electromagnetically induced negative refractive index in a V-type four-level atomic system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 363, 497-501.	0.9	23