Yihong Qi

List of Publications by Year
in descending order

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42	534	623188	676716
papers	citations	14 h-index	22 g-index

42	42	42	295
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electromagnetically induced grating in asymmetric quantum wells via Fano interference. Optics Express, 2013, 21, 12249.	1.7	103
2	Three-dimensional atom localization in a five-level M-type atomic system. Journal of Modern Optics, 2012, 59, 1092-1099.	0.6	45
3	Optical precursors with tunneling-induced transparency in asymmetric quantum wells. Physical Review A, 2011, 83, .	1.0	36
4	Control of electromagnetically induced grating by surface plasmon and tunneling in a hybrid quantum dotâ€“metal nanoparticle system. Journal of Physics Condensed Matter, 2019, 31, 105801.	0.7	28
5	Strong photon blockade with intracavity electromagnetically induced transparency in a blockaded Rydberg ensemble. Physical Review A, 2015, 92, .	1.0	26
6	Phase dependence of cross-phase modulation in asymmetric quantum wells. Optics Communications, 2011, 284, 276-281.	1.0	25
7	Spatial vector solitons in a four-level tripod-type atomic system. Physical Review A, 2011, 84, .	1.0	23
8	Phase control of coherent pulse propagation and switching based on electromagnetically induced transparency in a four-level atomic system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 085502.	0.6	21
9	Single attosecond pulse generation from multicycle nonlinear chirped pulses. Physical Review A, 2009, 80, .	1.0	19
10	Multiwavelength Magnetic-Free Optical Isolator by Optical Pumping in Warm Atoms. Physical Review Applied, 2019, 12, .	1.5	19
11	Fast quantum state transfer in hybrid quantum dot-metal nanoparticle systems by shaping ultrafast laser pulses. Journal Physics D: Applied Physics, 2019, 52, 425101.	1.3	17
12	Cavity-Free Circulator with Low Insertion Loss Using Hot Atoms. Physical Review Applied, 2020, 14, .	1.5	16
13	Soliton control in optical lattices with periodic modulation of nonlinearity coefficient. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 4395-4398.	0.9	15
14	Control of resonant weak-light solitons via a periodic modulated control field. Physical Review E, 2010, 82, 016602.	0.8	15
15	Quantum nonreciprocity based on electromagnetically induced transparency in chiral quantum-optical systems. Physical Review A, 2021, 103, .	1.0	15
16	Passive Nonlinear Optical Isolators Bypassing Dynamic Reciprocity. Physical Review Applied, 2021, 16, .	1.5	13
17	Controllable twin laser pulse propagation and dual-optical switching in a four-level quantum dot nanostructure. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 1928.	0.9	11
18	Coherent control of high-order harmonic generation by phase jump pulses. Optics Express, 2012, 20, 19289.	1.7	8

#	ARTICLE	IF	CITATIONS
19	Optical cavity quantum electrodynamics with dark-state polaritons. Physical Review A, 2014, 89, .	1.0	8
20	Single zeptosecond pulse generation from muonic atoms with nonlinear chirped laser pulses. Journal of Modern Optics, 2010, 57, 385-389.	0.6	7
21	Guiding light by the modulated electromagnetically induced transparency. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 445.	0.9	7
22	Steering of weak-light spatial solitons in a resonant lambda-type atomic system. Optics Communications, 2010, 283, 1471-1475.	1.0	6
23	Enhanced microwave electrometry with intracavity anomalous dispersion in Rydberg atoms. Optical and Quantum Electronics, 2020, 52, 1.	1.5	6
24	Different discrete soliton states in periodic optical induced waveguide lattice. Optics Express, 2007, 15, 6232.	1.7	5
25	Superluminal optical vector solitons in a five-level M-type atomic system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 065501.	0.6	5
26	Thirring-type spatial optical solitons in asymmetric quantum wells. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 025504.	0.6	5
27	Control of slow light in three- and four-level graphene nanostructures. Modern Physics Letters B, 2019, 33, 1950226.	1.0	5
28	Broadband optical nonreciprocity in an N-type thermal atomic system. Optics Communications, 2020, 462, 125343.	1.0	5
29	Effect of Phase Modulation on Electromagnetically Induced Grating in a Five-Level M-Type Atomic System. Chinese Physics Letters, 2017, 34, 074206.	1.3	4
30	Subluminal and superluminal pulse propagation influenced by strong nonlinear effects. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 235401.	0.6	3
31	Three-wave superluminal vector optical solitons in a seven-level atomic system. Journal of Nonlinear Optical Physics and Materials, 2017, 26, 1750054.	1.1	3
32	Surface plasmon-assisted optical bistability in the quantum dot-metal nanoparticle hybrid system. Journal of Modern Optics, 0, , 1-6.	0.6	2
33	Zero-dispersion waveguide of sub-skin-depth terahertz plasmons using metallic nanowires. Chinese Optics Letters, 2013, 11, 082401-82404.	1.3	2
34	Reconfigurable nonreciprocity with low insertion loss using a simple two-level system. Optics Express, 2020, 28, 38710.	1.7	2
35	Properties of Controllable Soliton Switching in Optical Lattices with Longitudinal Exponential-Asymptotic Modulation. Communications in Theoretical Physics, 2008, 50, 497-500.	1.1	1
36	Double-EIT laser cooling via amplitude and phase control of a microwave field. Optik, 2016, 127, 2978-2982.	1.4	1

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37	Multicolor coherence-induced grating in a three-level -type atomic system. Journal of Modern Optics, 2018, 65, 852-857.	0.6	1
38	Nonreciprocal transmission of multi-band optical signals in thermal atomic systems. Chinese Optics Letters, 2022, 20, 012701.	1.3	1
39	Focusing and defocusing dynamics of weak-light beam in a resonant three-level atomic system. Journal of Modern Optics, 2010, 57, 74-79.	0.6	0
40	High-order harmonic generation in sub-one-cycle regime. Chinese Physics B, 2012, 21, 064216.	0.7	0
41	Entanglement dynamics of electron spins in quantum dots under a nonuniform magnetic field. Journal of the Korean Physical Society, 2012, 60, 1238-1244.	0.3	0
42	Propagation properties of the terahertz waveguide using a metallic nanoslit narrower than skin depth. Chinese Optics Letters, 2016, 14, 072401-72404.	1.3	0