

Yihong Qi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Nonreciprocal transmission of multi-band optical signals in thermal atomic systems. Chinese Optics Letters, 2022, 20, 012701.	1.3	1
2	Quantum nonreciprocity based on electromagnetically induced transparency in chiral quantum-optical systems. Physical Review A, 2021, 103, .	1.0	15
3	Passive Nonlinear Optical Isolators Bypassing Dynamic Reciprocity. Physical Review Applied, 2021, 16, .	1.5	13
4	Cavity-Free Circulator with Low Insertion Loss Using Hot Atoms. Physical Review Applied, 2020, 14, .	1.5	16
5	Enhanced microwave electrometry with intracavity anomalous dispersion in Rydberg atoms. Optical and Quantum Electronics, 2020, 52, 1.	1.5	6
6	Broadband optical nonreciprocity in an N-type thermal atomic system. Optics Communications, 2020, 462, 125343.	1.0	5
7	Reconfigurable nonreciprocity with low insertion loss using a simple two-level system. Optics Express, 2020, 28, 38710.	1.7	2
8	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
9	Control of slow light in three- and four-level graphene nanostructures. Modern Physics Letters B, 2019, 33, 1950226.	1.0	5
10	Multiwavelength Magnetic-Free Optical Isolator by Optical Pumping in Warm Atoms. Physical Review Applied, 2019, 12, .	1.5	19
11	Control of electromagnetically induced grating by surface plasmon and tunneling in a hybrid quantum dot-metal nanoparticle system. Journal of Physics Condensed Matter, 2019, 31, 105801.	0.7	28
12	Thirring-type spatial optical solitons in asymmetric quantum wells. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 025504.	0.6	5
13	Multicolor coherence-induced grating in a three-level -type atomic system. Journal of Modern Optics, 2018, 65, 852-857.	0.6	1
14	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
15	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
16	Double-EIT laser cooling via amplitude and phase control of a microwave field. Optik, 2016, 127, 2978-2982.	1.4	1
17	Propagation properties of the terahertz waveguide using a metallic nanoslit narrower than skin depth. Chinese Optics Letters, 2016, 14, 072401-72404.	1.3	0
18	Strong photon blockade with intracavity electromagnetically induced transparency in a blockaded Rydberg ensemble. Physical Review A, 2015, 92, .	1.0	26

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19	Superluminal optical vector solitons in a five-level M-type atomic system. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 065501.	0.6	5
20	Guiding light by the modulated electromagnetically induced transparency. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2014, 31, 445.	0.9	7
21	Optical cavity quantum electrodynamics with dark-state polaritons. <i>Physical Review A</i> , 2014, 89, .	1.0	8
22	Controllable twin laser pulse propagation and dual-optical switching in a four-level quantum dot nanostructure. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2013, 30, 1928.	0.9	11
23	Electromagnetically induced grating in asymmetric quantum wells via Fano interference. <i>Optics Express</i> , 2013, 21, 12249.	1.7	103
24	Zero-dispersion waveguide of sub-skin-depth terahertz plasmons using metallic nanowires. <i>Chinese Optics Letters</i> , 2013, 11, 082401-82404.	1.3	2
25	Coherent control of high-order harmonic generation by phase jump pulses. <i>Optics Express</i> , 2012, 20, 19289.	1.7	8
26	High-order harmonic generation in sub-one-cycle regime. <i>Chinese Physics B</i> , 2012, 21, 064216.	0.7	0
27	Entanglement dynamics of electron spins in quantum dots under a nonuniform magnetic field. <i>Journal of the Korean Physical Society</i> , 2012, 60, 1238-1244.	0.3	0
28	Three-dimensional atom localization in a five-level M-type atomic system. <i>Journal of Modern Optics</i> , 2012, 59, 1092-1099.	0.6	45
29	Subluminal and superluminal pulse propagation influenced by strong nonlinear effects. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 235401.	0.6	3
30	Spatial vector solitons in a four-level tripod-type atomic system. <i>Physical Review A</i> , 2011, 84, .	1.0	23
31	Optical precursors with tunneling-induced transparency in asymmetric quantum wells. <i>Physical Review A</i> , 2011, 83, .	1.0	36
32	Phase control of coherent pulse propagation and switching based on electromagnetically induced transparency in a four-level atomic system. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011, 44, 085502.	0.6	21
33	Phase dependence of cross-phase modulation in asymmetric quantum wells. <i>Optics Communications</i> , 2011, 284, 276-281.	1.0	25
34	Single zeptosecond pulse generation from muonic atoms with nonlinear chirped laser pulses. <i>Journal of Modern Optics</i> , 2010, 57, 385-389.	0.6	7
35	Steering of weak-light spatial solitons in a resonant lambda-type atomic system. <i>Optics Communications</i> , 2010, 283, 1471-1475.	1.0	6
36	Focusing and defocusing dynamics of weak-light beam in a resonant three-level atomic system. <i>Journal of Modern Optics</i> , 2010, 57, 74-79.	0.6	0

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37	Control of resonant weak-light solitons via a periodic modulated control field. Physical Review E, 2010, 82, 016602.	0.8	15
38	Single attosecond pulse generation from multicycle nonlinear chirped pulses. Physical Review A, 2009, 80, .	1.0	19
39	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
40	Properties of Controllable Soliton Switching in Optical Lattices with Longitudinal Exponential-Asymptotic Modulation. Communications in Theoretical Physics, 2008, 50, 497-500.	1.1	1
41	Different discrete soliton states in periodic optical induced waveguide lattice. Optics Express, 2007, 15, 6232.	1.7	5
42	Surface plasmon-assisted optical bistability in the quantum dot-metal nanoparticle hybrid system. Journal of Modern Optics, 0, , 1-6.	0.6	2