Electromagnetically induced transparency: Optics in co

Reviews of Modern Physics 77, 633-673 DOI: 10.1103/revmodphys.77.633

Citation Report

#	Article	IF	CITATIONS
2	Pressure-Induced Resistance and Color Change in KTN. Japanese Journal of Applied Physics, 1980, 19, L248-L250.	1.5	2
3	Development of Ultrasound Transducer with Double-Peak-Type Frequency Characteristics for Harmonic Imaging and Subharmonic Imaging. Japanese Journal of Applied Physics, 2002, 41, 3619-3623.	1.5	14
4	Electromagnetically induced transparency with tunable single-photon pulses. Nature, 2005, 438, 837-841.	27.8	635
5	Influence of relaxation on propagation, storage, and retrieving of light pulses in a medium with electromagnetically induced transparency. Physical Review A, 2005, 72, .	2.5	11
6	Off-resonant preparation of a vibrational coherence for enhanced stimulated Raman scattering. Physical Review A, 2005, 72, .	2.5	8
7	Theoretical investigation of electromagnetically induced transparency in a crystal of molecular magnets. Physical Review B, 2006, 74, .	3.2	30
8	Three-way entanglement and three-qubit phase gate based on a coherent six-level atomic system. Physical Review A, 2006, 74, .	2.5	51
9	Surface Plasmon Optics. , 2006, , .		0
10	Transparency and delay in resonant scattering of gamma photons. Journal of Modern Optics, 2006, 53, 2485-2494.	1.3	1
11	Tunable photonic crystals based on EIT media. , 2006, 6352, 195.		1
12	Enhancing Kerr nonlinearity in an asymmetric double quantum well via Fano interference. Physical Review B, 2006, 74, .	3.2	122
13	Voltage-controlled slow light in asymmetry double quantum dots. Applied Physics Letters, 2006, 89, 052115.	3.3	103
14	Spatiotemporal quantum manipulation of traveling light: Quantum transport. Applied Physics Letters, 2006, 88, 121117.	3.3	5
15	Transients of the electromagnetically-induced-transparency-enhanced refractive Kerr nonlinearity: Theory. Physical Review A, 2006, 74, .	2.5	26
16	Combined effect of spontaneously generated coherence and dynamically induced coherence in a three-level closed $\hat{ h }$ system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 4525-4538.	1.5	14
17	Two types of adiabatons in electromagnetically induced transparency. Physical Review A, 2006, 74, .	2.5	12
18	Quantum phase-gate operation based on nonlinear optics: Full quantum analysis. Physical Review A, 2006, 73, .	2.5	60
19	Stable high-dimensional spatial weak-light solitons in a resonant three-state atomic system. Physical Review E, 2006, 74, 046601.	2.1	48

#	Article	IF	Citations
20	Spin Squeezing and Light Entanglement in Coherent Population Trapping. Physical Review Letters, 2006, 97, 023605.	7.8	59
21	Assessment of a quantum phase-gate operation based on nonlinear optics. Physical Review A, 2006, 74, .	2.5	14
22	Generalized nonlinear Schrödinger equation and ultraslow optical solitons in a cold four-state atomic system. Physical Review E, 2006, 73, 036607.	2.1	47
23	Formation and propagation of coupled ultraslow optical soliton pairs in a cold three-state double-ĥsystem. Physical Review E, 2006, 73, 056606.	2.1	58
24	Blue five-level frequency-upconversion system in rubidium. Optics Letters, 2006, 31, 1002.	3.3	84
25	Experimental preparation of pure superposition states of atoms via elliptically polarized bichromatic radiation. Optics Letters, 2006, 31, 2060.	3.3	18
26	Decoherence of electromagnetically induced transparency in atomic vapor. Optics Letters, 2006, 31, 2625.	3.3	94
27	Manipulating the retrieved frequency and polarization of stored light pulses. Optics Letters, 2006, 31, 3511.	3.3	21
28	Dispersive effects on optical information storage in Bose-Einstein condensates with ultraslow short pulses. Journal of the Optical Society of America B: Optical Physics, 2006, 23, 1925.	2.1	5
29	Voltage-controlled slow light in an integrated semiconductor structure with net gain. Optics Express, 2006, 14, 9955.	3.4	42
30	Fano interference effect on the transition spectrum of single-electron transistors. Physical Review B, 2006, 73, .	3.2	0
31	Coherent population trapping in a single-hole-charged quantum dot. Physica Status Solidi (B): Basic Research, 2006, 243, 3725-3729.	1.5	10
32	Strongly interacting polaritons in coupled arrays of cavities. Nature Physics, 2006, 2, 849-855.	16.7	830
33	Quantum-interference effects for gamma radiation under crossing-anticrossing conditions for nuclear levels in an RF field. JETP Letters, 2006, 84, 176-179.	1.4	2
34	State reconstruction of a qutrit by a minimal set of discrete measurements. Optics Communications, 2006, 264, 368-374.	2.1	8
35	Enhanced four-wave mixing in mercury isotopes, prepared by stark-chirped rapid adiabatic passage. Optics Communications, 2006, 264, 463-470.	2.1	21
36	Coherent control of laser pulse temporal duration: An experimental proposal. Optics Communications, 2006, 264, 471-474.	2.1	6
37	Phase control of spontaneous emission by cascade bichromatic excitation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 352, 543-549.	2.1	19

#	Article	IF	CITATIONS
38	Controllable entanglement of lights in a five-level system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 354, 1-7.	2.1	34
39	Coherent control of stationary light pulses. Optics Communications, 2006, 264, 441-453.	2.1	61
40	Optimized control of generation of few cycle pulses by molecular modulation. Optics Communications, 2006, 264, 454-462.	2.1	12
41	Dynamic control of coherent pulses via Fano-type interference in asymmetric double quantum wells. Physical Review A, 2006, 73, .	2.5	38
42	Adiabatic propagation of quantized light pulses in an atomic medium with the tripod level configuration. Journal of Experimental and Theoretical Physics, 2006, 103, 365-369.	0.9	6
43	Cross phase modulation in a five–level atomic medium: semiclassical theory. European Physical Journal D, 2006, 40, 281-296.	1.3	39
44	Expansion of the relative time delay by switching between slow and fast light using coherent population oscillation with semiconductors. Applied Physics B: Lasers and Optics, 2006, 85, 493-501.	2.2	16
45	Coherent Control of Absorption Resonances via Antirotating Coupling. Chinese Physics Letters, 2006, 23, 1765-1768.	3.3	0
46	Sideband-Induced Two-Photon Transparency. Chinese Physics Letters, 2006, 23, 2084-2087.	3.3	0
47	Squeezing in the output field from a one-dimensional atom. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 4853-4859.	1.5	1
48	Coherent population trapping and electromagnetically induced transparency in a five-levelM-type atom. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 463-471.	1.5	17
49	Quantum Correlations of Two Optical Fields Close to Electromagnetically Induced Transparency. Physical Review Letters, 2006, 97, 253601.	7.8	40
50	Light-induced effective magnetic fields for ultracold atoms in planar geometries. Physical Review A, 2006, 73, .	2.5	111
51	Enhanced frequency conversion of nonadiabatic resonant pulses in coherently preparedĥsystems. Physical Review A, 2006, 73, .	2.5	12
52	Quantum phase gate operation based on nonlinear optics: Full quantum analysis. , 2006, , .		2
53	Electromagnetically Induced Transparency in rare-earth ¹⁶⁷ Er ³⁺ -doped Y <inf>2</inf> SiO <inf>5</inf> crystal. , 2006, , .		0
54	Application of electromagnetically induced transparency for cold-atom velocimetry. Physical Review A, 2006, 73, .	2.5	8
55	Quantum mechanical study of resonant scattering in a nuclearΛscheme. Physical Review B, 2006, 74, .	3.2	7

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#	Article	IF	CITATIONS
56	Manipulating spectral anomalies of focused pulses in a medium with electromagnetically induced transparency. Physical Review A, 2006, 73, .	2.5	6
57	Optical pumping-assisted electromagnetically induced transparency. Physical Review A, 2006, 73, .	2.5	30
58	EIT enhancement of 4-wave mixing for correlated photon generation. , 2006, , .		0
59	Quantum sensitivity limit of a Sagnac hybrid interferometer based on slow-light propagation in ultracold gases. Physical Review A, 2006, 74, .	2.5	7
60	Population transfer via stimulated Raman adiabatic passage in a solid. Physical Review A, 2006, 74, .	2.5	36
61	Information-disturbance trade-off in quantum-state discrimination. Physical Review A, 2006, 74, .	2.5	26
62	Diffuse light scattering dynamics under conditions of electromagnetically induced transparency. Physical Review A, 2006, 74, .	2.5	28
63	Coherent population trapping via a continuum with a train of ultrashort pulses. Physical Review A, 2006, 74, .	2.5	5
64	Transverse effects in paired-photon generation via an electromagnetically induced transparency medium. II. Beyond perturbation theory. Physical Review A, 2006, 74, .	2.5	26
65	Transverse effects in paired-photon generation via an electromagnetically induced transparency medium. I. Perturbation theory. Physical Review A, 2006, 74, .	2.5	30
66	Field autocorrelations in electromagnetically induced transparency: Effects of a squeezed probe field. Physical Review A, 2006, 74, .	2.5	8
67	First-principles experimental observation of coherent hole burnings in atomic rubidium vapor. Physical Review A, 2006, 74, .	2.5	16
68	Enhancement of Electron Spin Coherence by Optical Preparation of Nuclear Spins. Physical Review Letters, 2006, 96, 136401.	7.8	128
69	Cancellation of Stark Shifts in Optical Lattice Clocks by Use of Pulsed Raman and Electromagnetically Induced Transparency Techniques. Physical Review Letters, 2006, 97, 233001.	7.8	43
70	Coherent and phase-sensitive phenomena of ultrashort laser pulses propagating in three-levelî›-type systems studied with the finite-difference time-domain method. Physical Review A, 2006, 73, .	2.5	23
71	Evaluation of cavity quantum electrodynamics parameters for a planar-cavity geometry. Physical Review A, 2006, 73, .	2.5	3
72	Quantum manipulation of two-color stationary light: Quantum wavelength conversion. Physical Review A, 2006, 73, .	2.5	67
73	Magnetically induced suppression and enhancement of optical excitation of ruby at anticrossing points. Physical Review A, 2006, 73, .	2.5	1

#	Article	IF	CITATIONS
74	Dark-state polaritons for quantum memory in a five-levelM-type atomic ensemble. Physical Review A, 2006, 73, .	2.5	12
75	Slow-light soliton dynamics with relaxation. , 2007, , .		0
76	Coherent population trapping in a finite-size buffer-less cell. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 3851-3860.	1.5	21
77	Near-deterministic generation of four-mode <i>W</i> -type entangled coherent states. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 3309-3318.	1.5	24
78	Coherent Population Trapping Induced by Phase Modulated and Fluctuating Fields. Chinese Physics Letters, 2007, 24, 424-427.	3.3	1
79	Six-Fold Degenerate Dark States in a Four-Level Atomic System. Chinese Physics Letters, 2007, 24, 428-431.	3.3	0
80	Light scattering under conditions of nonstationary electromagnetically induced transparency. Quantum Electronics, 2007, 37, 1130-1136.	1.0	2
81	Light grating storage in cold atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 2809-2815.	1.5	12
82	Narrow bandwidth electromagnetically induced transparency in optically trapped atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 1907-1915.	1.5	7
83	Rapid adiabatic passage in a Pr3+:Y2SiO5crystal. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, S345-S358.	1.5	13
84	Two-Time Intensity Correlations and Multiple Interference Mechanisms in a Driven Cascade Atom. Chinese Physics Letters, 2007, 24, 432-435.	3.3	3
85	Propagation of frequency-chirped laser pulses in a medium of atoms with a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>i></mml:mi>-level scheme. Physical Review A, 2007, 76, .</mml:math 	2.5	5
86	Deflection of slow light by magneto-optically controlled atomic media. Physical Review A, 2007, 76, .	2.5	26
87	Dynamical evolution and analytical solutions for multiple degenerate dark states in the tripod-type atomic system. Physical Review A, 2007, 75, .	2.5	13
88	Analog to multiple electromagnetically induced transparency in all-optical drop-filter systems. Physical Review A, 2007, 75, .	2.5	92
89	Intermixing between four-wave mixing and six-wave mixing in a four-level atomic system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 3319-3329.	1.5	9
90	Photon storage in < mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < mml:mi> b < /mml:mi> < /mml:math>-type optically dense atomic media. II. Free-space model. Physical Review A, 2007, 76, .	2.5	193
91	Creation of a photonic time-bin qubit via parametric interaction of photons in a driven resonant medium. Physical Review A, 2007, 75, .	2.5	7

		CITATION REPORT	
#	Article	IF	CITATIONS
92	Biphoton generation in a two-level atomic ensemble. Physical Review A, 2007, 75, .	2.5	42
93	Tunable photonic band gaps with coherently driven atoms in optical lattices. Physical Review A, 200 76, .	07, 2.5	36
94	Tunable Negative Refraction without Absorption via Electromagnetically Induced Chirality. Physical Review Letters, 2007, 99, 073602.	7.8	131
95	Strong correlation and anticorrelation via quantum coherence in a cascade atom with split metastable states. Physical Review A, 2007, 75, .	2.5	7
96	Coherent accumulation of excitation in the electromagnetically induced transparency of an ultrashort pulse train. Physical Review A, 2007, 76, .	2.5	25
97	Electromagnetically Induced Transparency for X Rays. Physical Review Letters, 2007, 98, 253001.	7.8	70
98	Manipulating slow-light propagation modes in cold atomic media. Physical Review A, 2007, 76, .	2.5	4
99	Ultraslow and superluminal light propagation in a four-level atomic system. Physical Review A, 2007 76, .	, 2.5	39
100	Ultrashort pulse control of space-dependent excitations in a three-level system. Physical Review A, 2007, 75, .		10
101	Electromagnetically induced transparency with structured multicontinua. Physical Review A, 2007, 75,		13
102	Novel Method for Solving the Quantum Nonlinear Dynamics of Photons: Use of a Classical Input. Physical Review Letters, 2007, 98, 223902.	7.8	19
103	Effective Spin Systems in Coupled Microcavities. Physical Review Letters, 2007, 99, 160501.	7.8	158
104	Push-Pull Laser-Atomic Oscillator. Physical Review Letters, 2007, 99, 223001.	7.8	18
105	Opacity of Electromagnetically Induced Transparency for Quantum Fluctuations. Physical Review Letters, 2007, 98, 033602.	7.8	23
106	Strong Photon Nonlinearities and Photonic Mott Insulators. Physical Review Letters, 2007, 99, 103	601. 7.8	99
107	Delay-bandwidth product of electromagnetically induced transparency media. Physical Review A, 20 75, .	007, 2.5	20
108	EIT with counter-propagating probe-coupling beams in acetylene-filled HC-PCF. , 2007, , .		0
109	Highly efficient four-wave mixing in a coherent six-level system in ultraslow propagation regime. Physical Review A, 2007, 76, .	2.5	32

	Ο ΓΙΤΑΤΙΟΝ Ι	Report	
#	Article	IF	CITATIONS
110	Wave-function analysis of dynamic cancellation of ac Stark shifts in optical lattice clocks by use of pulsed Raman and electromagnetically-induced-transparency techniques. Physical Review A, 2007, 76, .	2.5	5
111	Suppression and recovery of the trapping of atoms using a ladder-type electromagnetically induced transparency. Physical Review A, 2007, 76, .	2.5	4
112	Coherent quantum engineering of free-space laser cooling. Physical Review A, 2007, 76, .	2.5	14
113	Quantum interference near a photonic band edge beyond the weak-field approximation. Physical Review A, 2007, 76, .	2.5	9
114	Strongly Interacting Polaritons in Coupled Arrays of Cavities. , 2007, , .		3
115	Beam splitting and Hong-Ou-Mandel interference for stored light. Physical Review A, 2007, 75, .	2.5	47
116	New generalized hyperbolic functions to find new coupled ultraslow optical soliton pairs in a cold three-state double-â^§ system. Physica Scripta, 2007, 76, 8-14.	2.5	4
117	Dark and bright Doppler-free resonances observed in atomic 87 Rb vapor. Europhysics Letters, 2007, 78, 44002.	2.0	9
118	Study of optical microcavities with electromagnetically induced transparency for developing new photonic devices. , 2007, , .		2
119	<title>Laser system for EIT spectroscopy of cold Rb atoms</title> ., 2007, , .		3
120	Cold Atom Interferometry. Journal of Physics: Conference Series, 2007, 80, 012047.	0.4	2
121	Strong-field control of x-ray absorption. Journal of Physics: Conference Series, 2007, 88, 012052.	0.4	11
122	Superluminality and UV completion. Nuclear Physics B, 2007, 778, 219-258.	2.5	76
123	Electromagnetically induced self-imaging. Optics Letters, 2007, 32, 1162.	3.3	26
124	Numerical investigation of electromagnetically induced transparency in a quantum dot structure. Optics Express, 2007, 15, 6396.	3.4	70
125	Generating Bragg solitons in a coherent medium. Optics Express, 2007, 15, 7933.	3.4	1
126	Many-body theory of quantum coherence in semiconductor quantum dots. Journal of Modern Optics, 2007, 54, 2413-2424.	1.3	13
127	Control over group velocity in a three-level closed Î> system via spontaneously generated coherence and dynamically induced coherence. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 4287-4306.	1.5	20

	CITA	TION REPORT	
#	Article	IF	CITATIONS
128	Control of probe response and dispersion in a three level closed Λ system: Interplay between spontaneously generated coherence and dynamically induced coherence. Journal of Physics: Conference Series, 2007, 80, 012030.	0.4	10
129	Theoretical study of electromagnetically induced transparency in a five-level atom and application to Doppler-broadened and Doppler-free Rb atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 4061-4075.	1.5	33
130	Giant Kerr nonlinearities and solitons in a crystal of molecular magnets. Applied Physics Letters, 2007, 91, .	3.3	184
131	Photon storage in <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"><mml:mi>ĥ</mml:mi></mml:math> -type optically dense atomic media. I. Cavity model. Physical Review A, 2007, 76, .	2.5	180
132	Theory of Dicke narrowing in coherent population trapping. Physical Review A, 2007, 76, .	2.5	32
133	Microscopic theory of quantum dot interactions with quantum light: Local field effect. Physical Review B, 2007, 76, .	3.2	21
134	Phase dynamics and interference in EIT. Journal of Modern Optics, 2007, 54, 2459-2471.	1.3	28
135	Suppression ofγ-photon absorption via quantum interference. Journal of Modern Optics, 2007, 54, 2595-2605.	1.3	6
136	Nondestructive interaction-free atom-photon controlled-NOT gate. Physical Review A, 2007, 75, .	2.5	5
137	Phase control of cross-phase modulation with electromagnetically induced transparency. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 3037-3043.	1.5	29
138	Nonlinear optical effects in a doubly driven four-level atom. Physica Scripta, 2007, 75, 345-353.	2.5	37
139	Coherent Optical Detection of Highly Excited Rydberg States Using Electromagnetically Induced Transparency. Physical Review Letters, 2007, 98, 113003.	7.8	480
140	Polarization rotation of slow light with orbital angular momentum in ultracold atomic gases. Physical Review A, 2007, 76, .	2.5	42
141	Quantum Noise of Single-Photon Sources Based on Electromagnetically Induced Transparency. , 2007, ,		0
142	Doubly dressed states in a ladder-type system with electromagnetically induced transparency. Physical Review A, 2007, 76, .	2.5	16
143	Laser-pulse compression by coherent control in a Doppler-broadened medium: Analytical and numerical studies. Physical Review A, 2007, 76, .	2,5	6
144	Resonance theory of electromagnetically induced transparency: The effect of structured multiâ€continua. Israel Journal of Chemistry, 2007, 47, 233-241.	2.3	2
145	Intrinsic optical bistability of thin films of linear molecular aggregates: The one-exciton approximation. Journal of Chemical Physics, 2007, 127, 164705.	3.0	15

#	Article	IF	Citations
146	A study of the ac Stark effect in doped photonic crystals. Journal of Physics Condensed Matter, 2007, 19, 156229.	1.8	22
147	Evidence for Coherent Collective Rydberg Excitation in the Strong Blockade Regime. Physical Review Letters, 2007, 99, 163601.	7.8	299
148	Optimal Control of Light Pulse Storage and Retrieval. Physical Review Letters, 2007, 98, 243602.	7.8	189
149	Electromagnetically induced transparency line shapes for large probe fields and optically thick media. Physical Review A, 2007, 76, .	2.5	20
150	Transients of the electromagnetically-induced-transparency-enhanced refractive Kerr nonlinearity. Physical Review A, 2007, 76, .	2.5	25
151	Simplification of the electromagnetically induced transparency system with degenerate Zeeman states. Physical Review A, 2007, 76, .	2.5	7
152	Photonic Crystal Waveguide Weakly Interacting with Multiple Off-Channel Resonant Features Formed of Kerr Nonlinear Dielectric Media. Advances in OptoElectronics, 2007, 2007, 1-10.	0.6	4
153	Temporal Compression of Laser Pulses by Coherent Control. AIP Conference Proceedings, 2007, , .	0.4	0
154	Possible EIT-like effects in strong-field photo-dissociation of carbon disulphide. Chemical Physics Letters, 2007, 438, 31-35.	2.6	4
155	Sub-Doppler spectral resolution in a resonantly driven four-level coherent medium. Optics Communications, 2007, 269, 362-369.	2.1	30
156	Stimulated Raman adiabatic passage via the ionization continuum in helium: Experiment and theory. Optics Communications, 2007, 271, 475-486.	2.1	17
157	Enhanced frequency conversion of nonadiabatic pulses in a double \hat{I} system driven by two pumps with and without carrier beams. Optics Communications, 2007, 277, 186-195.	2.1	11
158	Controlling statistical properties of stored light. Optics Communications, 2007, 279, 324-329.	2.1	8
159	xmins:xocs= http://www.elsevier.com/xmi/xocs/dtd_xmins:xs= http://www.w3.org/2001/XMLSchema xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"	2.1	23
160	A new family of Thirring type optical spatial solitons via electromagnetically induced transparency. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 362, 435-438.	2.1	64
161	Transient optical properties of coherent four-level atoms without undepleted ground-state approximation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 368, 336-340.	2.1	7
162	Quantum control and manipulation of multi-color light fields. Optics and Spectroscopy (English) Tj ETQq0 0 0 rgE	3T /Overloc 0.6	:k 10 Tf 50 1 12

163	Rubidium on a chip. Nature Photonics, 2007, 1, 315-316.	
-----	---	--

		CITATION R	EPORT	
#	Article		IF	CITATIONS
164	A single-photon transistor using nanoscale surface plasmons. Nature Physics, 2007, 3,	807-812.	16.7	1,074
165	Temporal compression of nanosecond laser pulses using coherent control. Laser Physic 148-151.	cs, 2007, 17,	1.2	0
166	Where is the energy of slow light stored?. Laser Physics, 2007, 17, 652-655.		1.2	3
167	Level mixing induced transparency. Laser Physics, 2007, 17, 716-719.		1.2	0
168	Coherent influence of RF field on the gamma-optical properties of a medium upon crossing-anticrossing of nuclear levels. Laser Physics, 2007, 17, 765-771.		1.2	0
169	Group velocity in a nuclear EIT-like $\hat{\mathbf{b}}$ scheme and comparison with optical EIT. Laser Ph 1234-1239.	ysics, 2007, 17,	1.2	3
170	Structural features of self-action of laser radiation in the electromagnetic induced tran mode. Journal of Experimental and Theoretical Physics, 2007, 105, 900-908.	sparency	0.9	1
171	Electromagnetically induced transparency in crystals of magnetic molecules. Bulletin o Academy of Sciences: Physics, 2007, 71, 39-42.	f the Russian	0.6	0
172	Quantum interference effects of Î ³ radiation under crossing-anticrossing of nuclear lev field. Bulletin of the Russian Academy of Sciences: Physics, 2007, 71, 1211-1215.	els in an RF	0.6	1
173	Acoustic wave in a crystal of molecular magnets in the presence of a strong resonant r Physical Review B, 2007, 76, .	nagnetic field.	3.2	3
174	Robust Population Transfer by Stimulated Raman Adiabatic Passage in aPr3+:Y2SiO5C Review Letters, 2007, 99, 113003.	rystal. Physical	7.8	101
175	A simple scheme for precise relative frequency stabilization of lasers. Applied Physics B Optics, 2007, 88, 21-28.	: Lasers and	2.2	13
176	A Minimum-Disturbing Quantum State Discriminator. Open Systems and Information I 17-24.	Dynamics, 2007, 14,	1.2	1
177	Weak-light gap solitons in a resonant three-level system. Physics Letters, Section A: Ge and Solid State Physics, 2007, 366, 528-533.	meral, Atomic	2.1	11
178	Effective generation of polarization-entangled photon pairs in a cavity-QED system. Ph Section A: General, Atomic and Solid State Physics, 2008, 372, 5959-5963.	ysics Letters,	2.1	4
179	Infrared-light propagation and storing through two lateral tunnel-coupled InGaAs/GaAs dots. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 70	quantum 086-7090.	2.1	5
180	Giant Kerr effect in closed degenerate two-level transitions. Applied Physics B: Lasers a 2008, 90, 273-277.	nd Optics,	2.2	10
181	Optical solitons in a four-level inverted-Y system. Applied Physics B: Lasers and Optics,	2008, 91, 359-362.	2.2	9

#	Article		CITATIONS
182	Single-photon Transistors Based on the Interaction of an Emitter and Surface Plasmons. Nanoscale Research Letters, 2008, 3, .		8
183	Quantum manyâ€body phenomena in coupled cavity arrays. Laser and Photonics Reviews, 2008, 2, 527-556.	8.7	399
184	Magnetoinductive and Electroinductive Coupling in Plasmonic Metamaterial Molecules. Advanced Materials, 2008, 20, 4521-4525.	21.0	253
185	Transient properties of voltage-controlled transparency in an asymmetric double quantum dot. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 2010-2012.	2.7	17
186	Electromagnetically induced absorption and transparency in an optical-rf two-photon coupling configuration. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 176-180.	2.1	10
187	Quantum light memory using quantum dot spins in a microdisk cavity via Raman process. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 197-203.	2.1	0
188	Ultraslow optical solitons in a four-level tripod atomic system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 3129-3135.	2.1	7
189	Two-component spatial optical solitons in a four-state ladder system via electromagnetically induced transparency. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 4127-4134.	2.1	13
190	Parametric conversion and maximally entangled photon pair via collective excitations in a cycle atomic ensemble. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 5660-5665.	2.1	0
191	Subluminal and superluminal propagation in a three-level atom in the radiative limit based on coherent population oscillations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 6334-6339.	2.1	12
192	Optogalvanic detection of velocity-selective optical pumping in an open, cascade atomic medium. Optics Communications, 2008, 281, 626-632.	2.1	3
193	Controlled optical switching based on dipole-induced transparency in a cavity–waveguide system. Optics Communications, 2008, 281, 4048-4053.	2.1	16
194	Long wavelength infrared photodetector design based on electromagnetically induced transparency. Optics Communications, 2008, 281, 3739-3747.	2.1	17
195	Precise measurement of optical frequency with the help of electromagnetically induced transparency. Optics Communications, 2008, 281, 4951-4955.	2.1	8
196	Electromagnetically induced negative refraction in an atomic system with spontaneously generated coherence. Optics Communications, 2008, 281, 5566-5570.	2.1	11
197	Controllable gain, absorption and dispersion properties of an asymmetric double quantum dot nanostructure. Superlattices and Microstructures, 2008, 44, 166-172.	3.1	27
198	Femtosecond induced transparency and absorption in the extreme ultraviolet by coherent coupling of the He 2s2p (1Po) and 2p2 (1Se) double excitation states with 800nm light. Chemical Physics, 2008, 350, 7-13.	1.9	82
199	Coherent hole-burnings induced by a bichromatic laser field. Optics Communications, 2008, 281, 3137-3142.	2.1	5

#	Article	IF	CITATIONS
200	Control of optical dynamic memory capacity of an atomic Bose-Einstein condensate. European Physical Journal: Special Topics, 2008, 160, 399-409.	2.6	0
201	Single-photon transistor using microtoroidal resonators. Physical Review A, 2008, 78, .	2.5	40
202	Vacuum induced interference effect in probe absorption in a driven Y-type atom. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 055501.	1.5	19
203	Nonclassical light generation via a four-level inverted-Y system. Physical Review A, 2008, 77, .	2.5	42
204	Electromagnetically induced transparency of magnetic nanoclusters under the action of a two-frequency pump field. Journal of Surface Investigation, 2008, 2, 537-540.	0.5	0
205	Coherent population trapping (Electromagnetically induced transparency) resonance in cells of finite sizes. Technical Physics, 2008, 53, 498-503.	0.7	0
206	Crystallization of strongly interacting photons in a nonlinear optical fibre. Nature Physics, 2008, 4, 884-889.	16.7	170
207	A giant electro-optic effect using polarizable dark states. Nature Physics, 2008, 4, 890-894.	16.7	159
208	Stimulated Raman process in a scattering medium applied to the quantum memory scheme. Physical Review A, 2008, 78, .	2.5	8
209	Study of nonlinear effects in photonic crystals doped with nanoparticles. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 135401.	1.5	5
210	Multimode Memories in Atomic Ensembles. Physical Review Letters, 2008, 101, 260502.	7.8	134
211	Strong-Field Control of X-Ray Processes. Advances in Atomic, Molecular and Optical Physics, 2008, , 219-259.	2.3	2
212	Collision-assisted electromagnetically induced control of coherent population transfer. Physical Review A, 2008, 78, .	2.5	19
213	Decaying-dressed-state analysis of a coherently driven three-level $\hat{\mathbf{I}}$ system. Journal of Modern Optics, 2008, 55, 3159-3171.	1.3	58
214	Diffusion-induced decoherence of stored optical vortices. Physical Review A, 2008, 77, .	2.5	32
215	Image storage in hot vapors. Physical Review A, 2008, 77, .	2.5	27
216	Phase-Sensitive Manipulations of a Squeezed Vacuum Field in an Optical Parametric Amplifier inside an Optical Cavity. Physical Review Letters, 2008, 101, 233602.	7.8	39
217	Observation of Nonlinear Optical Interactions of Ultralow Levels of Light in a Tapered Optical Nanofiber Embedded in a Hot Rubidium Vapor. Physical Review Letters, 2008, 100, 233602.	7.8	121

#	Article	IF	CITATIONS
218	Coherent manipulations of atoms using laser light. Acta Physica Slovaca, 2008, 58, .	1.4	61
219	Dressed excitons within an incoherent electron gas: Observation of a Mollow triplet and an Autler-Townes doublet. Physical Review B, 2008, 77, .	3.2	16
220	Plasmon-Induced Transparency in Metamaterials. Physical Review Letters, 2008, 101, 047401.	7.8	2,020
221	Metamaterial Analog of Electromagnetically Induced Transparency. Physical Review Letters, 2008, 101, 253903.	7.8	760
222	Quantum optics and atomic physics using plasmonics. , 2008, , .		0
223	Dark-state polaritons for multicomponent and stationary light fields. Physical Review A, 2008, 77, .	2.5	59
224	Electromagnetically induced transparency and retrieval of light pulses in a ĥ-type and a V-type level scheme in Pr ³⁺ :Y ₂ SiO ₅ . Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 074001.	1.5	58
225	Controlled light-pulse propagation in driven color centers in diamond. Physical Review B, 2008, 77, .	3.2	40
226	Slow-light solitons: Influence of relaxation. Europhysics Letters, 2008, 81, 40009.	2.0	0
227	Group velocity control in the ultraviolet domain via interacting dark-state resonances. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 025504.	1.5	26
228	Coherent Control of Low Loss Surface Polaritons. Physical Review Letters, 2008, 101, 263601.	7.8	47
229	Generation of Cluster-Type Entangled Coherent States via Cross-Kerr Nonlinearity. Chinese Physics Letters, 2008, 25, 839-842.	3.3	13
230	Absolute absorption on rubidium D lines: comparison between theory and experiment. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 155004.	1.5	188
231	Control of Four-Level Quantum Coherence via Discrete Spectral Shaping of an Optical Frequency Comb. Physical Review Letters, 2008, 100, 203001.	7.8	69
232	Observation of optical precursors at the biphoton level. Optics Letters, 2008, 33, 2149.	3.3	47
233	Coherence transfer between atomic ground states by the technique of stimulated Raman adiabatic passage. Optics Letters, 2008, 33, 2380.	3.3	13
234	Matched slow pulses using double electromagnetically induced transparency. Optics Letters, 2008, 33, 2659.	3.3	44
235	Phase control of the Kerr nonlinearity in electromagnetically induced transparency media. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 065504.	1.5	29

#	Article	IF	CITATIONS
236	Fifth-order nonlinearity and 3-qubit phase gate in a five-level tripod atomic system. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 504.	2.1	7
237	Methods for producing optical coherent state superpositions. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 712.	2.1	86
238	Controlling the photonic band structure of optically driven cold atoms. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 1840.	2.1	38
239	Slow-light interferometry: practical limitations to spectroscopic performance. Journal of the Optical Society of America B: Optical Physics, 2008, 25, C136.	2.1	36
240	Quantum random walks in a coherent atomic system via electromagnetically induced transparency. Journal of the Optical Society of America B: Optical Physics, 2008, 25, C39.	2.1	2
241	Narrowband biphoton generation near atomic resonance. Journal of the Optical Society of America B: Optical Physics, 2008, 25, C98.	2.1	132
242	Investigation of quantum coherence excitation and coherence transfer in an inhomogeneously broadened rare-earth doped solid. Optics Express, 2008, 16, 5350.	3.4	10
243	Observations of self-induced ultraslow light in a persistent spectral hole burning medium. Optics Express, 2008, 16, 16723.	3.4	16
244	Controllable entanglement and polarization phase gate in coupled double quantum-well structures. Optics Express, 2008, 16, 17161.	3.4	27
245	Generation of super-resolution atomic state density distribution based on temporallycascaded multiple light exposures. Optics Express, 2008, 16, 21982.	3.4	11
246	Quantum Memory for Squeezed Light. Physical Review Letters, 2008, 100, 093602.	7.8	321
247	Transient electromagnetically induced transparency in self-assembled quantum dots. Applied Physics Letters, 2008, 92, .	3.3	93
248	Coupling Whispering-Gallery-Mode Microcavities With Modal Coupling Mechanism. IEEE Journal of Quantum Electronics, 2008, 44, 1065-1070.	1.9	18
249	Analysis of experimental feasibility of polar-molecule-based phase gates. Physical Review A, 2008, 78, .	2.5	46
250	Efficient spatially resolved multimode quantum memory. Physical Review A, 2008, 78, .	2.5	50
251	Quantum-Mechanical Theory of the Nonlinear Optical Susceptibility. , 2008, , 135-206.		12
252	Dynamic control of EIT by changing optical phase. Journal of Modern Optics, 2008, 55, 3093-3099.	1.3	9
253	Observation of Dressed Excitonic States in a Single Quantum Dot. Physical Review Letters, 2008, 100, 177401.	7.8	75

#	Article	IF	CITATIONS
254	Phase shift caused by microwave field based on light storage. Journal of Modern Optics, 2008, 55, 1947-1952.	1.3	2
255	Study of resonant χ(3)processes in a double-ladder system. Journal of Modern Optics, 2008, 55, 3109-3119.	1.3	10
256	Entangled Radiation through an Atomic Reservoir Controlled by Coherent Population Trapping. Chinese Physics Letters, 2008, 25, 3234-3237.	3.3	2
257	Dressed-state coherent population trapping in a V-type atom. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 235401.	1.5	3
258	X-ray refractive index of laser-dressed atoms. Physical Review A, 2008, 78, .	2.5	16
259	Single Photon Absorption by a Single Quantum Emitter. Physical Review Letters, 2008, 100, 093603.	7.8	86
260	Increase of the fractional delay of the pulse in an electromagnetically-induced-transparency medium. Physical Review A, 2008, 78, .	2.5	1
261	Single spins in self-assembled quantum dots. , 2008, , .		0
262	Absorptive reduction and width narrowing in λ-type atoms confined between two dielectric walls. Chinese Physics B, 2008, 17, 2885-2889.	1.4	7
263	Terahertz asymmetric quantum well infrared photodetector design based on electromagnetically induced transparency. , 2008, , .		1
264	Electromagnetically Induced Transparency and Soliton Propagations. Journal of the Physical Society of Japan, 2008, 77, 024003.	1.6	3
265	Geometric potentials in quantum optics: A semi-classical interpretation. Europhysics Letters, 2008, 83, 60001.	2.0	33
266	Two narrow bandwidth photons interfering in an electromagnetically induced transparency (EIT) system. Chinese Physics B, 2008, 17, 1798-1803.	1.4	15
267	Photon–photon interactions with inner coupled double-cavity. Chinese Physics B, 2008, 17, 3744-3752.	1.4	1
268	Optical Manipulation of Ultracold Atoms. , 2008, , 295-333.		4
269	Nuclear level mixing-induced interference in FeCO ₃ . Journal of Physics Condensed Matter, 2008, 20, 485214.	1.8	9
270	Line width measurement of semiconductor lasers using quantum interference in electromagnetically induced transparency: a quantum heterodyning method. Optical Engineering, 2008, 47, 064201.	1.0	2
271	Sub-Half-Wavelength Atom Localization Based on Phase-Dependent Electromagnetically Induced Transparency. Chinese Physics Letters, 2008, 25, 505-508.	3.3	6

#	Article	IF	CITATIONS
272	MEMS Atomic Clocks. , 2008, , 571-612.		60
273	Propagation of complex shaped ultrafast pulses in highly optically dense samples. Journal of Chemical Physics, 2008, 128, 154312.	3.0	4
274	Controlling irreversibility and directionality of light via atomic motion: optical transistor and quantum velocimeter. New Journal of Physics, 2008, 10, 123024.	2.9	6
275	A polaritonic two-component Bose–Hubbard model. New Journal of Physics, 2008, 10, 033011.	2.9	30
276	Strong Correlation and Anticorrelation via Phase-Dependent Coherent Population Trapping. Chinese Physics Letters, 2008, 25, 493-496.	3.3	1
277	Nanomechanical-resonator-assisted induced transparency in a Cooper-pair box system. New Journal of Physics, 2008, 10, 095016.	2.9	13
278	Role of incoherent pumping scheme on gain without population inversion in four-level systems. Physica Scripta, 2008, 77, 025403.	2.5	14
279	Light-shift-induced photonic nonlinearities. New Journal of Physics, 2008, 10, 043010.	2.9	18
280	Resonance Beating of Light Stored Using Atomic Spinor Polaritons. Physical Review Letters, 2008, 101, 170406.	7.8	58
281	Quantum theory for spatial motion of polaritons in inhomogeneous fields. Physical Review A, 2008, 77,	2.5	16
282	Manipulation of dark states and control of coherent processes with spectrally broad light. Physical Review A, 2008, 78, .	2.5	5
283	Optical imaging beyond the diffraction limit via dark states. Physical Review A, 2008, 78, .	2.5	71
284	Bose-Einstein Condensation of Stationary-Light Polaritons. Physical Review Letters, 2008, 101, 163601.	7.8	50
285	Collision of solitons in electromagnetically induced transparency. Physical Review A, 2008, 78, .	2.5	6
286	Optimal light storage in atomic vapor. Physical Review A, 2008, 78, .	2.5	104
287	Electromagnetically induced optical anisotropy of an ultracold atomic medium. Physical Review A, 2008, 77, .	2.5	28
288	Observations of delayed all-optical routing in a slow-light regime. Physical Review A, 2008, 78, .	2.5	31
289	Control of light speed: From slow light to superluminal light. Physical Review A, 2008, 78, .	2.5	6

#	Article	IF	CITATIONS
290	High-order nonlinear Schrödinger equation and superluminal optical solitons in room-temperature active-Raman-gain media. Physical Review A, 2008, 78, .	2.5	16
291	Two-pulse propagation in a partially phase-coherent medium. Physical Review A, 2008, 78, .	2.5	12
292	Quantum control of dispersion in electromagnetically induced transparency via interacting dressed ground states. Physical Review A, 2008, 78, .	2.5	7
293	Slow light with a doublet structure: Underlying physical processes and basic limitations. Physical Review A, 2008, 77, .	2.5	11
294	Slowing light through Zeeman coherence oscillations in a duplicated two-level system. Physical Review A, 2008, 77, .	2.5	12
295	Weak-light ultraslow vector solitons via electromagnetically induced transparency. Physical Review A, 2008, 77, .	2.5	55
296	Optical properties of atomic Mott insulators: From slow light to dynamical Casimir effects. Physical Review A, 2008, 77, .	2.5	36
297	Observation of Raman self-focusing in an alkali-metal vapor cell. Physical Review A, 2008, 77, .	2.5	12
298	Off-resonance slow light. Physical Review A, 2008, 78, .	2.5	9
299	Multiphoton wave function after Kerr interaction. Physical Review A, 2008, 78, .	0.5	4
		2.5	
300	Stark-chirped rapid adiabatic passage among a three-state molecular system: Experimental and numerical investigations. Physical Review A, 2008, 78, .	2.5	21
300 301	Stark-chirped rapid adiabatic passage among a three-state molecular system: Experimental and numerical investigations. Physical Review A, 2008, 78, . Nonlinear effects in pulse propagation through Doppler-broadened closed-loop atomic media. Physical Review A, 2008, 77, .	2.5 2.5 2.5	21 22
300 301 302	Stark-chirped rapid adiabatic passage among a three-state molecular system: Experimental and numerical investigations. Physical Review A, 2008, 78, . Nonlinear effects in pulse propagation through Doppler-broadened closed-loop atomic media. Physical Review A, 2008, 77, . Dynamics of Bragg diffraction in a stored light grating in cold atoms. Physical Review A, 2008, 78, .	2.5 2.5 2.5 2.5	21 22 14
300 301 302 303	Stark-chirped rapid adiabatic passage among a three-state molecular system: Experimental and numerical investigations. Physical Review A, 2008, 78, . Nonlinear effects in pulse propagation through Doppler-broadened closed-loop atomic media. Physical Review A, 2008, 77, . Dynamics of Bragg diffraction in a stored light grating in cold atoms. Physical Review A, 2008, 78, . Quantum Information Processing with Single Photons and Atomic Ensembles in Microwave Coplanar Waveguide Resonators. Physical Review Letters, 2008, 100, 170501.	 2.5 2.5 2.5 2.5 7.8 	21 22 14 107
300 301 302 303 304	Stark-chirped rapid adiabatic passage among a three-state molecular system: Experimental and numerical investigations. Physical Review A, 2008, 78, . Nonlinear effects in pulse propagation through Doppler-broadened closed-loop atomic media. Physical Review A, 2008, 77, . Dynamics of Bragg diffraction in a stored light grating in cold atoms. Physical Review A, 2008, 78, . Quantum Information Processing with Single Photons and Atomic Ensembles in Microwave Coplanar Waveguide Resonators. Physical Review Letters, 2008, 100, 170501. Optical Bistability at Low Light Level due to Collective Atomic Recoil. Physical Review Letters, 2008, 101, 063901.	 2.5 2.5 2.5 7.8 7.8 	21 22 14 107 21
300 301 302 303 304	Stark-chirped rapid adiabatic passage among a three-state molecular system: Experimental and numerical investigations. Physical Review A, 2008, 78, . Nonlinear effects in pulse propagation through Doppler-broadened closed-loop atomic media. Physical Review A, 2008, 77, . Dynamics of Bragg diffraction in a stored light grating in cold atoms. Physical Review A, 2008, 78, . Quantum Information Processing with Single Photons and Atomic Ensembles in Microwave Coplanar Waveguide Resonators. Physical Review Letters, 2008, 100, 170501. Optical Bistability at Low Light Level due to Collective Atomic Recoil. Physical Review Letters, 2008, 101, 063901. Analytic calculation of linear susceptibility in velocity-dependent pump-probe spectroscopy. Physical Review A, 2008, 78, .	 2.5 2.5 2.5 7.8 7.8 2.5 	21 22 14 107 21 19
 300 301 302 303 304 305 306 	Stark-chirped rapid adiabatic passage among a three-state molecular system: Experimental and numerical investigations. Physical Review A, 2008, 78, . Nonlinear effects in pulse propagation through Doppler-broadened closed-loop atomic media. Physical Review A, 2008, 77, . Dynamics of Bragg diffraction in a stored light grating in cold atoms. Physical Review A, 2008, 78, . Quantum Information Processing with Single Photons and Atomic Ensembles in Microwave Coplanar Waveguide Resonators. Physical Review Letters, 2008, 100, 170501. Optical Bistability at Low Light Level due to Collective Atomic Recoil. Physical Review Letters, 2008, 101, 063901. Analytic calculation of linear susceptibility in velocity-dependent pump-probe spectroscopy. Physical Review A, 2008, 78, . Quantum control of electromagnetically induced transparency dispersion via atomic tunneling in a double-well Bose-Einstein condensate. Physical Review A, 2008, 78, .	2.5 2.5 2.5 2.5 7.8 7.8 2.5 2.5	 21 22 14 107 21 19 7

		LITATION REPORT	
#	Article	IF	CITATIONS
308	Magneto-optical Stern-Gerlach effect in an atomic ensemble. Physical Review A, 2008, 78, .	2.5	43
309	Resonant two-color high-resolution spectroscopy of a negatively charged exciton in a self-assemble quantum dot. Physical Review B, 2008, 78, .	d 3.2	28
310	Slow Light Beam Splitter. Physical Review Letters, 2008, 101, 043601.	7.8	57
311	Electromagnetically induced transparency of an interacting cold Rydberg ensemble. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 201002.	1.5	78
312	Coherent control of ac-Stark allowed transitions. , 2008, , .		0
313	Plasmonic EIT at the Drude Damping Limit. , 2009, , .		1
314	Coupling between a dark and a bright eigenmode in a terahertz metamaterial. Physical Review B, 2C 79, .	009, 3.2	363
315	Generation of pure continuous-variable entangled cluster states of four separate atomic ensembles a ring cavity. Physical Review A, 2009, 79, .	in 2.5	48
316	Fano-Like Antiresonances in Nanomechanical and Optomechanical Systems. Physical Review Letters 2009, 102, 067202.	^{;,} 7.8	19
317	Doppler-free adiabatic self-induced transparency. , 2009, , .		0
318	Doppler-free adiabatic self-induced transparency. Physical Review A, 2009, 79, .	2.5	8
319	Optical delay control of large-spectral-bandwidth laser pulses. Physical Review A, 2009, 80, .	2.5	7
320	Stationary light in cold-atomic gases. Physical Review A, 2009, 80, .	2.5	21
321	Electromagnetically induced transparency versus nonlinear Faraday effect: Coherent control of light-beam polarization. Physical Review A, 2009, 80, .	2.5	40
322	All Optical Waveguiding in a Coherent Atomic Rubidium Vapor. Physical Review Letters, 2009, 102, 123602.	7.8	26
323	Liquidlike dynamics of optical beams in tailored coherent media. Physical Review A, 2009, 79, .	2.5	21
324	Quantum-information storage: A SchrĶdinger-picture approach. Physical Review A, 2009, 79, .	2.5	7
325	Conditional sign flip of two photons without pulse distortion. Physical Review A, 2009, 80, .	2.5	3

#	Article	IF	CITATIONS
326	Robust and fast geometric quantum computation with multiqubit gates in cavity QED. Physical Review A, 2009, 79, .	2.5	21
327	Theory of the bright-state stimulated Raman adiabatic passage. Physical Review A, 2009, 80, .	2.5	29
328	Slowing down of a guided light field along a nanofiber in a cold atomic gas. Physical Review A, 2009, 79, .	2.5	27
329	From refractive index to stopped light. , 2009, , .		0
330	Persistent currents in cold atoms. Physical Review A, 2009, 80, .	2.5	11
331	Spatial solitons and instabilities of light beams in a three-level atomic medium with a standing-wave control field. Physical Review A, 2009, 79, .	2.5	33
332	Influence of modal loss on quantum state generation via cross-Kerr nonlinearity. Physical Review A, 2009, 79, .	2.5	8
333	Autler-Townes Effect in a Superconducting Three-Level System. Physical Review Letters, 2009, 103, 193601.	7.8	135
334	Single-Photon Entanglement in the keV Regime via Coherent Control of Nuclear Forward Scattering. Physical Review Letters, 2009, 103, 017401.	7.8	52
335	Scheme for generating coherent-state superpositions with realistic cross-Kerr nonlinearity. Physical Review A, 2009, 79, .	2.5	73
336	Angular multiplexing storage of light pulses and addressable optical buffer memory in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mtext>Pr</mml:mtext></mml:mrow><mml:mrow on electromagnetically i. Physical Review A, 2009, 80, .</mml:mrow </mml:msup></mml:mrow></mml:math 	> < 2 .5 > <mml:mr< td=""><td>1>3</td></mml:mr<>	1>3
337	Irreversible Photon Transfer in an Ensemble of͡b-Type Atoms and a Photon Diode. Physical Review Letters, 2009, 103, 163603.	7.8	3
338	Robust quantum repeater with atomic ensembles and single-photon sources. Physical Review A, 2009, 79, .	2.5	6
339	Violations of Bell's inequality for Gaussian states with homodyne detection and nonlinear interactions. Physical Review A, 2009, 79, .	2.5	12
340	Confining Stationary Light: Dirac Dynamics and Klein Tunneling. Physical Review Letters, 2009, 102, 063602.	7.8	44
341	Collapses and revivals of stored orbital angular momentum of light in a cold-atom ensemble. Physical Review A, 2009, 79, .	2.5	92
342	Frequency Matching in Light-Storage Spectroscopy of Atomic Raman Transitions. Physical Review Letters, 2009, 103, 093601.	7.8	20
343	Giant Kerr Nonlinearities in Circuit Quantum Electrodynamics. Physical Review Letters, 2009, 103, 150503.	7.8	88

r

#	Article	IF	CITATIONS
344	Electromagnetically Induced Transparency and Light Storage in an Atomic Mott Insulator. Physical Review Letters, 2009, 103, 033003.	7.8	136
345	Overtone generation in driven coherent media. Physical Review A, 2009, 79, .	2.5	0
346	Optical Precursors with Electromagnetically Induced Transparency in Cold Atoms. Physical Review Letters, 2009, 103, 093602.	7.8	75
347	AtomicZitterbewegungin Abelian vector gauge potentials. Physical Review A, 2009, 80, .	2.5	8
348	Single-photon logic gates using minimal resources. Physical Review A, 2009, 80, .	2.5	120
349	Narrow absorptive resonances in a four-level atomic system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 075503.	1.5	56
350	Dynamical control of pulse propagation in electromagnetically induced transparency. Physical Review A, 2009, 79, .	2.5	9
351	High-efficiency cluster-state generation with atomic ensembles via the dipole-blockade mechanism. Physical Review A, 2009, 79, .	2.5	22
352	Ground State Cooling of a Nanomechanical Resonator in the Nonresolved Regime via Quantum Interference. Physical Review Letters, 2009, 103, 227203.	7.8	59
353	Realization of coherent optically dense media via buffer-gas cooling. Physical Review A, 2009, 79, .	2.5	20
354	SCHEME FOR THE PREPARATION OF ENTANGLEMENT OF ATOMIC ENSEMBLES. International Journal of Quantum Information, 2009, 07, 1459-1467.	1.1	3
355	Control of the spontaneous emission spectrum in a driven <i>N</i> -type atom by dynamically induced quantum interference. Physica Scripta, 2009, 79, 065402.	2.5	5
356	SPECTRAL LINE NARROWING IN ELECTROMAGNETICALLY INDUCED TRANSPARENCY. Modern Physics Letters B, 2009, 23, 661-680.	1.9	21
357	Slow light with electromagnetically induced transparency in metamaterials. , 2009, , .		0
358	Microwave-Controlled Light-Pulse Propagation in a Driven A-Type Atomic System with Two-Folded Levels. Communications in Theoretical Physics, 2009, 52, 137-142.	2.5	1
359	Adiabatons in the nonstationary double resonance on degenerate quantum transitions. Quantum Electronics, 2009, 39, 917-922.	1.0	9
360	Single-molecule photon emission statistics for systems with explicit time dependence: Generating function approach. Journal of Chemical Physics, 2009, 131, 214107.	3.0	19
361	Single photon quantum non-demolition measurements in the presence of inhomogeneous broadening. New Journal of Physics, 2009, 11, 093005.	2.9	14

#	Article	IF	CITATIONS
362	Electromagnetically Induced Transparency in Metamaterials. , 2009, , .		0
363	A Method to Achieve Large Tunable Delays Based on EIT in an Inhomogeneously Broadened Quantum Dot Medium. , 2009, , .		0
364	Investigation of dephasing rates in an interacting Rydberg gas. New Journal of Physics, 2009, 11, 055014.	2.9	51
365	Dark states in electromagnetically induced transparency controlled by a microwave field. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 235505.	1.5	22
366	Four-level â€~N-scheme' in bare and quasi-dressed states pictures. Journal of Modern Optics, 2009, 56, 1926-1932.	1.3	11
367	Coherent control of one-photon and two-photon optical fluorescence channels in three-level ladder system. Journal of Modern Optics, 2009, 56, 1941-1948.	1.3	1
368	Reflectivity comb in coherently dressed three-level media. Journal of Modern Optics, 2009, 56, 2348-2356.	1.3	5
369	Multimode electromagnetically induced transparency on a single atomic line. New Journal of Physics, 2009, 11, 103021.	2.9	12
370	Towards quantum optics and entanglement with electron spin ensembles in semiconductors. Solid State Sciences, 2009, 11, 935-941.	3.2	4
371	Light confinement in coherently driven defect states in solids. Microwave and Optical Technology Letters, 2009, 51, 2722-2726.	1.4	0
372	Slow and fast light: Controlling the speed of light using semiconductor waveguides. Laser and Photonics Reviews, 2009, 3, 30-44.	8.7	28
373	Sub-Doppler features due to double dark resonances. Optics Communications, 2009, 282, 3591-3595.	2.1	1
374	Coherent laser-induced optical behaviors in three-coupled-quantum wells and their application to terahertz signal detection. Optics Communications, 2009, 282, 4384-4389.	2.1	27
375	Measurement of coherence dynamics based on coherent anti-Stokes Raman scattering. Optics Communications, 2009, 282, 4573-4576.	2.1	2
376	Coherent control of a light field with electromagnetically induced transparency in a dark state Raman coherent tripod system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 596-600.	2.1	9
377	Plasmonic analogue of electromagnetically induced transparency at the Drude damping limit. Nature Materials, 2009, 8, 758-762.	27.5	1,651
378	Ultralong quantum optical data storage using an optical locking technique. Nature Photonics, 2009, 3, 518-522.	31.4	19
379	Optical quantum memory. Nature Photonics, 2009, 3, 706-714.	31.4	1,107

ARTICLE IF CITATIONS # Multiconnected rotating helical structures in the volume of a wave front inverting mirror. Optics 380 0.6 0 and Spectroscopy (English Translation of Optika | Spektroskopiya), 2009, 107, 424-428. Intensity correlations in a coherently prepared Rb vapor in a magnetic field. Optics Communications, 2.1 2009, 282, 39-44. Adiabatic and nonadiabatic preparation of a ground-state coherence in an optically thick lambda 382 2.1 16 medium. Optics Communications, 2009, 282, 892-895. Arbitrary quantum superposition state for three-level system using oscillating dark states. Optics Communications, 2009, 282, 1167-1170. Voltage-controlled storage and retrieval of an infrared-light pulse in a quantum-dot molecule. 384 2.1 22 Optics Communications, 2009, 282, 2437-2441. Quantum coherence effects in a four-level diamond-shape atomic system. Optics Communications, 2.1 2009, 282, 2870-2877. Coupling-probe laser spectroscopy of degenerate two-level systems: An experimental survey of 386 2.1 2 various polarisation combinations. Optics Communications, 2009, 282, 3481-3486. Optimal coherence via adiabatic following. Optics Communications, 2009, 282, 3527-3529. 2.1 Dynamic control of light propagation and optical switching through an RF-driven cascade-type atomic 388 2.1 29 medium. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 2992-3000. Dynamic propagation study of phase-controlled infrared-light pulses in low-dimensional 389 semiconductor heterostructures. Physics Letters, Section A: General, Atomic and Solid State Physics, 2.1 2009, 373, 3558-3562. Reversible state transfer between superconducting qubits and atomic ensembles. Physical Review A, 390 2.5 128 2009, 79, . Designing plasmonic systems using optical coupling between nanoparticles. Physical Review B, 2009, 3.2 103 Study of width and height of EIT resonance in a Doppler broadened five-level system with varying 392 1.3 12 probé power. European Physical Journal D, 2009, 53, 141-146. Effect of spontaneously generated coherence on EIT and its refractive properties in four- and five-levels systems. European Physical Journal D, 2009, 54, 119-130. 1.3 28 Dynamics of coupled ultraslow optical solitons in a coherent four-state double- \${sf Lambda}\$ 394 9 1.3 system. European Physical Journal D, 2009, 55, 99-109. Soliton propagations in the electromagnetically induced transparency. European Physical Journal: Special Topics, 2009, 173, 223-232. Phase-dependent electromagnetically induced transparency and its dispersion properties in a 396 3.292 four-level quantum well system. Physical Review B, 2009, 79, . Propagation of a voltage-controlled infrared laser pulse and electro-optic switch in a coupled quantum-dot nanostructure. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 1.5 055509

		CITATION REF	PORT	
#	Article		IF	CITATIONS
398	Electromagnetically induced transparency in rubidium. American Journal of Physics, 200	9, 77, 116-121.	0.7	24
399	Self-consistent theory of selective reflection. Optical Memory and Neural Networks (Info	ormation) Tj ETQq1 1 0.78	4314 rgBT 1.0	0verlock
400	Modification of medium phase memory under influence of pulsed inhomogeneous mag Journal of Contemporary Physics, 2009, 44, 57-62.	ietic field.	0.6	1
401	Coherent control of AC Stark allowed transition in $\hat{\mathbf{b}}$ system. Laser Physics, 2009, 19, 73	0-735.	1.2	3
402	Vortex-antivortex wavefunction of a degenerate quantum gas. Laser Physics, 2009, 19,	1796-1803.	1.2	9
403	High contrast electromagnetically induced transparency in a nitrogen filled Rb vapour co Physics, 2009, 19, 2008-2013.	ell. Laser	1.2	7
404	Slow light propagation and amplification via electromagnetically induced transparency a four-wave mixing in an optically dense atomic vapor. Journal of Modern Optics, 2009, 50	and 5, 1916-1925.	1.3	22
405	Effect of electromagnetically induced transparency on the spectrum of defect modes in one-dimensional photonic crystal. Quantum Electronics, 2009, 39, 157-162.	а	1.0	17
406	Giant cross-Kerr nonlinearity in carbon nanotube quantum dots with spin-orbit coupling Review B, 2009, 79, .	. Physical	3.2	35
407	Nonperturbative vector solitary waves in four-level coherent media. Physical Review A, 2	009, 79, .	2.5	5
408	Probe absorptions in an asymmetric double quantum well. Journal of Physics B: Atomic, and Optical Physics, 2009, 42, 225501.	Molecular	1.5	6
409	Simultaneous coupling of three hfs components in a cascade scheme of EIT in cold 85R Journal of Non-Crystalline Solids, 2009, 355, 1295-1301.	b atoms.	3.1	11
410	Short-length storage of intense optical pulses in solids by adiabatic passage. Physical Re 79, .	view A, 2009,	2.5	2
411	Atomic coherence swing in a double-ĥ-type system using ultraslow light. Optics Letters,	2009, 34, 776.	3.3	6
412	Conditions to preserve quantum entanglement of quadrature fluctuation fields in electromagnetically induced transparency media. Optics Letters, 2009, 34, 1537.		3.3	4
413	Two-dimensional all-optical spatial light modulation with high speed in coherent media. Letters, 2009, 34, 1930.	Optics	3.3	12
414	Coherent 455 nm beam production in a cesium vapor. Optics Letters, 2009, 34, 2321.		3.3	64
415	Slowing and storage of double light pulses in a Pr^3+:Y_2SiO_5 crystal. Optics Letters,	2009, 34, 2596.	3.3	31

# 416	ARTICLE Magnetic field imaging with atomic Rb vapor. Optics Letters, 2009, 34, 3529.	IF 3.3	CITATIONS 8
417	Weak-light superluminal vector solitons in a room-temperature four-level active-Raman-gain medium. Journal of the Optical Society of America B: Optical Physics, 2009, 26, 413.	2.1	9
418	Two-photon dichroic atomic vapor laser lock using electromagnetically induced transparency and absorption. Journal of the Optical Society of America B: Optical Physics, 2009, 26, 1315.	2.1	22
419	Optical phase information writing and storage in populations of metastable quantum states. Journal of the Optical Society of America B: Optical Physics, 2009, 26, 1959.	2.1	3
420	Depletion of control field during the propagation of ultraslow optical solitons. Journal of the Optical Society of America B: Optical Physics, 2009, 26, 2028.	2.1	3
421	Planar designs for electromagnetically induced transparency in metamaterials. Optics Express, 2009, 17, 5595.	3.4	179
422	Optimizing the retrieval efficiency of stored light pulses. Optics Express, 2009, 17, 6665.	3.4	14
423	Three-channel all-optical routing in a Pr^3+:Y_2SiO_5 crystal. Optics Express, 2009, 17, 12197.	3.4	11
424	Observation of electromagnetically induced transparency and slow light in the dark state - bright state state -	3.4	9
425	An efficient optical knob from slow light to fast light in a coupled nanomechanical resonator-quantum dot system. Optics Express, 2009, 17, 19874.	3.4	11
426	Electromagnetically induced transparency in nanocells. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 165402.	1.5	9
427	Analogue of electromagnetically induced transparency in a terahertz metamaterial. Physical Review B, 2009, 80, .	3.2	340
428	Plasmonic (thermal) electromagnetically induced transparency in metallic nanoparticle–quantum dot hybrid systems. Nanotechnology, 2009, 20, 365401.	2.6	52
429	Atomic clocks and coherent population trapping: Experiments for undergraduate laboratories. American Journal of Physics, 2009, 77, 988-998.	0.7	15
430	Effects of spontaneously generated coherence on the resonance fluorescence spectrum of a laser-driven four-level diamond-shape atomic system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 205503.	1.5	7
431	Quantum interference and sub-Poissonian statistics for time-modulated driven dissipative nonlinear oscillators. Physical Review A, 2009, 79, .	2.5	28
432	Interference effects in a three-level atom in a cavity beyond the weak-field approximation. Physical Review A, 2009, 79, .	2.5	15
433	Processing multiphoton states through operation on a single photon: Methods and applications. Physical Review A, 2009, 80, .	2.5	67

		CITATION REP	ORT	
#	Article		IF	CITATIONS
434	Raman scheme for adjustable-bandwidth quantum memory. Physical Review A, 2009, 80, .		2.5	21
435	Effect of spontaneously generated coherence on absorption in a V-type system: Investigat dressed states. Physical Review A, 2009, 79, .	ion in	2.5	39
436	Long coherence lifetime and electromagnetically induced transparency in a highly-spin-cor solid. Physical Review A, 2009, 79, .	centrated	2.5	23
437	Electromagnetically induced transparency and slow light in an array of metallic nanopartic Physical Review B, 2009, 80, .	es.	3.2	177
438	Efficient formation of ground-state ultracold molecules via STIRAP from the continuum at resonance. New Journal of Physics, 2009, 11, 055028.	a Feshbach	2.9	42
439	Low-loss negative refraction by laser-induced magnetoelectric cross coupling. Physical Rev 2009, 79, .	iew A,	2.5	30
440	Dual control of slow light in reciprocal electromagnetically-induced-transparency conditior Physical Review A, 2009, 79, .	IS.	2.5	5
441	Controllable generation and propagation of ultraslow optical solitons via parameters mana a five-level hyper inverted- <i>Y</i> atomic system. Journal of Physics B: Atomic, Molecular a Physics, 2009, 42, 225405.	igement in nd Optical	1.5	4
442	Slow-light solitons in coupled asymmetric quantum wells via interband transitions. Physica B, 2009, 80, .	l Review	3.2	39
443	Near-deterministic generation of three-mode <i>W</i> -type entangled coherent states in free-travelling optical fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 20 215507.	009, 42,	1.5	14
444	A Coherent Single-Hole Spin in a Semiconductor. Science, 2009, 325, 70-72.		12.6	319
445	Reducing the impact of inhomogeneous broadening on quantum dot based electromagne induced transparency. Applied Physics Letters, 2009, 94, 071108.	tically	3.3	28
446	Electromagnetically induced transparency with noisy lasers. Physical Review A, 2009, 80, .		2.5	31
447	Intracavity electromagnetically induced transparency in atoms around a nanofiber with a p Bragg grating mirrors. Physical Review A, 2009, 79, .	air of	2.5	26
448	All-Optical Light Confinement in Dynamic Cavities in Cold Atoms. Physical Review Letters, 133601.	2009, 103,	7.8	37
449	Train of high-power femtosecond pulses: Probe wave in a gas of prepared atoms. Physical 1 2009, 80, .	Review A,	2.5	3
450	Memory for Light as a Quantum Process. Physical Review Letters, 2009, 102, 203601.		7.8	53
451	Light-induced polarization effects in atoms with partially resolved hyperfine structure and applications to absorption, fluorescence, and nonlinear magneto-optical rotation. Physical 2009, 80, .	Review A,	2.5	28

#	Article	IF	CITATIONS
452	Phase-controlled pulse propagation in media with cross coupling of electric and magnetic probe field component. Physical Review A, 2009, 80, .	2.5	19
453	Slow <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"><mml:mi>î³</mml:mi></mml:math> photon with a doublet structure: Time delay via a transition from destructive to constructive interference of collectively scattered radiation with the incoming photon. Physical Review A. 2009. 80.	2.5	22
454	Maximally entangled coherent states and strong violations of Bell-type inequalities. Physical Review A, 2009, 80, .	2.5	30
455	Ultranarrow resonance peaks in the transmission and reflection spectra of a photonic crystal cavity with Raman gain. Physical Review A, 2009, 80, .	2.5	7
456	Laser oscillation and light entanglement via dressed-state phase-dependent electromagnetically induced transparency. Physical Review A, 2009, 80, .	2.5	8
457	Tripartite entanglement in quantum-beat lasers. Physical Review A, 2009, 80, .	2.5	28
458	Dressed excitonic states and quantum interference in a three-level quantum dot ladder system. New Journal of Physics, 2009, 11, 013028.	2.9	39
459	Coherent Holes in a Semiconductor Quantum Dot. Science, 2009, 325, 42-43.	12.6	13
460	Mesoscopic Rydberg Gate Based on Electromagnetically Induced Transparency. Physical Review Letters, 2009, 102, 170502.	7.8	251
461	Stationary Light Pulses in Cold Atomic Media and without Bragg Gratings. Physical Review Letters, 2009, 102, 213601.	7.8	109
462	Spectral hole burning for stopping light. Physical Review A, 2009, 79, .	2.5	18
463	Using phase dynamics in EIT to probe ground state relaxation in rubidium vapor. Journal of Modern Optics, 2009, 56, 975-979.	1.3	10
464	Slowing and storing light processes without a trapping dark state in a double two-level system. Theoretical study. Journal of Modern Optics, 2009, 56, 1260-1271.	1.3	3
465	Plasmonic EIT at the Drude damping limit. , 2009, , .		2
466	Low-Loss Metamaterials Based on Classical Electromagnetically Induced Transparency. Physical Review Letters, 2009, 102, 053901.	7.8	615
467	Electron Spin Polarization Induced by Linearly Polarized Light in a (110) GaAs Quantum-Well Waveguide. Physical Review Letters, 2009, 102, 206604.	7.8	9
468	Efficient technique for measuring laser frequency stability. EPJ Applied Physics, 2009, 48, 20701.	0.7	17
469	Efficient All-Optical Switching Using Slow Light within a Hollow Fiber. Physical Review Letters, 2009, 102, 203902.	7.8	412

#	Article	IF	CITATIONS
470	Laser frequency stabilization to excited state transitions using electromagnetically induced transparency in a cascade system. Applied Physics Letters, 2009, 94, .	3.3	87
471	Electromagnetically induced transparency in acetylene molecules with counterpropagating beams in V and $\hat{\mathbf{b}}$ schemes. Applied Physics Letters, 2009, 94, 141103.	3.3	28
472	Electromagnetically induced transparency in a three-level lambda system with permanent dipole moments. Journal of Chemical Physics, 2009, 131, 034105.	3.0	17
473	Tunable All-Optical Filtering and Buffering in a Coupled Quantum Dot-Planar Photonic Crystal Structure. Chinese Physics Letters, 2009, 26, 084203.	3.3	3
474	Electromagnetically induced transparency controlled by a microwave field. Physical Review A, 2009, 80, .	2.5	126
475	Electrically Excited Inverse Electron Spin Resonance in a Split-Ring Metamaterial Resonator. Physical Review Letters, 2009, 103, 103907.	7.8	12
476	Twisted speckle entities inside wave-front reversal mirrors. Physical Review A, 2009, 80, .	2.5	20
477	Few photon switching with slow light in hollow fiber. , 2009, , .		1
478	Slow light in cesium vapor: pulse delay measurements and predicted delay. , 2010, , .		1
479	Propagation and storing of light in optically modified atomic media. Journal of Physics: Conference Series, 2010, 213, 012025.	0.4	2
480	Entanglement between internal and external degrees of freedom of a driven trapped atom. Physica Scripta, 2010, T140, 014034.	2.5	4
481	Controllable optical delay of wideband laser pulses by means of coherent effects. Laser Physics, 2010, 20, 1132-1136.	1.2	2
482	Observation of electromagnetically induced transparency in cesium molecules. Laser Physics, 2010, 20, 1725-1728.	1.2	14
483	Transmission and reflection spectra of a photonic crystal with a Raman defects. Journal of Experimental and Theoretical Physics, 2010, 111, 898-906.	0.9	4
484	Transient dispersion and absorption in a V-shaped atomic system. European Physical Journal D, 2010, 56, 105-112.	1.3	27
485	Gain-assisted giant Kerr nonlinearity in a \${sf Lambda}\$ -type system with two-folded lower levels. European Physical Journal D, 2010, 56, 231-237.	1.3	9
486	Slow-light solitons in three-level atomic systems modified by a microwave field. European Physical Journal D, 2010, 58, 339-348.	1.3	9
487	Pulse pair generation from coherently prepared atomic ensembles. European Physical Journal D, 2010, 60, 373-382.	1.3	3

щ	Apticie	IF	CITATIONS
#	AKTICLE	IF	CHATIONS
488	Journal D, 2010, 60, 389-395.	1.3	1
489	Formation and propagation of ultraslow three-wave-vector optical solitons in a cold seven-level triple- <mml:math display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>i>/www.w3.org/1998/Math/MathML" display="inline"></mml:mi></mml:mrow><td>2.5</td><td>73</td></mml:math>	2.5	73
490	Raman excitation. Physical Review A, 2010, 82 Resonances and excitation pathways in four-level <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mtext>N</mml:mtext></mml:mrow></mml:mrow> atomic systems. Physical Review A, 2010, 82, .</mml:math 	- <u>35</u> -scheme	15
491	Phase modulation induced by cooperative effects in electromagnetically induced transparency. Physical Review A, 2010, 82, .	2.5	8
492	Gains without inversion in quantum systems with broken parities. Physical Review A, 2010, 82, .	2.5	20
493	Photon wave-packet manipulation via dynamic electromagnetically induced transparency in multilayer structures. Physical Review A, 2010, 81, .	2.5	5
494	Slow Light of an Amplitude-Modulated Gaussian Pulse in Cesium Vapor. IEEE Journal of Quantum Electronics, 2010, 46, 579-583.	1.9	1
495	Linear and nonlinear light propagations in a Doppler-broadened medium via electromagnetically induced transparency. Physical Review A, 2010, 82, .	2.5	24
496	Master equation approach for interacting slow- and stationary-light polaritons. Physical Review A, 2010, 82, .	2.5	11
497	Light-matter entanglement via dark-state resonances. Physical Review A, 2010, 82, .	2.5	12
498	Reversible storage of a weak light pulse in a thermal atomic medium. Physical Review A, 2010, 81, .	2.5	4
499	Fano resonances in nanoscale structures. Reviews of Modern Physics, 2010, 82, 2257-2298.	45.6	2,434
500	Propagation of twin light pulses under magneto-optical switching operations in a four-level inverted-Y atomic medium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 065502.	1.5	16
501	Effect of buffer gas on an electromagnetically induced transparency in a ladder system using thermal rubidium vapor. Physical Review A, 2010, 82, .	2.5	28
502	Scalable network of quadrangle entanglements via multiple phase-dependent electromagnetically induced transparency. Physical Review A, 2010, 82, .	2.5	8
503	Coherent Transfer of Photoassociated Molecules into the Rovibrational Ground State. Physical Review Letters, 2010, 105, 203001.	7.8	204
504	Coherent population trapping inRb87atoms induced by the optical frequency comb excitation. Physical Review A, 2010, 82, .	2.5	15
505	Electromagnetically induced conical emission. Physical Review A, 2010, 82, .	2.5	3

#	Article	IF	CITATIONS
506	Coherently induced hole-burnings in a Doppler broadened four-level atomic system. Optics Communications, 2010, 283, 2561-2565.	2.1	5
507	Analytic solutions of the susceptibility for Doppler-broadened two-level atoms. Optics Communications, 2010, 283, 2845-2848.	2.1	1
508	Optical bistability via coherent and incoherent fields in an Er3+-doped yttrium–aluminum–garnet crystal. Optics Communications, 2010, 283, 3291-3295.	2.1	28
509	Efficient weak-light amplification through phase control in a quantum well waveguide with electron spin coherence. Optics Communications, 2010, 283, 5067-5073.	2.1	3
510	Comparison of steady and transient optical responses between a four-level Tripod system and a three-level Lambda system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 1088-1092.	2.1	17
512	Coupling Effects in Optical Metamaterials. Angewandte Chemie - International Edition, 2010, 49, 9838-9852.	13.8	287
513	Towards more relaxed conditions for a gammaâ€ray laser: Methods to realize induced transparency for nuclear resonant gamma radiation. Laser and Photonics Reviews, 2010, 4, 1-20.	8.7	12
514	Atomic spectroscopy and quantum optics in hollowâ€core waveguides. Laser and Photonics Reviews, 2010, 4, 720-737.	8.7	19
515	Long-distance quantum communication with "polarization―maximally entangled states. Annals of Physics, 2010, 325, 1018-1025.	2.8	1
516	Phase-dependent optical bistability and multistability in a semiconductor quantum well system. Journal of Luminescence, 2010, 130, 2084-2088.	3.1	65
517	Transparency induced by the quantum interference of a six-level atom in photonic crystals with defect modes. Optics Communications, 2010, 283, 1032-1038.	2.1	9
518	Steering of weak-light spatial solitons in a resonant lambda-type atomic system. Optics Communications, 2010, 283, 1471-1475.	2.1	6
519	Transient gain-absorption of the probe field in asymmetric semiconductor quantum wells. Optics Communications, 2010, 283, 2552-2556.	2.1	11
520	Control of spin currents with double spin resonance. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 926-928.	2.7	0
521	Controlled amplification, absorption, and dispersion of weak far-infrared lights in a coupled-quantum-well structure. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 1984-1989.	2.7	9
522	All-optical modulation based on electromagnetically induced transparency. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 3354-3364.	2.1	21
523	Sub-half-wavelength atom localization via probe absorption spectrum in a four-level atomic system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 4853-4858.	2.1	40
524	Coherent polarization driven by external electromagnetic fields. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 4848-4852.	2.1	3

#	Article	IF	CITATIONS
525	Entangled photons and quantum communication. Physics Reports, 2010, 497, 1-40.	25.6	75
526	Energy constraints for quantum logic via nonlinear optical processes. Optics Communications, 2010, 283, 719-723.	2.1	2
527	Polarization phase gate and three-photon GHZ state using coherently enhanced Kerr nonlinearity. Optics Communications, 2010, 283, 1017-1021.	2.1	5
528	On line shape of electromagnetically induced transparency in a multilevel system. Optics Communications, 2010, 283, 1500-1509.	2.1	24
529	Time reversible evolution via nonadiabatic coupling in adiabatic dark subspace. Optics Communications, 2010, 283, 2174-2177.	2.1	1
530	Electromagnetically induced transparency with single atoms in a cavity. Nature, 2010, 465, 755-758.	27.8	253
531	Quantum entanglement between an optical photon and a solid-state spin qubit. Nature, 2010, 466, 730-734.	27.8	968
532	Manipulation of slow light with orbital angular momentum in cold atomic gases. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2010, 108, 438-445.	0.6	4
533	Soliton-induced transparency of inhomogeneously broadened three-level atoms. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2010, 108, 780-786.	0.6	1
534	Nonlinear optical properties of a medium with M-configuration of atomic levels. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2010, 109, 413-419.	0.6	2
535	Electromagnetically induced transparency and two-photon absorption in the ladder system in thin columns of atomic vapors. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2010, 109, 529-537.	0.6	18
536	Single-atom transistor for light. Nature, 2010, 465, 699-700.	27.8	5
537	fMRI under the spotlight. Nature, 2010, 465, 700-701.	27.8	11
538	Coherent mixing of mechanical excitations in nano-optomechanical structures. Nature Photonics, 2010, 4, 236-242.	31.4	237
539	Controlling X-rays with light. Nature Physics, 2010, 6, 69-74.	16.7	68
540	A Rydberg quantum simulator. Nature Physics, 2010, 6, 382-388.	16.7	644
542	Dissipative dynamics in coupled quantum dots: control of tunneling and electromagnetically induced transparency. , 2010, , .		0
543	Fast Reconfigurable Slow Light System based on Off-resonant Raman Absorption Scheme. , 2010, , .		0

#	Article	IF	CITATIONS
544	Beating Difraction Limit using Dark States. , 2010, , .		0
545	Multicolor Stationary Light. , 0, , .		0
546	Vacuum-Induced Processes in Multilevel Atoms. Progress in Optics, 2010, 55, 85-197.	0.6	80
547	The Simultaneous Impact of Supplier and Customer Involvement on New Product Performance. Journal of Technology Management and Innovation, 2010, 5, 70-82.	0.7	23
548	Coherent control of a three-level atom in a photonic crystal. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 235502.	1.5	1
549	Photon scattering by a three-level emitter in a one-dimensional waveguide. New Journal of Physics, 2010, 12, 043052.	2.9	219
550	Multiformity of Optical Quantum Coherence Systems with Y and Inverted Y-type Schemes. Communications in Theoretical Physics, 2010, 54, 273-277.	2.5	2
551	Role of cavity induced decay-interference effect on vacuum-Rabi splitted spectrum. Journal of Modern Optics, 2010, 57, 1331-1338.	1.3	1
552	Enhancing optical delay with suppressed distortion via double-dark resonances. Journal of Optics (United Kingdom), 2010, 12, 104009.	2.2	5
553	Coherent control of negative refraction based on local-field enhancement and dynamically induced chirality. Chinese Physics B, 2010, 19, 074208.	1.4	2
554	Optical precursors with finite rise and fall time. Journal of Optics (United Kingdom), 2010, 12, 104010.	2.2	7
555	Generation of GHZ state and cluster state with atomic ensembles via the dipole-blockade mechanism. Chinese Physics B, 2010, 19, 090316.	1.4	1
556	Fast and Robust Laser Cooling of Trapped Systems. Physical Review Letters, 2010, 104, 043003.	7.8	37
557	Dressed-Atom Multiphoton Analysis of Anomalous Electromagnetically Induced Absorption. Physical Review Letters, 2010, 104, 213602.	7.8	26
558	Optical Control of the Refractive Index of a Single Atom. Physical Review Letters, 2010, 105, 153603.	7.8	78
559	Magnetic plasmon resonance: Underlying route to plasmonic electromagnetically induced transparency in metamaterials. Physical Review B, 2010, 82, .	3.2	27
560	All-optical beam control with high speed using image-induced blazed gratings in coherent media. Physical Review A, 2010, 82, .	2.5	59
561	Electromagnetically induced transparency with an ensemble of donor-bound electron spins in a semiconductor. Physical Review B, 2010, 82, .	3.2	14

	Сітатіої	n Report	
#	Article	IF	Citations
562	Interaction-free all-optical switching via the quantum Zeno effect. Physical Review A, 2010, 82, .	2.5	22
563	Highly entangled photons and rapidly responding polarization qubit phase gates in a room-temperature active Raman gain medium. Physical Review A, 2010, 82, .	2.5	7
564	Rapidly reconfigurable slow-light system based on off-resonant Raman absorption. Physical Review A, 2010, 82, .	2.5	3
565	Two-dimensional Fourier-transform spectroscopy of potassium vapor. Physical Review A, 2010, 82, .	2.5	47
566	Storage and retrieval of thermal light in warm atomic vapor. Physical Review A, 2010, 82, .	2.5	29
567	Calculated Hanle transmission and absorption spectra of theRb87D1line with residual magnetic field for arbitrarily polarized light. Physical Review A, 2010, 82, .	2.5	18
568	Qubit-induced high-order nonlinear interaction of the polar molecules in a stripline cavity. Physical Review A, 2010, 82, .	2.5	10
569	Tunable electromagnetically induced transparency and absorption with dressed superconducting qubits. Physical Review A, 2010, 81, .	2.5	93
570	Probe spectrum of multilevel atoms in a damped, weakly driven two-mode cavity. Physical Review A, 2010, 81, .	2.5	3
571	Bloch oscillations of polaritons of an atomic ensemble in magnetic fields. Physical Review A, 2010, 81, .	2.5	4
572	All-optical steering of light via spatial Bloch oscillations in a gas of three-level atoms. Physical Review A, 2010, 81, .	2.5	19
573	Photon hole nondemolition measurement scheme by electromagnetically induced transparency. Physical Review A, 2010, 81, .	2.5	4
574	Light storage in a doped solid enhanced by feedback-controlled pulse shaping. Physical Review A, 2010, 81, .	2.5	13
575	Control of the Lamb shift by a driving field. Physical Review A, 2010, 81, .	2.5	5
576	Nondispersive optics using storage of light. Physical Review A, 2010, 81, .	2.5	4
577	Optical coherent transients in cold atoms: From free-induction decay to optical precursors. Physical Review A, 2010, 81, .	2.5	26
578	Frequency tuning of the optical delay in cesium <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>D</mml:mi><mml:mrow><mml:mn>2</mml:mn>including hyperfine structure. Physical Review A, 2010, 81, .</mml:mrow></mml:msub></mml:mrow></mml:math 	ıl:mrow ^{2,5} /mm	l:msub>
579	Entanglement between collective fields via phase-dependent electromagnetically induced transparency. Physical Review A, 2010, 81, .	2.5	27

ARTICLE IF CITATIONS # Ultrabright omnidirectional collective emission of correlated photon pairs from atomic vapors. 580 2.5 1 Physical Review A, 2010, 81, . Qubit transfer between photons at telecom and visible wavelengths in a slow-light atomic medium. 581 2.5 Physical Review A, 2010, 81, . 582 Frequency shift by optical coherent control. Physical Review A, 2010, 81, . 2.5 8 Entanglement between collective fields via atomic coherence effects. Physical Review A, 2010, 81, . Note: An ultranarrow bandpass filter system for single-photon experiments in quantum optics. Review 584 1.3 8 of Scientific Instruments, 2010, 81, 026108. Photon-Number Selective Group Delay in Cavity Induced Transparency. Physical Review Letters, 2010, 7.8 37 105, 013601. 586 Spinor Slow-Light and Dirac Particles with Variable Mass. Physical Review Letters, 2010, 105, 173603. 7.8 30 Electromagnetically Induced Transparency from a Single Atom in Free Space. Physical Review Letters, 49 2010, 105, 153604. Photonic crystal cavity embedded in electromagnetically induced transparency media. Journal of 588 2.2 16 Optics (United Kingdóm), 2010, 12, 035105. Analytical solution of microwave transition spectral lines for ⁸⁷ Rb atoms in a Hanle 589 1.4 configuration. Chinese Physics B, 2010, 19, 074209. APPLICATIONS OF ATOMIC ENSEMBLES IN DISTRIBUTED QUANTUM COMPUTING. International Journal of 590 1.1 2 Quantum Information, 2010, 08, 181-218. QUANTUM TELEPORTATION FROM LIGHT TO ATOMIC BOSEâ€"EINSTEIN CONDENSATE. Modern Physics 591 Letters B, 2010, 24, 937-944. Electron dynamics in inhomogeneous magnetic fields. Journal of Physics Condensed Matter, 2010, 22, 592 1.8 105 253201. Plasmonic analogue of atom systems with two-level to four-level configurations in metamaterials., 2010,,. Slowing down the light by using coupled stereoscopic dielectric metamaterials. Proceedings of SPIE, 594 0.8 0 2010, , . Enhanced electric field sensitivity of rf-dressed Rydberg dark states. New Journal of Physics, 2010, 12, 065015. Scaling approach to quantum non-equilibrium dynamics of many-body systems. New Journal of Physics, 596 2.9 73 2010, 12, 113005. Fast electromagnetic response of a thin film of resonant atoms with permanent dipole. Journal of 2.1 Physics A: Mathematical and Theoretical, 2010, 43, 015206.

		UKI	
#	Article	IF	CITATIONS
598	Ultra-slow and ultra-weak discrete solitons in optical lattice via induced transparency. , 2010, , .		0
599	Electromagnetically induced transparency in cold ⁸⁵ Rb atoms trapped in the ground hyperfine <i>F</i> = 2 state. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 095503.	1.5	12
600	Nonlinear coherent magneto-optical response of a single chiral carbon nanotube. New Journal of Physics, 2010, 12, 103004.	2.9	5
601	Coherence Effects in Laser-Induced Continuum Structure. Advances in Quantum Chemistry, 2010, , 105-161.	0.8	2
602	All-optical wideband spectrum analyzer in nano-scale using metal composite nanoparticle. , 2010, , .		0
603	Coherent excitation of a single atom to a Rydberg state. Physical Review A, 2010, 82, .	2.5	42
604	Slow and fast light in semiconductor waveguides. Semiconductor Science and Technology, 2010, 25, 083002.	2.0	13
605	identification of <mml:math xmins:mml="http://www.w3.org/1998/Math/Math/Math/Math/Math/Math/Math/Math</td"><td>' 3.2 <mml:mn:< td=""><td>' 46 >3</td></mml:mn:<></td></mml:math>	' 3.2 <mml:mn:< td=""><td>' 46 >3</td></mml:mn:<>	' 46 >3
606	Physical Review B, 2010, 81, . Laser spectroscopy with nanometric cells containing atomic vapor of metal: influence of buffer gas. Proceedings of SPIE, 2010, , .	0.8	4
607	Three coupled ultraslow temporal solitons in a five-level tripod atomic system. Physical Review A, 2010, 81, .	2.5	70
608	Superpositions of Degenerate Quantum States: Preparation and Detection in Atomic Beams. Advances in Atomic, Molecular and Optical Physics, 2010, 58, 113-172.	2.3	8
609	Adiabatically driven frequency conversion towards short extreme-ultraviolet radiation pulses. Physical Review A, 2010, 82, .	2.5	11
610	Sign reversal of Hanle electromagnetically induced absorption with orthogonal circularly polarized optical fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 245503.	1.5	10
611	Exact methods in the analysis of the non-equilibrium dynamics of integrable models: application to the study of correlation functions for non-equilibrium 1D Bose gas. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P05012.	2.3	60
612	Planar Metamaterial Analogue of Electromagnetically Induced Transparency for Plasmonic Sensing. Nano Letters, 2010, 10, 1103-1107.	9.1	1,135
613	Switching of a single propagating plasmon by two quantum dots system. Applied Physics Letters, 2010, 97, .	3.3	79
614	Autler–Townes doublet and electromagnetically induced transparency resonance probed by an ultrashort pulse train. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 085003.	1.5	8
615	Hanle electromagnetically induced transparency and absorption resonances with a Laguerre Gaussian beam. Physical Review A, 2010, 81, .	2.5	31

#	Article	IF	CITATIONS
616	Enhanced sensing performance by the plasmonic analog of electromagnetically induced transparency in active metamaterials. Applied Physics Letters, 2010, 97, .	3.3	213
617	Theoretical Tools for Quantum Optics in Structured Media. Progress in Optics, 2010, 54, 89-148.	0.6	1
618	Slow optical soliton pairs via electron spin coherence in a quantum well waveguide. Physical Review E, 2010, 81, 036607.	2.1	17
619	Temporal pulse compression and retardation by incoherent all-optical control. Physical Review A, 2010, 81, .	2.5	8
620	Arrayed and checkerboard optical waveguides controlled by the electromagnetically induced transparency. Physical Review A, 2010, 82, .	2.5	28
621	An electromagnetically induced grating by microwave modulation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 161004.	1.5	55
622	Impossibility of large phase shifts via the giant Kerr effect with single-photon wave packets. Physical Review A, 2010, 81, .	2.5	166
623	Electromagnetically induced transparency in mechanical effects of light. Physical Review A, 2010, 81, .	2.5	659
624	Zero absorption and a large negative refractive index in a left-handed four-level atomic medium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 045505.	1.5	18
625	Ultraslow optical solitons via electromagnetically induced transparency: a density-matrix approach. Chinese Physics B, 2010, 19, 054214.	1.4	13
626	Intensity dependence suppression and enhancement of four-wave mixing in a micrometric thin vapour. Journal of Modern Optics, 2010, 57, 885-892.	1.3	2
627	Electromagnetically Induced Transparency on a Single Artificial Atom. Physical Review Letters, 2010, 104, 193601.	7.8	282
628	Optomechanically Induced Transparency. Science, 2010, 330, 1520-1523.	12.6	1,350
629	Giant Kerr nonlinearity and weak-light superluminal optical solitons in a four-state atomic system with gain doublet. Optics Express, 2010, 18, 2952.	3.4	51
630	Multi-normal mode-splitting for an optical cavity with electromagnetically induced transparency medium. Optics Express, 2010, 18, 4057.	3.4	8
631	Double photonic bandgaps dynamically induced in a tripod system of cold atoms. Optics Express, 2010, 18, 4538.	3.4	14
632	Plasmonic electromagnetically-induced transparency in symmetric structures. Optics Express, 2010, 18, 13396.	3.4	51
633	Controlled light-pulse propagation via dynamically induced double photonic band gaps. Optics Express, 2010, 18, 15591.	3.4	12
#	Article	IF	CITATIONS
-----	--	-----	-----------
634	Electromagnetically induced transparency in metamaterials at near-infrared frequency. Optics Express, 2010, 18, 17187.	3.4	168
635	Studies of electromagnetically induced transparency in metamaterials. Optics Express, 2010, 18, 17736.	3.4	51
636	Plasmonically induced transparent magnetic resonance in a metallic metamaterial composed of asymmetric double bars. Optics Express, 2010, 18, 18229.	3.4	132
637	Femtowatt-light-level phase measurement of slow light pulses via beat-note interferometer. Optics Express, 2010, 18, 18498.	3.4	10
638	Tunable optical time delay of quantum signals using a prism pair. Optics Express, 2010, 18, 19156.	3.4	52
639	Active manipulation of plasmonic electromagnetically-induced transparency based on magnetic plasmon resonance. Optics Express, 2010, 18, 20912.	3.4	85
640	Quantum-dot-induced transparency in a nanoscale plasmonic resonator. Optics Express, 2010, 18, 23633.	3.4	198
641	Slow light propagation in a ring erbium-doped fiber. Optics Express, 2010, 18, 25642.	3.4	11
642	Atomic vapor quantum memory for a photonic polarization qubit. Optics Express, 2010, 18, 25786.	3.4	47
643	Magnetically induced simultaneous slow and fast light. Optics Letters, 2010, 35, 64.	3.3	16
644	Observation of phase variation within stationary light pulses inside a cold atomic medium. Optics Letters, 2010, 35, 151.	3.3	10
645	Coupling-rate determination based on radiation-pressure-induced normal mode splitting in cavity optomechanical systems. Optics Letters, 2010, 35, 339.	3.3	34
646	Dynamically induced double photonic bandgaps in the presence of spontaneously generated coherence. Optics Letters, 2010, 35, 709.	3.3	19
647	Two-photon free-induction decay with electromagnetically induced transparency. Optics Letters, 2010, 35, 1923.	3.3	2
648	Fabrication method for microscopic vapor cells for alkali atoms. Optics Letters, 2010, 35, 1950.	3.3	47
649	Subnanoscale resolution for microscopy via coherent population trapping. Optics Letters, 2010, 35, 2792.	3.3	29
650	Efficient frequency conversion induced by quantum constructive interference. Optics Letters, 2010, 35, 3778.	3.3	17
651	Delayed four- and six-wave mixing in a coherently prepared atomic ensemble. Optics Letters, 2010, 35, 3937.	3.3	11

#	Article	IF	CITATIONS
652	Quantum information with Rydberg atoms. Reviews of Modern Physics, 2010, 82, 2313-2363.	45.6	1,968
653	Formation and interaction characteristics of two-component spatial weak-light soliton in a four-level double-ĥ type system. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 208.	2.1	29
654	Performance of a prototype atomic clock based on lin‗lin coherent population trapping resonances in Rb atomic vapor. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 417.	2.1	39
655	Electromagnetically induced photonic bandgap in hot Cs atoms. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 690.	2.1	7
656	Tripartite entanglement generation via four-wave mixings: narrowband triphoton W state. Journal of the Optical Society of America B: Optical Physics, 2010, 27, A11.	2.1	20
657	Many-body phenomena in QED-cavity arrays [Invited]. Journal of the Optical Society of America B: Optical Physics, 2010, 27, A130.	2.1	112
658	EIT-assisted large cross-Kerr nonlinearity in a four-level inverted-Y atomic system. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 2035.	2.1	35
659	A scheme comparison of Autler–Townes based slow light in inhomogeneously broadened quantum dot media. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 2654.	2.1	13
660	Control of photon storage time using phase locking. Optics Express, 2010, 18, 1704.	3.4	11
661	Proposal for all-optical controllable double state switch using dipole induced transparency (DIT). , 2010, , .		0
662	Stimulated Raman transitions via multiple atomic levels. Physical Review A, 2010, 81, .	2.5	13
663	All-optical pump-and-probe detection of two-time correlations in a Fermi gas. Physical Review A, 2010, 81, .	2.5	4
664	Nonlinear Faraday rotation and detection of superposition states in cold atoms. Physical Review A, 2010, 81, .	2.5	23
665	The energy storage in the formation of slow light. Journal of Modern Optics, 2010, 57, 1355-1365.	1.3	6
666	Selective Deflection of Polarized Light Via Coherently Driven Four-Level Atoms in a Double-ĥ Configuration. Communications in Theoretical Physics, 2010, 53, 923-926.	2.5	3
667	Quantum interface between light and atomic ensembles. Reviews of Modern Physics, 2010, 82, 1041-1093.	45.6	969
668	Coherent Population Trapping with Controlled Interparticle Interactions. Physical Review Letters, 2010, 104, 173602.	7.8	89
669	Cavity Optomechanics with Whispering-Gallery Mode Optical Micro-Resonators. Advances in Atomic, Molecular and Optical Physics, 2010, 58, 207-323.	2.3	84

#	Article	IF	CITATIONS
670	Dissipation-induced Tonks-Girardeau gas of polaritons. Physical Review A, 2010, 81, .	2.5	41
671	Large group delay in a microwave metamaterial analog of electromagnetically induced transparency. Applied Physics Letters, 2010, 97, .	3.3	147
672	Light pulse in <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"><mml:mrow><mml:mi>î></mml:mi></mml:mrow></mml:math> -type cold-atom gases. Physical Review A, 2010, 81, .	2.5	4
673	The parity operator in quantum optical metrology. Contemporary Physics, 2010, 51, 497-511.	1.8	110
674	Electromagnetically Induced Transparency with Amplification in Superconducting Circuits. Physical Review Letters, 2010, 105, 073601.	7.8	76
675	Tunable ultranarrow linewidth of a cavity induced by interacting dark resonances. Journal of Modern Optics, 2010, 57, 641-645.	1.3	13
676	Low-light-level cross-phase modulation by quantum interference. Physical Review A, 2010, 81, .	2.5	36
677	Stationary light pulses in cold thermal atomic clouds. Physical Review A, 2010, 82, .	2.5	39
678	Acoustic analog of electromagnetically induced transparency in periodic arrays of square rods. Physical Review E, 2010, 82, 026601.	2.1	52
679	Efficient all-optical routing using dynamically induced transparency windows and photonic band gaps. Physical Review A, 2010, 81, .	2.5	32
680	Universal entangler with photon pairs in arbitrary states. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 025502.	1.5	43
681	Storage of images in atomic coherences in a rare-earth-ion-doped solid. Physical Review A, 2010, 81, .	2.5	43
682	Passive and active control of a plasmonic mimic of electromagnetically induced transparency in stereometamaterials and planar metamaterials. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2010, 1, 045004.	1.5	10
683	Control of multitransparency windows via dark-state phase manipulation. Physical Review A, 2010, 81, .	2.5	39
684	Dynamical control of soliton formation and propagation in a Y-type atomic system with dual ladder-type electromagnetically induced transparency. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 065403.	1.5	22
685	Effect of ellipticity on Hanle electromagnetically induced absorption and transparency resonances with longitudinal and transverse magnetic fields. Physical Review A, 2010, 82, .	2.5	19
686	Vector magnetometry based on electromagnetically induced transparency in linearly polarized light. Physical Review A, 2010, 82, .	2.5	72
687	Interference between competing pathways in the interaction of three-level ladder atoms and radiation. Journal of Modern Optics, 2010, 57, 1366-1376.	1.3	13

#	Article	IF	CITATIONS
688	Decay of stationary light pulses in ultracold atoms. Physical Review A, 2010, 81, .	2.5	31
689	Electromagnetic response of a metamaterial with field-gradient-induced transparency. Physical Review B, 2010, 82, .	3.2	19
690	Stable weak-light ultraslow spatiotemporal solitons via atomic coherence. Physical Review A, 2011, 84,	2.5	22
691	Triple photonic band-gap structure dynamically induced in the presence of spontaneously generated coherence. Physical Review A, 2011, 83, .	2.5	13
692	Electromagnetically induced absorption via incoherent collisions. Physical Review A, 2011, 84, .	2.5	14
693	The incoherent pump rate: an optical tool for controlling the probe response and dispersion in a three-level Λ system in the presence of spontaneously generated coherence. Physica Scripta, 2011, 83, 015401.	2.5	9
694	Artificial Atoms Can Do More Than Atoms: Deterministic Single Photon Subtraction from Arbitrary Light Fields. Physical Review Letters, 2011, 107, 093601.	7.8	114
695	Spatial solitons in a three-level atomic medium supported by a Laguerre-Gaussian control beam. Physical Review A, 2011, 83, .	2.5	18
696	Optical vortices of slow light using a tripod scheme. Journal of Optics (United Kingdom), 2011, 13, 064013.	2.2	25
697	xmins:mm= http://www.w3.org/1996/Math/MathML_display= inline > <min:mmuluscripts><min:mi mathvariant="normal">Rb<mml:mprescripts></mml:mprescripts><mml:none /><mml:mrow><mml:mn>87</mml:mn></mml:mrow>to<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmuluscripts></mml:mmuluscripts></mml:mi /><mml:mrow><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmuluscripts>/><mml:mrow><mml:math< td=""><td>2.5</td><td>97</td></mml:math<></mml:mrow></mml:mmuluscripts></mml:math </mml:mrow></mml:math </mml:none </min:mi </min:mmuluscripts>	2.5	97
698	Nonlinear optical behavior of a four-level quantum well with coupled relaxation of optical and longitudinal phonons. Physical Review A, 2011, 84, .	2.5	43
699	Decoherence, Autler-Townes effect, and dark states in two-tone driving of a three-level superconducting system. Physical Review B, 2011, 84, .	3.2	48
700	Large optical nonlinearities with few photons. Proceedings of SPIE, 2011, , .	0.8	0
701	OPTICAL BISTABILITY VIA INCOHERENT PUMPING FIELDS IN SEMICONDUCTOR QUANTUM WELLS. Modern Physics Letters B, 2011, 25, 97-108.	1.9	9
702	Matched slow optical soliton pairs via biexciton coherence in quantum dots. Physical Review A, 2011, 84, .	2.5	135
703	Spatial vector solitons in a four-level tripod-type atomic system. Physical Review A, 2011, 84, .	2.5	23
704	Au@Ag core–shell nanoparticles: efficient all-plasmonic Fano-resonance generators. Nanoscale, 2011, 3, 3609.	5.6	80
705	Optical precursors with tunneling-induced transparency in asymmetric quantum wells. Physical Review A, 2011, 83, .	2.5	36

#	Article	IF	CITATIONS
706	Cold Rydberg gases and ultra-cold plasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 180201.	1.5	24
707	Slowing and stopping light using an optomechanical crystal array. New Journal of Physics, 2011, 13, 023003.	2.9	247
708	Laser cooling and real-time measurement of the nuclear spin environment of a solid-state qubit. Nature, 2011, 478, 497-501.	27.8	90
709	Many-body effects in a model of electromagnetically induced transparency. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 195505.	1.5	6
710	Electromagnetically induced transparency of the medium composed of atoms in thermal motion. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 215503.	1.5	0
711	Electromagnetically induced transparency in an open multilevel system. Physical Review A, 2011, 84, .	2.5	1
712	Electromagnetically Induced Transparency with Rydberg Atoms. Physical Review Letters, 2011, 107, 213601.	7.8	193
713	Resonant gain suppression and quantum destructive interference in a three-level open V system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 215504.	1.5	3
714	Multiple stable states of a periodically driven electron spin in a quantum dot using circularly polarized light. Physical Review B, 2011, 83, .	3.2	20
715	Coherent backscattering under conditions of electromagnetically induced transparency. Journal of Modern Optics, 2011, 58, 1928-1935.	1.3	2
716	Metamaterials: a new frontier of science and technology. Chemical Society Reviews, 2011, 40, 2494.	38.1	855
717	Experimental determination of the refractive index of metamaterials. Journal of Optics (United) Tj ETQq1 1 0.784	314 rgBT	/Oyerlock 10
718	Measurements of the magnetic field vector using multiple electromagnetically induced transparency resonances in Rb vapor. Physical Review A, 2011, 83, .	2.5	57
719	GHz Rabi Flopping to Rydberg States in Hot Atomic Vapor Cells. Physical Review Letters, 2011, 107, 243001.	7.8	55
720	Classical Analogue of Electromagnetically Induced Transparency with a Metal-Superconductor Hybrid Metamaterial. Physical Review Letters, 2011, 107, 043901.	7.8	251
721	Logic operations in a doped solid driven by stimulated Raman adiabatic passage. Physical Review A, 2011, 83, .	2.5	14
722	Enhancement of laser cooling by the use of magnetic gradients. New Journal of Physics, 2011, 13, 033009.	2.9	15
723	Molecular spectroscopy for ground-state transfer of ultracold RbCs molecules. Physical Chemistry Chemical Physics, 2011, 13, 18926.	2.8	68

ARTICLE IF CITATIONS # Effective Cross-Kerr Effect in the N-Type Four-Level Atom. Lecture Notes in Electrical Engineering, 2011, 724 0.4 1 , 421-426. Observation of ultra-narrow band plasmon induced transparency based on large-area hybrid 3.3 plasmon-waveguide systems. Applied Physics Letters, 2011, 99, . 726 Three-Dimensional Plasmon Rulers. Science, 2011, 332, 1407-1410. 12.6 522 Electromagnetically-induced-transparency-based cross-phase-modulation at attojoule levels. Physical 727 Review A, 2011, 83, . Propagation of0ï€pulses in a gas of three-level atoms. Physical Review A, 2011, 83, . 728 2.5 7 $Coherent\ generation\ and\ dynamic\ manipulation\ of\ double\ stationary\ light\ pulses\ in\ a\ five-level\ double-tripod\ system\ of\ cold\ atoms.\ Physical\ Review\ A,\ 2011,\ 84,\ .$ 729 2.5 Magneto-optical switching and routing via coherently induced photonic band gaps in a drivenFe= 0â†"Fg= 730 1.5 4 1 transition. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 065502. Cross-phase modulation and population redistribution in a periodic tripod medium. Journal of Modern 1.3 Optics, 2011, 58, 978-987. Generators of nonclassical states by a combination of linear coupling of boson modes, Kerr 732 2.5 3 nonlinearity, and strong linear losses. Physical Review A, 2011, 84, . Low-Light-Level Cross-Phase Modulation with Double Slow Light Pulses. Physical Review Letters, 2011, 106, 193006. Demonstration of double EIT using coupled harmonic oscillators and RLC circuits. European Journal 734 0.6 37 of Physics, 2011, 32, 541-558. Electromagnetically induced transparency in metamaterials: Influence of intrinsic loss and dynamic 3.2 evolution. Physical Review B, 2011, 83, . Electromagnetically induced transparency in a cavity optomechanical system with an atomic medium. 736 1.5 39 Journal of Physics É: Atomic, Molecular and Optical Physics, 2011, 44, 165505. Switching enhancement and suppression of four-wave mixing via a dressing field. Journal of Modern 1.3 Optics, 2011, 58, 802-809. Phase-sensitive microwave optical double resonance in an N system. Europhysics Letters, 2011, 95, 738 2.0 13 34005. Q-factor enhancement in a one-dimensional photonic crystal cavity with embedded planar plasmonic metamaterials. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2011, 28, 314. Coherence induced by a train of ultrashort pulses in a î-type system. Journal of the Optical Society of 740 2.1 14 America B: Optical Physics, 2011, 28, 1124. Optical vortex filtering for the detection of electromagnetically induced transparency. Journal of 741 2.1 the Optical Society of America B: Optical Physics, 2011, 28, 2129.

#	Article	IF	CITATIONS
742	Enhanced four-wave mixing via crossover resonance in cesium vapor. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 2220.	2.1	4
743	Creation of coherent superposition states in inhomogeneously broadened media with relaxation. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 2785.	2.1	4
744	Increasing photocell power by quantum coherence induced by external source. Physical Review A, 2011, 84, .	2.5	15
745	Remote Entanglement between a Single Atom and a Bose-Einstein Condensate. Physical Review Letters, 2011, 106, 210503.	7.8	103
746	Limitations and guidelines for measuring the spectral width of a single pulse of light with a Fabry–Perot interferometer. Applied Optics, 2011, 50, 347.	2.1	3
747	All-optical Fresnel lens in coherent media: controlling image with image. Optics Express, 2011, 19, 981.	3.4	13
748	Electromagnetically-induced phase grating: A coupled-wave theory analysis. Optics Express, 2011, 19, 1936.	3.4	36
749	High-order nonlinear SchrĶdinger equation and weak-light superluminal solitons in active Raman gain media with two control fields. Optics Express, 2011, 19, 1963.	3.4	14
750	Steady optical spectra and light propagation dynamics in cold atomic samples with homogeneous or inhomogeneous densities. Optics Express, 2011, 19, 2111.	3.4	12
751	Plasmon-induced transparency with detuned ultracompact Fabry-Perot resonators in integrated plasmonic devices. Optics Express, 2011, 19, 3251.	3.4	300
752	Phase-controlled switching by interference between incoherent fields in a double-ĥ system. Optics Express, 2011, 19, 4113.	3.4	14
753	Manipulating the plasmon-induced transparency in terahertz metamaterials. Optics Express, 2011, 19, 8912.	3.4	207
754	Slow-light-enhanced codirectional couplers with negative index materials. Optics Express, 2011, 19, 10088.	3.4	1
755	Discrimination of one-photon and two-photon coherence parts in electromagnetically induced transparency for a ladder-type three-level atomic system. Optics Express, 2011, 19, 11128.	3.4	34
756	Dynamic generation of robust and controlled beating signals in an asymmetric procedure of light storage and retrieval. Optics Express, 2011, 19, 11832.	3.4	12
757	An extremely robust strong-field control of atomic coherence. Optics Express, 2011, 19, 17493.	3.4	3
758	Plasmon induced transparency in cascaded π-shaped metamaterials. Optics Express, 2011, 19, 22607.	3.4	57
759	Giant Kerr Nonlinearity, Controlled Entangled Photons and Polarization Phase Gates in Coupled Quantum-Well Structures. Optics Express, 2011, 19, 23364.	3.4	81

ARTICLE IF CITATIONS Hybridization Induced Transparency in composites of metamaterials and atomic media. Optics Express, 760 3.4 54 2011, 19, 23573. Index of refraction engineering in five-level dressed interacting ground states atoms. Optics Letters, 761 3.3 2011, 36, 3130. 762 Induced transparency in nanoscale plasmonic resonator systems. Optics Letters, 2011, 36, 3233. 3.3 176 Electromagnetically induced transparency-like transmission in periodically poled lithium niobate with a defect. Optics Letters, 2011, 36, 4434. Optical storage with electromagnetically induced transparency in a dense cold atomic ensemble. 764 3.3 57 Optics Letters, 2011, 36, 4530. Vacuum-Induced Transparency. Science, 2011, 333, 1266-1269. 12.6 Phase control of coherent pulse propagation and switching based on electromagnetically induced 766 transparency in a four-level atomic system. Journal of Physics B: Atomic, Molecular and Optical 1.5 21 Physics, 2011, 44, 085502. Photon-Photon Interactions via Rydberg Blockade. Physical Review Letters, 2011, 107, 133602. 305 768 Slow polaritons with orbital angular momentum in atomic gases. Physical Review A, 2011, 83, . 2.5 48 Photonic-band-gap properties for two-component slow light. Physical Review A, 2011, 83, . 2.5 Luttinger Liquid of Photons and Spin-Charge Separation in Hollow-Core Fibers. Physical Review 770 7.8 43 Letters, 2011, 106, 153601. Dynamics of slow light and light storage in a Doppler-broadened 771 electromagnetically-induced-transparency medium: A numerical approach. Physical Review A, 2011, 83, . Cavity electromagnetically induced transparency and all-optical switching using ion Coulomb 772 31.4 107 crystals. Nature Photonics, 2011, 5, 633-636. <i>Colloquium</i>: Artificial gauge potentials for neutral atoms. Reviews of Modern Physics, 2011, 83, 45.6 1,630 1523-1543. Numerical Simulation of EIT-Based Slow Light in the Doppler-Broadened Atomic Media of the Rubidium 774 0 D2 Line., 2011,,. ROOM TEMPERATURE TERAHERTZ PHOTODETECTION IN ATOMIC AND QUANTUM WELL REALIZED 1.0 STRUCTURES. Progress in Electromagnetics Research B, 2011, 28, 163-182. Electromagnetically induced transparency in low-doped n-GaAs., 2011, , . 777 0 Absolute absorption on the rubidium D₁line including resonant dipole–dipole 1.5

interactions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 195006.

CITATION REPORT

#

#	Article	IF	CITATIONS
779	Bichromatic field propagation in a resonant medium: Floquet analysis. Journal of Physics: Conference Series, 2011, 268, 012013.	0.4	1
780	Coherently walking, rocking and blinding single neutral atoms. Journal of Physics: Conference Series, 2011, 264, 012021.	0.4	3
781	Lattice Solitons in Optical Lattice Controlled by Electromagnetically Induced Transparency. Journal of the Physical Society of Japan, 2011, 80, 113401.	1.6	19
782	Effect of spontaneously generated coherence on left-handedness in a degeneracy atomic system. JETP Letters, 2011, 94, 347-352.	1.4	6
783	Electromagnetically induced transparency and slow light with optomechanics. Nature, 2011, 472, 69-73.	27.8	1,259
784	Transient electron population and optical properties in a semiconductor quantum well. Superlattices and Microstructures, 2011, 50, 734-742.	3.1	12
785	Plasmonic electromagnetically-induced transparency in metamaterial based on second-order plasmonic resonance. Optics Communications, 2011, 284, 4766-4768.	2.1	40
786	Subnatural linewidth in a strongly-driven degenerate two-level system. Optics Communications, 2011, 284, 4957-4960.	2.1	12
787	Storage and retrieval of coherent optical information in atomic populations. Optics Communications, 2011, 284, 5710-5718.	2.1	1
788	The effect of Doppler broadening on dispersive and absorptive properties in atomic systems with two-photon interference. Optics Communications, 2011, 284, 5697-5701.	2.1	15
789	Short pulse propagation in an inverted two-level medium. Optical Memory and Neural Networks (Information Optics), 2011, 20, 233-236.	1.0	0
790	Quantum repeaters based on atomic ensembles and linear optics. Reviews of Modern Physics, 2011, 83, 33-80.	45.6	1,412
791	Quantum interference in a four-level system of a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Rb<mml:mprescripts></mml:mprescripts><mml:none /><mml:mrow><mml:mn>87</mml:mn></mml:mrow>atom: Effects of</mml:none </mml:mi </mml:mmultiscripts></mml:math 	2.5	30
792	spontaneously generated conerence. Physical Review A, 2011, 83, . Electromagnetically induced grating with maximal atomic coherence. Physical Review A, 2011, 84, .	2.5	8
793	Open-system effects on slow light and electromagnetically induced transparency. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 135501.	1.5	1
794	Electromagnetically induced transparency in a five-level <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>i></mml:mi></mml:mrow>system dominated by two-photon resonant transitions. Physical Review A, 2011, 83</mml:math 	2.5	17
795	Effects of thermal motion on electromagnetically induced absorption. Physical Review A, 2011, 83, .	2.5	6
796	Controlling the spectrum of light pulses by dynamical electromagnetically induced transparency. Physical Review A, 2011, 83, .	2.5	7

#	Article	IF	CITATIONS
797	Position-dependent absorption-dispersion spectrum of a ĥ-type three-level atom embedded in a defective photonic crystal. Journal of Modern Optics, 2011, 58, 1666-1672.	1.3	2
798	Switching Light by Vacuum. Science, 2011, 333, 1228-1229.	12.6	3
799	Two-dimensional atom localization via two standing-wave fields in a four-level atomic system. Physica Scripta, 2011, 84, 065402.	2.5	10
800	Light storage in an optically thick atomic ensemble under conditions of electromagnetically induced transparency and four-wave mixing. Physical Review A, 2011, 83, .	2.5	59
801	Demonstration of a Single-Photon Router in the Microwave Regime. Physical Review Letters, 2011, 107, 073601.	7.8	377
802	Robust Quantum Dot Exciton Generation via Adiabatic Passage with Frequency-Swept Optical Pulses. Physical Review Letters, 2011, 106, 166801.	7.8	105
803	Field-programmable gate array based locking circuit for external cavity diode laser frequency stabilization. Review of Scientific Instruments, 2011, 82, 103103.	1.3	22
804	Few-cycle self-induced-transparency solitons. Physical Review A, 2011, 83, .	2.5	14
805	Electromagnetically induced transparency in ĥ-system involving D 2 line of Rb atoms confined in sub-micron columns. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 334-341.	0.6	8
806	Experiments on quantum coherence with cold atoms. Optics and Spectroscopy (English Translation of) Tj ETQq1	1 0.7843	14 ₃ rgBT /Ove
807	Enhancement of electromagnetically induced transparency in room temperature alkali metal vapor. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 583-588.	0.6	2
807 808	Enhancement of electromagnetically induced transparency in room temperature alkali metal vapor. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 583-588. On some peculiarities of propagation of weak electromagnetic pulses in Bose-Einstein condensates of alkali-metal atoms. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 639-646.	0.6	2
807 808 809	Enhancement of electromagnetically induced transparency in room temperature alkali metal vapor. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 583-588. On some peculiarities of propagation of weak electromagnetic pulses in Bose-Einstein condensates of alkali-metal atoms. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 639-646. Solid state multi-ensemble quantum computer in cavity quantum electrodynamics model. Laser Physics, 2011, 21, 1503-1510.	0.6 0.6 1.2	2 0 2
807 808 809 810	Enhancement of electromagnetically induced transparency in room temperature alkali metal vapor. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 583-588. On some peculiarities of propagation of weak electromagnetic pulses in Bose-Einstein condensates of alkali-metal atoms. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 639-646. Solid state multi-ensemble quantum computer in cavity quantum electrodynamics model. Laser Physics, 2011, 21, 1503-1510. Microscopic theory of scattering of weak electromagnetic radiation by a dense ensemble of ultracold atoms. Journal of Experimental and Theoretical Physics, 2011, 112, 246-260.	0.6 0.6 1.2 0.9	2 0 2 77
807 808 809 810 811	Enhancement of electromagnetically induced transparency in room temperature alkali metal vapor. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 583-588.On some peculiarities of propagation of weak electromagnetic pulses in Bose-Einstein condensates of alkali-metal atoms. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 639-646.Solid state multi-ensemble quantum computer in cavity quantum electrodynamics model. Laser Physics, 2011, 21, 1503-1510.Microscopic theory of scattering of weak electromagnetic radiation by a dense ensemble of ultracold atoms. Journal of Experimental and Theoretical Physics, 2011, 112, 246-260.Controlled cavity-assisted generation of single and entangled photons in semiconductor quantum dots. European Physical Journal B, 2011, 82, 29-35.	0.6 0.6 1.2 0.9	2 0 2 77 5
807 808 809 810 811 811	Enhancement of electromagnetically induced transparency in room temperature alkali metal vapor. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 583-588. On some peculiarities of propagation of weak electromagnetic pulses in Bose-Einstein condensates of alkali-metal atoms. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 639-646. Solid state multi-ensemble quantum computer in cavity quantum electrodynamics model. Laser Physics, 2011, 21, 1503-1510. Microscopic theory of scattering of weak electromagnetic radiation by a dense ensemble of ultracold atoms. Journal of Experimental and Theoretical Physics, 2011, 112, 246-260. Controlled cavity-assisted generation of single and entangled photons in semiconductor quantum dots. European Physical Journal B, 2011, 82, 29-35. Collision characteristics between two temporal untraslow vector optical solitons in a five-level V type system. European Physical Journal D, 2011, 61, 181-186.	0.6 0.6 1.2 0.9 1.5	2 0 2 77 5
807 808 809 810 811 812 813	Enhancement of electromagnetically induced transparency in room temperature alkali metal vapor. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 583-588.On some peculiarities of propagation of weak electromagnetic pulses in Bose-Einstein condensates of alkali-metal atoms. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 639-646.Solid state multi-ensemble quantum computer in cavity quantum electrodynamics model. Laser Physics, 2011, 21, 1503-1510.Microscopic theory of scattering of weak electromagnetic radiation by a dense ensemble of ultracold atoms. Journal of Experimental and Theoretical Physics, 2011, 112, 246-260.Controlled cavity-assisted generation of single and entangled photons in semiconductor quantum dots. European Physical Journal B, 2011, 82, 29-35.Collision characteristics between two temporal untraslow vector optical solitons in a five-level V type system. European Physical Journal D, 2011, 61, 221-229.Modulation transfer in Doppler broadened Îs system and its application to frequency offset locking. European Physical Journal D, 2011, 61, 221-229.	0.6 0.6 1.2 0.9 1.5 1.3	2 0 2 77 5 3 8

#	Article	IF	CITATIONS
815	Quantum jumps induced by the center-of-mass motion of a trapped atom. European Physical Journal D, 2011, 61, 21-32.	1.3	2
816	Tunneling-induced π-phase shift of a quantum-dot molecule coupled to a single-sided cavity. European Physical Journal D, 2011, 62, 425-431.	1.3	7
817	Dynamics of quantum discord for two correlated qubits in two independent reservoirs at finite temperature. European Physical Journal D, 2011, 64, 565-571.	1.3	8
818	Tailoring quantum superpositions with linearly polarized amplitude-modulated light. Physical Review A, 2011, 83, .	2.5	19
819	Nonlocal Nonlinear Optics in Cold Rydberg Gases. Physical Review Letters, 2011, 107, 153001.	7.8	172
820	Electromagnetically induced transparency in an inhomogeneously broadened <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>i></mml:mi></mml:mrow>transition with multiple excited levels. Physical Review A 2011 83</mml:math 	2.5	44
821	Digital quantum simulation with Rydberg atoms. Quantum Information Processing, 2011, 10, 885-906.	2.2	55
822	Double EIT and enhanced EIT signal in a combination of ĥ- andÂV-type system of Rb-D2 transition. Applied Physics B: Lasers and Optics, 2011, 103, 117-122.	2.2	10
823	EIT-based quantum memory for single photons from cavity-QED. Applied Physics B: Lasers and Optics, 2011, 103, 579-589.	2.2	12
824	A laser system for the excitation of rubidium Rydberg states using second harmonic generation in a PPLN waveguide crystal. Applied Physics B: Lasers and Optics, 2011, 104, 577-581.	2.2	4
825	High contrast D 1 line electromagnetically induced transparency in nanometric-thin rubidium vapor cell. Applied Physics B: Lasers and Optics, 2011, 105, 767-774.	2.2	32
826	A Maxwell–Schrödinger solver for quantum optical few-level systems. Computer Physics Communications, 2011, 182, 739-747.	7.5	8
827	Electromagnetically induced transparency and enhanced self-Kerr nonlinearity in a four-level scheme. Optik, 2011, 122, 986-990.	2.9	26
828	Control of the probe absorption via incoherent pumping fields in asymmetric semiconductor quantum wells. Annals of Physics, 2011, 326, 340-349.	2.8	29
829	Cavity linewidth narrowing by voltage-controlled induced transparency in asymmetry quantum dot molecules. Optics Communications, 2011, 284, 824-827.	2.1	23
830	Dual-channel all-optical switching with tunable frequency in a five-level double-ladder atomic system. Optics Communications, 2011, 284, 2930-2936.	2.1	15
831	Analytic solutions for a three-level system in a time-dependent field. Physica D: Nonlinear Phenomena, 2011, 240, 542-545.	2.8	5
832	Controlled optical properties of a five-level atom embedded in photonic crystals with defect modes. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 1737-1745.	2.1	6

#	Article	IF	CITATIONS
833	Atomic magnetometer based on a double-dark-state system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 3296-3299.	2.1	2
834	Line broadening of electromagnetically induced transparency at high optical power. Journal of Optics (India), 2011, 40, 23-29.	1.7	0
835	Non-perturbative time-dependent numerical simulation for electromagnetically induced transparency and slow light in three-level Λ-type atoms. Computer Physics Communications, 2011, 182, 143-145.	7.5	1
836	Dipole-induced grating in a waveguide-coupled photonic crystal microcavity embedding a driven three-level emitter. Physica B: Condensed Matter, 2011, 406, 3963-3968.	2.7	5
837	Phase dependence of cross-phase modulation in asymmetric quantum wells. Optics Communications, 2011, 284, 276-281.	2.1	25
838	Lensing and waveguiding of ultraslow pulses in an atomic Bose–Einstein condensate. Optics Communications, 2011, 284, 1197-1201.	2.1	0
839	Dynamic control of photonic bandgap mediated by vacuum-induced coherence. Optics Communications, 2011, 284, 1262-1273.	2.1	1
840	Double dark resonances and the dispersion properties in a four-level inverted-Y atomic system. Optics Communications, 2011, 284, 1603-1607.	2.1	8
841	Coherently induced double photonic band gaps in a driven N-type atomic system. Optics Communications, 2011, 284, 1569-1574.	2.1	4
842	Electromagnetic transparency and slow light in an isotropic 3D optical metamaterial, due to Fano-like coupling of Mie resonances in excitonic nano-sphere inclusions. Optics Communications, 2011, 284, 1701-1710.	2.1	3
843	Carrier-envelope phase dependence of the duration of generated solitons for few-cycle rectangular laser pulses propagation. Optics Communications, 2011, 284, 4059-4063.	2.1	6
844	Efficient solid state memories for quantum cryptography. Journal of Luminescence, 2011, 131, 469-472.	3.1	1
845	Optical bistability and multistability via quantum interference in an Er3+-doped optical fiber. Journal of Luminescence, 2011, 131, 2404-2408.	3.1	34
846	Electron population and optical properties via incoherent pumping fields in semiconductor quantum wells. Physica E: Low-Dimensional Systems and Nanostructures, 2011, 43, 1763-1768.	2.7	3
847	Laser-induced spin protection and switching in a specially designed magnetic dot: A theoretical investigation. Europhysics Letters, 2011, 94, 17005.	2.0	2
848	Coherent spectroscopy of a $\hat{\bf b}$ atomic system and its prospective application to tunable frequency offset locking. Physica Scripta, 2011, 84, 035401.	2.5	2
849	Quantum interference in interacting three-level Rydberg gases: coherent population trapping and electromagnetically induced transparency. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 184018.	1.5	57
850	Cross-Kerr nonlinearities in an optically dressed periodic medium. Physica Scripta, 2011, T143, 014022.	2.5	2

#	Article	IF	CITATIONS
851	Double spin resonance in a spatially periodic magnetic field with zero average. Europhysics Letters, 2011, 94, 28001.	2.0	10
852	An effective thermal-parametrization theory for the slow-light dynamics in a Doppler-broadened electromagnetically induced transparency medium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 165504.	1.5	10
853	Probing degenerate two-level atomic media by coherent optical heterodyning. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 175502.	1.5	9
854	Microwave dressing of Rydberg dark states. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 184020.	1.5	89
855	Double-control coherent absorption and transparency in a six-level optical gain medium. Physica Scripta, 2011, 84, 045405.	2.5	1
856	Large cross-phase shifts among three slow weak pulses via triple electromagnetically induced transparency. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 065501.	1.5	8
857	An analytical model of off-resonant Faraday rotation in hot alkali metal vapours. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 235004.	1.5	12
858	Dissipation-induced correlations in one-dimensional bosonic systems. New Journal of Physics, 2011, 13, 053027.	2.9	10
859	Non-Markovian dynamics of a three-level $\hat{\mathbf{b}}$ -atom coupled to a structured reservoir: comparison between the weak and strong coupling regimes. Physica Scripta, 2011, 83, 015013.	2.5	4
860	Two-Photon Scattering by a Driven Three-Level Emitter in a One-Dimensional Waveguide and Electromagnetically Induced Transparency. Physical Review Letters, 2011, 106, 053601.	7.8	165
861	Objectively Discerning Autler-Townes Splitting from Electromagnetically Induced Transparency. Physical Review Letters, 2011, 107, 163604.	7.8	221
862	Nonlinearly <mml:math display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="script">PT</mml:mi </mml:math> -symmetric systems: Spontaneous symmetry breaking and transmission resonances. Physical Review A, 2011, 84, .	2.5	183
863	Ultrahigh-resolution spectroscopy with atomic or molecular dark resonances: Exact steady-state line shapes and asymptotic profiles in the adiabatic pulsed regime. Physical Review A, 2011, 84, .	2.5	35
864	Proposed solid-state Faraday anomalous-dispersion optical filter. Physical Review A, 2011, 84, .	2.5	6
865	Probing molecular chirality by coherent optical absorption spectra. Physical Review A, 2011, 84, .	2.5	29
866	Diagrammatic analysis of multiphoton processes in a ladder-type three-level atomic system. Physical Review A, 2011, 84, .	2.5	24
867	Dispersion of the dielectric permittivity of dense and cold atomic gases. Physical Review A, 2011, 84, .	2.5	50
868	Nonequilibrium and local detection of the normal fraction of a trapped two-dimensional Bose gas. Physical Review A, 2011, 84, .	2.5	6

#	Article	IF	CITATIONS
869	Robust quantum gates via a photon triggering electromagnetically induced transparency. Physical Review A, 2011, 84, .	2.5	5
870	Approach to accurately measuring the speed of optical precursors. Physical Review A, 2011, 84, .	2.5	10
871	Mechanism and computational model for Lyman- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>î±</mml:mi>-radiation generation by high-intensity-laser four-wave mixing in Kr-Ar gas. Physical Review A, 2011, 84, .</mml:math 	2.5	7
872	Manipulation of the resonance interaction in Mach-Zehnder-Fano interferometers. Physical Review A, 2011, 84, .	2.5	9
873	Generation of tunable-volume transmission-holographic gratings at low light levels. Physical Review A, 2011, 84, .	2.5	23
874	Laser-assisted-autoionization dynamics of helium resonances with single attosecond pulses. Physical Review A, 2011, 84, .	2.5	33
875	Electrometry near a dielectric surface using Rydberg electromagnetically induced transparency. Physical Review A, 2011, 84, .	2.5	51
876	Control of dark-state polariton collapses in a doped crystal. Physical Review A, 2011, 84, .	2.5	12
877	Forward four-wave mixing as an effective mechanism for generation of polychromatic correlated fields in a <mml:math display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:math display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML"></mml:math></mml:math> medium. Physical Review A, 2011, 83, .	2.5	5
878	Simultaneous control of two four-wave-mixing fields via atomic spin coherence. Physical Review A, 2011, 83, .	2.5	8
879	Controlling the delocalization-localization transition of light via electromagnetically induced transparency. Physical Review A, 2011, 83, .	2.5	16
880	Transparency or spectral narrowing for two-mode squeezing and entanglement. Physical Review A, 2011, 83, .	2.5	4
881	Cross-Kerr nonlinearity between continuous-mode coherent states and single photons. Physical Review A, 2011, 83, .	2.5	104
882	Electromagnetically induced blazed grating at low light levels. Physical Review A, 2011, 83, . Propagation dynamics of controlled cross-talk via interplay between <mml:math< td=""><td>2.5</td><td>25</td></mml:math<>	2.5	25
883	display="inline"> <mml:mrow><mml:msup><mml:mi>lt</mml:mi><mml:mrow><mml:mo stretchy="false">(<mml:mn>1</mml:mn><mml:mo) (st<="" 0="" 10="" 177="" 50="" etqq0="" overlock="" rgbt="" td="" tf="" tj=""><td>retz.by="fa</td><td>lsæ'&)</td></mml:mo)></mml:mo </mml:mrow></mml:msup></mml:mrow>	ret z.b y="fa	lsæ'&)
884	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> <mml:mrow><mml:msup><mml:mi Nondegenerate phase-conjugate wave via stored atomic coherence based on electromagnetically induced transparency in solids. Physical Review A, 2011, 83, .</mml:mi </mml:msup></mml:mrow>	2.5	11
885	Quantum interference in timed Dicke basis and its effect on bipartite entanglement. Physical Review A, 2011, 83, .	2.5	9
886	Electromagnetically induced transparency in strongly interacting Rydberg gases. Physical Review A, 2011, 83, .	2.5	95

# 887	ARTICLE Simultaneous electromagnetically induced transparency for two circularly polarized lasers coupled to the same linearly polarized laser in a four-level atomic system in the W scheme. Physical Review A, 2011, 83	lF 2.5	Citations 8
888	Gain-assisted high-dimensional self-trapped laser beams at very low light levels. Physical Review A, 2011, 83, .	2.5	13
889	Transient absorption and reshaping of ultrafast XUV light by laser-dressed helium. Physical Review A, 2011, 83, .	2.5	145
890	Coherent control of the cooperative branching ratio for nuclear x-ray pumping. Physical Review B, 2011, 83, .	3.2	6
891	Vacuum-induced transparency. , 2011, , .		0
892	Optical resonances in a composite asymmetric plasmonic nanostructure. Journal of Applied Physics, 2011, 109, 114310.	2.5	16
893	Cavity electromagnetically induced transparency and optical switching with ion Coulomb crystals. , 2011, , .		0
894	Remote entanglement between a single atom and a Bose-Einstein condensate. , 2011, , .		0
895	Coherent population trapping with controlled interparticle interactions. , 2011, , .		0
896	Coupled-Resonator-Induced Transparency with a Squeezed Vacuum. Physical Review Letters, 2011, 106, 153602.	7.8	30
897	Strongly interacting photons in hollow-core waveguides. Physical Review A, 2011, 83, .	2.5	82
898	Polarization-preserving confocal microscope for optical experiments in a dilution refrigerator with high magnetic field. Review of Scientific Instruments, 2011, 82, 043105.	1.3	8
899	Enhancement of the nonlinearity via interacting dark resonances. , 2011, , .		0
900	Superconducting terahertz metamaterials mimicking electromagnetically induced transparency. Applied Physics Letters, 2011, 99, .	3.3	97
901	Cross-polarization mode coupling in whispering-gallery microresonators. , 2011, , .		0
903	Generation of Four-Mode Cluster-Type Entangled Coherent States in Free-Traveling Optical Fields. Communications in Theoretical Physics, 2011, 55, 426-430.	2.5	3
904	Quantum interferences in four-wave mixing processes inside a cavity driven by quantized fields. Chinese Physics B, 2011, 20, 054202.	1.4	1
905	Nonadiabatic Effects of Atomic Coherence on Laser Intensity Fluctuations in Electromagnetically Induced Transparency. Chinese Physics Letters, 2011, 28, 074217.	3.3	1

#	Article	IF	CITATIONS
906	Effective Bose—Hubbard interaction with enhanced nonlinearity in an array of coupled cavities. Chinese Physics B, 2011, 20, 074205.	1.4	11
907	Dark states and Aharonov—Bohm oscillations in multi-quantum-dot systems. Chinese Physics B, 2011, 20, 020303.	1.4	5
908	Optical transparency by detuned electrical dipoles. New Journal of Physics, 2011, 13, 023034.	2.9	58
909	Electromagnetically Induced Transparency in an Optomechanical System. Chinese Physics Letters, 2011, 28, 104203.	3.3	8
910	Normal mode splitting and ground state cooling in a Fabry—Perot optical cavity and transmission line resonator. Chinese Physics B, 2011, 20, 124203.	1.4	4
911	QUANTUM INFORMATICS WITH PLASMONIC META-MATERIALS. International Journal of Quantum Information, 2011, 09, 263-279.	1.1	8
912	Simultaneous slow and fast light. , 2011, , .		0
913	Photonic quantum information processing: From quantum memories to photon-photon gates. , 2011, , .		1
915	Slow-light information conversion in a rare-earth-ion-doped solid. New Journal of Physics, 2011, 13, 123008.	2.9	4
916	Nonlinear resonances caused by coherent, optical pumping and saturating effects in the presence of three laser fields for the ⁸⁵ Rb-D ₂ line. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 115501.	1.5	13
917	Storage and manipulation of light using a Raman gradient-echo process. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 124004.	1.5	30
918	Bichromatic field generation from double-four-wave mixing in a double-electromagnetically induced transparency system. New Journal of Physics, 2012, 14, 073047.	2.9	12
919	Controlling core hole relaxation dynamics via intense optical fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 141001.	1.5	18
920	Optical preparation and measurement of atomic coherence at gigahertz bandwidth. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 124009.	1.5	2
921	Time- and frequency-domain polariton interference. New Journal of Physics, 2012, 14, 033022.	2.9	26
922	Enhancing the sensitivity and robustness of label-free imaging systems via stimulated Raman adiabatic passage. New Journal of Physics, 2012, 14, 013018.	2.9	1
923	Transmission, trapping and filtering of waves in periodically constrained elastic plates. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2012, 468, 76-93.	2.1	32
924	Dynamical Autler-Townes control of a phase qubit. Scientific Reports, 2012, 2, 645.	3.3	42

		CITATION RE	EPORT	
#	Article		IF	CITATIONS
925	High-order optical nonlinearity at low light levels. Europhysics Letters, 2012, 98, 24001		2.0	30
926	Highly efficient four-wave mixing induced by quantum constructive interference in rubio Chinese Physics B, 2012, 21, 034205.	dium vapour.	1.4	8
927	Fano resonance in whispering gallery photonic microcavities. Proceedings of SPIE, 2012	2, , .	0.8	3
928	Three-photon electromagnetically induced transparency using Rydberg states. Optics L 3858.	etters, 2012, 37,	3.3	74
929	Reflective interferometry for optical metamaterial phase measurements. Optics Letters,	, 2012, 37, 4089.	3.3	31
930	Steady-State Solution for Dark States Using a Three-Level System in Coupled Quantum Journal of Applied Physics, 2012, 51, 02BJ07.	Dots. Japanese	1.5	4
931	Electromagnetically induced transparency and photon-photon interactions with Rydber Journal of Physics: Conference Series, 2012, 350, 012001.	g atoms.	0.4	3
932	Strong-field induced XUV transmission and multiplet splitting in 4 <i>d</i> â^'16 <i>p</i> studied by femtosecond XUV transient absorption spectroscopy. Journal of Chemical Pl 244305.	core-excited Xe hysics, 2012, 137,	3.0	29
933	Polarization spectroscopy of an excited state transition. Optics Letters, 2012, 37, 118.		3.3	56
934	Bio-organism detection in one-dimensional photonic crystals using electromagnetically transparency. Optics Letters, 2012, 37, 410.	induced	3.3	5
935	High Q-factor and large group delay at microwave wavelengths via electromagnetically transparency in metamaterials. Journal of the Optical Society of America B: Optical Phys 2329.	induced sics, 2012, 29,	2.1	30
936	Observation of dressed odd-order multi-wave mixing in five-level atomic medium. Optic 20, 1912.	s Express, 2012,	3.4	16
937	Enhancing electromagnetically-induced transparency in a multilevel broadened medium Express, 2012, 20, 4346.	. Optics	3.4	17
938	Storage and retrieval of ghost images in hot atomic vapor. Optics Express, 2012, 20, 58	809.	3.4	21
939	Tunable slow and fast light device based on a carbon nanotube resonator. Optics Expre 5840.	ss, 2012, 20,	3.4	21
940	Optomechanically induced non-reciprocity in microring resonators. Optics Express, 201	2, 20, 7672.	3.4	226
941	Highly-dispersive electromagnetic induced transparency in planar symmetric metamate Express, 2012, 20, 17581.	rials. Optics	3.4	51
942	Controllable optical analog to electromagnetically induced transparency in coupled hig microtoroid cavities. Optics Express, 2012, 20, 18319.	h-Q	3.4	76

		CITATION R	EPORT	
#	Article		IF	CITATIONS
943	Optimal storage and retrieval of single-photon waveforms. Optics Express, 2012, 20, 2	4124.	3.4	60
944	Controllable motion of optical vortex arrays using electromagnetically induced transpa Express, 2012, 20, 24835.	rency. Optics	3.4	5
945	Vectorial mechanism of nonlinearity enhancement in rubidium vapor. Journal of the Op America B: Optical Physics, 2012, 29, 2588.	itical Society of	2.1	3
946	Ultraslow optical solitons in atomic media with spontaneously generated coherence. Jo Optical Society of America B: Optical Physics, 2012, 29, 2009.	burnal of the	2.1	3
947	Coupled plasmon-exciton induced transparency and slow light in plexcitonic metamate of the Optical Society of America B: Optical Physics, 2012, 29, 2297.	erials. Journal	2.1	18
948	Comparison between transparencies of 5S_1/2-5P_3/2-4D_5/2 and 5S_1/2-5P_3/2-5D ^87Rb atoms. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 1	_5/2 transitions of 557.	2.1	11
949	Enhanced optical precursors by Doppler effect via active Raman gain process. Optics L 3333.	etters, 2012, 37,	3.3	17
950	Hyperfine Paschen–Back regime realized in Rb nanocell. Optics Letters, 2012, 37, 13	.79.	3.3	60
951	Multi-band slow light metamaterial. Optics Express, 2012, 20, 4494.		3.4	118
952	Strongly interacting photons in asymmetric quantum well via resonant tunneling. Opti 2012, 20, 8485.	cs Express,	3.4	17
953	Lineshapes in two-color polarization spectroscopy for cesium. Optics Express, 2012, 20), 21784.	3.4	10
954	All-optical vapor density control for electromagnetically induced transparency. Journal Optical Society of America B: Optical Physics, 2012, 29, 2729.	of the	2.1	16
955	A dark-line two-dimensional magneto-optical trap of 85Rb atoms with high optical dep Scientific Instruments, 2012, 83, 073102.	th. Review of	1.3	57
956	Optical bistability based on an analog of electromagnetically induced transparencyin p waveguide-coupled resonators. Applied Optics, 2012, 51, 7482.	lasmonic	1.8	20
957	Coherence-Assisted Resonance with Sub-Transit-Limited Linewidth. Physical Review Let 233006.	ters, 2012, 109,	7.8	10
958	Interaction Enhanced Imaging of Individual Rydberg Atoms in Dense Gases. Physical Re 2012, 108, 013002.	view Letters,	7.8	85
959	Incoherent optical control of pulse propagation and compression. Physical Review A, 2	012, 86, .	2.5	5
960	Light-induced states in attosecond transient absorption spectra of laser-dressed heliun Review A, 2012, 86, .	n. Physical	2.5	112

#	Article	IF	CITATIONS
961	Photoexcitation of <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"><mml:mrow><mml:mi>n</mml:mi><mml:mo>â‰f</mml:mo><mml:mn>305</mml:mn>states in the presence of an rf drive field. Physical Review A, 2012, 86, .</mml:mrow></mml:math>	n l:mzos w><	/mr al tmath>Ry
962	Detrimental adsorbate fields in experiments with cold Rydberg gases near surfaces. Physical Review A, 2012, 86, .	2.5	55
963	Generating non-Gaussian states using collisions between Rydberg polaritons. Physical Review A, 2012, 86, .	2.5	21
964	Readout spectroscopy of an atomic memory. Physical Review A, 2012, 86, .	2.5	5
965	Dynamics of two-photon paired superradiance. Physical Review A, 2012, 86, .	2.5	31
966	Controllable enhanced dragging of light in ultradispersive media. Physical Review A, 2012, 86, .	2.5	27
967	Distinguishing coherent atomic processes using wave mixing. Physical Review A, 2012, 85, .	2.5	3
968	Nonlinear magneto-optic and self-polarization rotation by superposition of states. Physical Review A, 2012, 85, .	2.5	5
969	Thermometry of ultracold atoms by electromagnetically induced transparency. Physical Review A, 2012, 85, .	2.5	17
970	Subnatural linewidths in two-photon excited-state spectroscopy. Physical Review A, 2012, 85, .	2.5	23
971	Scalable continuous-variable entanglement of optical fields via concurrent interactions with separated atomic ensembles. Physical Review A, 2012, 85, .	2.5	2
972	Sine-Gordon and Bose-Hubbard dynamics with photons in a hollow-core fiber. Physical Review A, 2012, 85, .	2.5	9
973	Visualization of superposition states and Raman processes with two-dimensional atomic deflection. Physical Review A, 2012, 85, .	2.5	3
974	Generation of correlated and anticorrelated multiple fields via atomic spin coherence. Physical Review A, 2012, 85, .	2.5	23
975	Quantitative analysis of the transient response of the refractive index to conditions of electromagnetically induced transparency. Physical Review A, 2012, 85, .	2.5	13
976	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> <mml:mrow><mml:mi>J</mml:mi><mml:mo>â^¼</mml:mo><mml:mn>100</mml:mn>in K<mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"><mml:msub><mml:mrow></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:math>molecules</mml:mrow>	mrow> <td>nml;math>obs 6</td>	nml;math>obs 6
977	Physical Review A, 2012, 85, . Photoabsorption of attosecond XUV light pulses by two strongly laser-coupled autoionizing states. Physical Review A, 2012, 85, .	2.5	33
978	Superemitters in hybrid photonic systems: A simple lumping rule for the local density of optical states and its breakdown at the unitary limit. Physical Review B, 2012, 86, .	3.2	31

#	Article	IF	CITATIONS
979	Coherent Frequency Conversion in a Superconducting Artificial Atom with Two Internal Degrees of Freedom. Physical Review Letters, 2012, 108, 107001.	7.8	13
980	Polarization dependence of Electromagnetic Induced Transparency in multilevel cascade system. , 2012, , .		1
981	Hybrid model for Rydberg gases including exact two-body correlations. Physical Review A, 2012, 86, .	2.5	26
982	Quantum teleportation between remote atomic-ensemble quantum memories. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20347-20351.	7.1	85
983	ELECTROMAGNETICALLY INDUCED QUANTUM LATTICE SOLITON. Journal of Nonlinear Optical Physics and Materials, 2012, 21, 1250011.	1.8	4
984	Resonant enhancement of a single attosecond pulse in a gas medium by a time-delayed control field. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 201002.	1.5	8
985	Coulomb Broadening of Resonance Induced by Standing Wave. Journal of Physics: Conference Series, 2012, 397, 012004.	0.4	0
986	Quantum superposition principle and generation of short optical pulses. Journal of Physics: Conference Series, 2012, 350, 012006.	0.4	0
987	Plasmon induced transparency in cascaded Ï \in -shaped structures. Proceedings of SPIE, 2012, , .	0.8	0
988	Coupled-resonator-based metamaterials. IEICE Electronics Express, 2012, 9, 51-64.	0.8	2
989	Pure dephasing in a superconducting three-level system. Journal of Physics: Conference Series, 2012, 400, 042039.	0.4	5
990	Creation of coherent superpositions between metastable atomic states in Doppler-broadened media. Journal of Physics: Conference Series, 2012, 350, 012002.	0.4	0
991	Metamaterial analogue of electromagnetically induced transparency. , 2012, , .		2
992	Pulse propagation in a medium of < mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < mml:mi>ĵ> / mml:mi> / /mml:math> - type atoms. Physical Review A, 2012, 86, . Rephasing of optically driven atomic coherences by rapid adiabatic passage in Pr <mml:math< td=""><td>2.5</td><td>5</td></mml:math<>	2.5	5
993	xmins:mml="http://www.w3.org/1998/Math/MathML" display="inline"> <mml:msup><mml:mrow /><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:mrow </mml:msup> :Y <mml:n xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"></mml:mrow xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"></mml:mrow xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"></mml:mrow xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"></mml:mrow xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"></mml:mrow xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"></mml:mrow xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"></mml:mrow xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">http://www.w3.org/1998/Math/MathML" display="inline">http://www.w3.org/1998/Math/Math/Math/Math/Math/Math/Math/Math</mml:mrow </mml:mrow </mml:mrow </mml:mrow </mml:mrow </mml:mrow </mml:n 	nath 2.5	13
994	xmins:mmi="http://www.w3.org/1998/Math/MathML" display="inline"> <mml:msub><mml:mrow /> <mml: Conversion of bright magneto-optical resonances into dark resonances at fixed laser frequency forD2excitation of atomic rubidium. Physical Review A, 2012, 85, .</mml: </mml:mrow </mml:msub>	2.5	18
995	Multiplexed image storage by electromagnetically induced transparency in a solid. Physical Review A, 2012, 86, .	2.5	9
996	Transparency and slow light in a four-level quantum system near a plasmonic nanostructure. Physical Review A, 2012, 86, .	2.5	70

		CITATION REPORT		
#	Article		IF	CITATIONS
997	Dipolar Bose-Einstein condensate of dark-state polaritons. Physical Review A, 2012, 86	, .	2.5	3
998	Electromagnetically induced transparency in a ĥ-type molecular system with permaner revisited. Journal of Chemical Physics, 2012, 137, 104309.	t dipole moments	3.0	6
999	Bose-Einstein condensate as a quantum memory for a photonic polarization qubit. Phy 2012, 85, .	sical Review A,	2.5	42
1000	Narrowband photon pair generation and waveform reshaping. Frontiers of Physics, 202	12, 7, 494-503.	5.0	6
1001	Dynamic control of retrieval contrast in a \hat{b} -type atomic system. Chinese Physics B, 20	12, 21, 054209.	1.4	3
1002	Generation and storage of double slow light pulses in a solid. Chinese Physics B, 2012,	21, 024205.	1.4	1
1003	Nonlinear pulse propagation phenomena in ion-doped dielectric crystals. Physical Revie	2w A, 2012, 85, .	2.5	3
1004	Coherent Logic Gate for Light Pulses Based on Storage in a Bose-Einstein Condensate. Letters, 2012, 109, 263602.	Physical Review	7.8	14
1005	Coherent Control of Microwave Pulse Storage in Superconducting Circuits. Physical Re 2012, 109, 253603.	view Letters,	7.8	42
1006	Maximal Refraction and Superluminal Propagation in a Gaseous Nanolayer. Physical Re 2012, 109, 233001.	view Letters,	7.8	59
1007	Observation and Measurement of Interaction-Induced Dispersive Optical Nonlinearities of Cold Rydberg Atoms. Physical Review Letters, 2012, 109, 233602.	; in an Ensemble	7.8	125
1008	(3+1)-dimensional superluminal spatiotemporal optical solitons and vortices at weak li Physical Review A, 2012, 86, .	ght level.	2.5	5
1009	Stimulated Raman adiabatic passage via bright state in $\hat{\bf b}$ medium of unequal oscillator European Physical Journal D, 2012, 66, 1.	strengths.	1.3	6
1010	Narrow-band N-resonance formed in thin rubidium atomic layers. Journal of Experiment Theoretical Physics, 2012, 115, 769-776.	cal and	0.9	7
1011	A study of dark resonance splitting for the D 1 line of 87Rb in strong magnetic fields. C Spectroscopy (English Translation of Optika I Spektroskopiya), 2012, 113, 456-462.	Optics and	0.6	6
1012	Splitting of the electromagnetically induced transparency resonance on 85Rb atoms ir magnetic fields up to the Paschen-Back regime. JETP Letters, 2012, 96, 303-307.	strong	1.4	21
1013	Photonic properties of one-dimensionally-ordered cold atomic vapors under conditions electromagnetically induced transparency. Physical Review A, 2012, 86, .	of	2.5	36
1014	Coherently slowing light with a coupled optomechanical crystal array. Europhysics Lett 44005.	ters, 2012, 99,	2.0	3

#	Article	IF	CITATIONS
1015	High refractive index without absorption in a rare-earth-ion-doped optical fiber. Applied Physics A: Materials Science and Processing, 2012, 109, 725-729.	2.3	21
1016	Quantum surface plasmon resonance system based on electromagnetically induced transparency. Applied Physics A: Materials Science and Processing, 2012, 109, 797-803.	2.3	7
1017	Efficient two-dimensional atom localization via spontaneous emission in a single decay channel. Applied Physics B: Lasers and Optics, 2012, 108, 479-486.	2.2	17
1018	Quantum Dynamics of a Harmonic Oscillator in a Defomed Bath in the Presence of Lamb Shift. International Journal of Theoretical Physics, 2012, 51, 3052-3061.	1.2	2
1019	N-type resonances in a buffered micrometric Rb cell: splitting in a strong magnetic field. Optics Letters, 2012, 37, 4871.	3.3	16
1020	Plasmon-induced transparency in terahertz metamaterials. , 2012, , .		0
1021	Signature of a Fano Resonance in a Plasmonic Metamolecule's Local Density of Optical States. Physical Review Letters, 2012, 108, 077404.	7.8	97
1022	Microwave electrometry with Rydberg atoms in a vapour cell using bright atomic resonances. Nature Physics, 2012, 8, 819-824.	16.7	475
1023	Tunneling-induced high gain and narrow linewidth of a cavity with an asymmetric quantum-well system. Journal of Modern Optics, 2012, 59, 729-733.	1.3	2
1024	Tunneling induced transparency and slow light in quantum dot molecules. Physical Review B, 2012, 85, .	3.2	119
1025	Stern-Gerlach effect of weak-light ultraslow vector solitons. Physical Review A, 2012, 86, .	2.5	28
1026	The connection between electromagnetically induced transparency in the Zeeman configuration and slow light in hot rubidium vapor. Physica Scripta, 2012, T149, 014009.	2.5	1
1027	Multimode circuit optomechanics near the quantum limit. Nature Communications, 2012, 3, 987.	12.8	193
1028	An electromagnetically induced transparency metamaterial with polarization insensitivity based on multi-quasi-dark modes. Journal Physics D: Applied Physics, 2012, 45, 445105.	2.8	33
1029	Controllable vacuum Rabi splitting and optical bistability of multi-wave-mixing signal inside a ring cavity. Physical Review A, 2012, 86, .	2.5	35
1030	Enhanced all-optical switching with double slow light pulses. Physical Review A, 2012, 86, .	2.5	8
1031	Magnetically induced separation and enhancement of optical precursors via electromagnetically induced transparency. European Physical Journal D, 2012, 66, 1.	1.3	4
1032	Optical trapping with modified exponential decay in optical waveguides via dressed continuum. Journal of Modern Optics, 2012, 59, 226-234.	1.3	7

#	Article	IF	CITATIONS
1033	Quantum Master Equation Study of Electromagnetically Induced Transparency in Dipole-Coupled Dimer Models. Progress in Theoretical Chemistry and Physics, 2012, , 109-120.	0.2	0
1034	Intertwining Electron Tunneling with Light. Science, 2012, 336, 679-680.	12.6	5
1035	Creating multimode squeezed states and Greenberger-Horne-Zeilinger entangled states using atomic coherent effects. Physical Review A, 2012, 85, .	2.5	17
1036	Double Lorentzian atomic prism. Physical Review A, 2012, 86, .	2.5	12
1037	Electromagnetically induced transparency from electron spin coherences in semiconductor quantum wells [Invited]. Journal of the Optical Society of America B: Optical Physics, 2012, 29, A6.	2.1	20
1038	Inhibition and enhancement of two-photon absorption in a four-level inverted-Y semiconductor quantum well system. Physica E: Low-Dimensional Systems and Nanostructures, 2012, 44, 1267-1271.	2.7	13
1039	Coherent control of position-dependent probe absorption spectrum in a solid. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 2264-2269.	2.1	28
1040	Electromagnetically induced transparency in an inverted- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="sans-serif">Ysystem of interacting cold atoms. Physical Review A, 2012. 86</mml:mi </mml:math 	2.5	43
1041	Demonstration of a single-photon router with a cavity electromechanical system. Journal of Applied Physics, 2012, 112, 033113.	2.5	8
1042	Geometric manipulation of ensembles of atoms on an atom chip for quantum computation. Physical Review A, 2012, 86, .	2.5	10
1043	Switching and Counting With Atomic Vapors in Photonic-Crystal Fibers. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 1747-1753.	2.9	9
1044	Transmittance signal in real ladder-type atoms. Physical Review A, 2012, 85, .	2.5	33
1045	Gain of the spin wave stored in a four-level atomic system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 015506.	1.5	0
1046	Storage and Retrieval of a Weak Optical Signal Improved by Spontaneously Generated Coherence in an Atomic Assemble. Communications in Theoretical Physics, 2012, 57, 463-467.	2.5	2
1047	Quantum Plasmonic Circuits. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 1781-1791.	2.9	78
1048	Measuring the Stokes parameters for light transmitted by a high-density rubidium vapour in large magnetic fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 055001.	1.5	20
1049	Coherent population trapping in quantum cascade photodetector as a new method for terahertz detection. Optik, 2012, 123, 1650-1653.	2.9	0
1050	Numerical simulation of optical nutations and a precursor pulse in electromagnetically induced transparency. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2012, 113, 417-424.	0.6	3

		CITATION R	REPORT	
#	Article		IF	CITATIONS
1051	Dynamics of a tri-beam laser interacting with a three-level atom. Laser Physics, 2012, 22	, 1803-1807.	1.2	5
1052	Electromagnetically controlled storage and retrieval for pulses propagating through a lir atoms. , 2012, , .	e of		0
1053	An Approach to Configure Low-Loss and Full Transmission Metamaterial Based on Electr Induced Transparency. IEEE Transactions on Magnetics, 2012, 48, 4285-4288.	omagnetically	2.1	25
1054	Gain and Absorption of a Probe Light in an Open Tripod Atomic System. Chinese Physics 29, 054207.	Letters, 2012,	3.3	4
1055	Effect of a dark state on the entanglement of the two-mode field from a laser-driven ĥ-ty Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 165501.	'pe atom.	1.5	2
1056	All-cavity electromagnetically induced transparency and optical switching: Semiclassical Physical Review A, 2012, 85, .	theory.	2.5	28
1057	Contrasts of electromagnetically-induced transparency in unperturbed and perturbed co 87Rb. Journal of the Korean Physical Society, 2012, 61, 1232-1236.	ld atoms of	0.7	0
1058	Ultracold Molecules Formed by Photoassociation: Heteronuclear Dimers, Inelastic Collisi Interactions with Ultrashort Laser Pulses. Chemical Reviews, 2012, 112, 4890-4927.	ons, and	47.7	111
1059	Femtosecond transparency in the extreme-ultraviolet region. Physical Review A, 2012, 8	5,.	2.5	33
1060	Non-Markovian and Markovian Dynamics of a V-type Three-Level Atom. Communications Physics, 2012, 57, 276-280.	in Theoretical	2.5	3
1061	Generation of multipartite continuous-variable entanglement via atomic spin wave. Phys 2012, 85, .	ical Review A,	2.5	24
1062	Polarization-insensitive and wide-angle plasmonically induced transparency by planar me Applied Physics Letters, 2012, 101, .	tamaterials.	3.3	66
1063	Three-dimensional atom localization in a five-level M-type atomic system. Journal of Mod 2012, 59, 1092-1099.	ern Optics,	1.3	45
1064	Electromagnetic induced transparency in the Doppler broadened cascade transition with excited levels. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 18	n multiple 5501.	1.5	28
1065	All-optical switching in a photonic crystal with a defect containing anN-type four-level at system. Physical Review A, 2012, 86, .	omic	2.5	7
1066	A cell in a computer. Nature, 2012, 488, 40-41.		27.8	5
1067	Polarization properties of the $\hat{a} \in \hat{c}$ photon pistol $\hat{a} \in \hat{c}$ Optics Communications, 2012, 285,	4457-4461.	2.1	1
1068	Phase coherence and Rabi frequency induced ultranarrow spectral line. Physics Letters, S General, Atomic and Solid State Physics, 2012, 376, 3439-3444.	Section A:	2.1	4

#	Article	IF	CITATIONS
1069	Bloch oscillations of quasispin polaritons in a magneto-optically controlled atomic ensemble. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 2935-2939.	2.1	0
1070	Quantum Teleportation between Two Distant Bose—Einstein Condensates. Chinese Physics Letters, 2012, 29, 060303.	3.3	4
1071	Engineered Open Systems and Quantum Simulations with Atoms and Ions. Advances in Atomic, Molecular and Optical Physics, 2012, , 1-80.	2.3	219
1072	Analytical solutions of the susceptibility for Doppler-broadened three-level atomic systems. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 245002.	1.5	3
1073	Strong-field adiabatic passage in the continuum: Electromagnetically induced transparency and stimulated Raman adiabatic passage. Physical Review A, 2012, 85, .	2.5	4
1074	Quadripartite cluster and Greenberger–Horne–Zeilinger entangled light via cascade interactions with separated atomic ensembles. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 135503.	1.5	3
1076	Proposed Coherent Trapping of a Population of Electrons in a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi mathvariant="bold">C<mml:mn>60</mml:mn></mml:mi </mml:msub>Molecule Induced by Laser Excitation. Physical Review Letters, 2012, 109, 257401.</mml:math 	7.8	12
1077	Phase control of absorption, dispersion and gain of weak signal field in erbium doped optical fiber. Journal of Optics (India), 2012, 41, 235-242.	1.7	1
1078	THE PHOTON-LIKE FLYING QUBIT IN THE COUPLED CAVITY ARRAY. International Journal of Quantum Information, 2012, 10, 1250002.	1.1	0
1079	Study of the splitting of electromagnetically induced transparency resonance in strong magnetic field using Rb nano-thin cell. Journal of Physics: Conference Series, 2012, 350, 012008.	0.4	1
1080	Subluminal and superluminal pulse propagation influenced by strong nonlinear effects. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 235401.	1.5	3
1081	Nonlinear modes and symmetry breaking in rotating double-well potentials. Physical Review A, 2012, 86,	2.5	35
1082	Dipole-dipole interaction between a quantum dot and a graphene nanodisk. Physical Review B, 2012, 86,	3.2	92
1083	Analysis of light scattering off photonic crystal slabs in terms of Feshbach resonances. European Physical Journal D, 2012, 66, 1.	1.3	5
1084	Continuous-mode effects and photon-photon phase gate performance. Physical Review A, 2012, 85, .	2.5	57
1085	Quantum Systems in Chemistry and Physics. Progress in Theoretical Chemistry and Physics, 2012, , .	0.2	6
1086	Spin-based Optomechanics with Carbon Nanotubes. Scientific Reports, 2012, 2, 903.	3.3	14
1087	Coherent Two-Electron Spin Qubits in an Optically Active Pair of Coupled InGaAs Quantum Dots. Physical Review Letters, 2012, 109, 107401.	7.8	89

	CHAIION	REPORT	
#	Article	IF	CITATIONS
1088	Formation of stationary light in a medium of nonstationary atoms. Physical Review A, 2012, 85, .	2.5	17
1089	Electromagnetically Induced Transparency and Absorption in Metamaterials: The Radiating Two-Oscillator Model and Its Experimental Confirmation. Physical Review Letters, 2012, 109, 187401.	7.8	298
1090	Light-Emitting Waveguide-Plasmon Polaritons. Physical Review Letters, 2012, 109, 166803.	7.8	77
1091	Strongly interacting photons. Nature, 2012, 488, 39-40.	27.8	7
1092	Photonic two-qubit parity gate with tiny cross–Kerr nonlinearity. Physical Review A, 2012, 85, .	2.5	49
1093	Using Interference for High Fidelity Quantum State Transfer in Optomechanics. Physical Review Letters, 2012, 108, 153603.	7.8	376
1094	Dynamic All Optical Slow Light Tunability by Using Nonlinear One Dimensional Coupled Cavity Waveguides. , 0, , .		0
1095	Studies of the hole spin in self-assembled quantum dots using optical techniques. , 2012, , 63-85.		2
1096	Quantenoptik mit RĶntgenlicht: Eisen wird transparent. Physik in Unserer Zeit, 2012, 43, 112-113.	0.0	0
1097	Multiphoton entanglement and interferometry. Reviews of Modern Physics, 2012, 84, 777-838.	45.6	1,007
1098	Room for Just One Photon. Science, 2012, 336, 812-813.	12.6	2
1099	Quantum Rabi Model for <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"><mml:mi>N</mml:mi></mml:math> -State Atoms. Physical Review Letters, 2012, 108, 180401.	7.8	41
1100	Classical Analog of Electromagnetically Induced Absorption in Plasmonics. Nano Letters, 2012, 12, 1367-1371.	9.1	235
1101	Time-local quantum-state-diffusion equation for multilevel quantum systems. Physical Review A, 2012, 85, .	2.5	31
1102	Generation of a pilot phase pulse during the propagation of slow elliptically polarized pulses in a medium under coherent population trapping. JETP Letters, 2012, 95, 444-448.	1.4	0
1103	Atomic interface between microwave and optical photons. Physical Review A, 2012, 85, .	2.5	90
1104	Quantum nonlinear optics with single photons enabled by strongly interacting atoms. Nature, 2012, 488, 57-60.	27.8	679
1105	Variable group delay in a metamaterial with field-gradient-induced transparency. Physical Review B, 2012, 85, .	3.2	33

# 1106	ARTICLE Controlling light-with-light without nonlinearity. Light: Science and Applications, 2012, 1, e18-e18.	IF 16.6	Citations
1107	Electromagnetically induced transparency with resonant nuclei in a cavity. Nature, 2012, 482, 199-203.	27.8	174
1108	Electromagnetically induced transparencyâ€based slow and stored light in warm atoms. Laser and Photonics Reviews, 2012, 6, 333-353.	8.7	258
1109	Method of quasienergies and transparency of multilevel atomic systems. Journal of Physics: Conference Series, 2012, 350, 012005.	0.4	0
1110	Fano interference in classical oscillators. European Journal of Physics, 2012, 33, 863-871.	0.6	30
1111	Observation of dressed intracavity dark states. Physical Review A, 2012, 85, .	2.5	14
1112	Optical quantum swapping in a coherent atomic medium. Europhysics Letters, 2012, 97, 34010.	2.0	0
1113	Demonstration of the Interaction between Two Stopped Light Pulses. Physical Review Letters, 2012, 108, 173603.	7.8	63
1114	Entanglement creation with negative index metamaterials. Physical Review A, 2012, 85, .	2.5	39
1115	Electromagnetically induced transparency spectroscopy. Journal of Chemical Physics, 2012, 136, 064201.	3.0	9
1116	Transmission of an isolated attosecond pulse in a strong-field dressed atom. Physical Review A, 2012, 85, .	2.5	50
1117	Plasmonic analog of electromagnetically induced transparency in multi-nanoresonator-coupled waveguide systems. Physical Review A, 2012, 85, .	2.5	297
1118	Generation of Fock states and qubits in periodically pulsed nonlinear oscillators. Physical Review A, 2012, 85, .	2.5	42
1119	Two-component solitons with a spatially modulated linear coupling: Inverted photonic crystals and fused couplers. Physical Review A, 2012, 85, .	2.5	32
1120	Efficient and long-lived quantum memory with cold atoms inside a ring cavity. Nature Physics, 2012, 8, 517-521.	16.7	170
1121	Entanglement Swapping for Distant Bose-Einstein Condensates. International Journal of Theoretical Physics, 2012, 51, 2954-2959.	1.2	2
1122	Atom localization via controlled spontaneous emission in a five-level atomic system. Annals of Physics, 2012, 327, 1132-1145.	2.8	61
1123	Classical interaction of the electromagnetic radiation with two-level polarizable matter. Optik, 2012, 123, 193-196.	2.9	0

#	Article		CITATIONS
1124	Negative refraction with low absorption using EIT in a four-level left-handed atomic system. Optik, 2012, 123, 1063-1066.	2.9	7
1125	Gain and transmission properties of a probe field in a four-level atomic system. Optik, 2012, 123, 1240-1244.	2.9	2
1126	Bragg-matching characterization of atomic coherence gratings in an electromagnetically induced transparency solid with a confocal scheme. Optics Communications, 2012, 285, 277-280.	2.1	3
1127	Optomechanical dynamics in detuned whispering-gallery modes cavity. Optics Communications, 2012, 285, 673-679.	2.1	1
1128	Controlling the propagation of broadband light pulses by Electromagnetically Induced Transparency. Optics Communications, 2012, 285, 1185-1189.	2.1	6
1129	Enhancement of coherent population transfer in a double ĥ-type four-level system via a train of pulse pairs. Optics Communications, 2012, 285, 2101-2105.	2.1	6
1130	Electromagnetically Induced Transparency and optical pumping processes formed in Cs sub-micron thin cell. Optics Communications, 2012, 285, 2090-2095.	2.1	15
1131	Light storage in a tripod medium as a basis for logical operations. Optics Communications, 2012, 285, 2392-2396.	2.1	14
1132	Optical delay with spectral hole burning in Doppler-broadened cesium vapor. Optics Communications, 2012, 285, 3264-3268.		5
1133	Coexisting four-wave mixing and six-wave mixing in three-level atomic system. Optics Communications, 2012, 285, 3627-3630.	2.1	5
1134	Electromagnetically induced grating in an atomic system with a static magnetic field. Optics Communications, 2012, 285, 3792-3797.	2.1	18
1135	Controllable optical bistability and multistability in a rare-earth-ion-doped optical fiber. Superlattices and Microstructures, 2012, 51, 324-331.	3.1	27
1136	EIT based tunable metal composite spherical nanoparticles. Photonics and Nanostructures - Fundamentals and Applications, 2012, 10, 102-111.	2.0	7
1137	Efficient generation and control of robust stationary light signals in a double-ĥ system of cold atoms. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 656-661.	2.1	18
1138	Light storage via slow-light four-wave mixing. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 785-787.	2.1	2
1139	Principles of controlling a single-photon radiation state using optically thick resonant media. Bulletin of the Russian Academy of Sciences: Physics, 2012, 76, 248-251.	0.6	4
1140	Use of sub-Doppler optical resonances for measurement of weak magnetic fields by means of extremely thin rubidium vapor cell. Journal of Contemporary Physics, 2012, 47, 64-72.	0.6	4
1141	Study of radiofrequency radiation by means of optical effect of electromagnetically induced transparency. Journal of Contemporary Physics, 2012, 47, 161-167.	0.6	0

#	Article		CITATIONS
1142	The influence of collective effects on the propagation of electromagnetic radiation in dense ultracold atomic ensembles. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2012, 112, 401-409.		13
1143	Polarization response of interacting atomic systems in an intense resonance laser field. Journal of Experimental and Theoretical Physics, 2012, 114, 768-781.	0.9	0
1144	All-optical routing and space demultiplexer via four-wave mixing spatial splitting. Applied Physics B: Lasers and Optics, 2012, 106, 365-371.	2.2	8
1145	Cooperative emission from nuclei: The collective Lamb shift and electromagnetically induced transparency. Fortschritte Der Physik, 2013, 61, 360-376.	4.4	15
1146	Conditional phase shift for quantum CCNOT operation. Quantum Information Processing, 2013, 12, 1417-1428.	2.2	2
1147	Slow-light Airy wave packets and their active control via electromagnetically induced transparency. Physical Review A, 2013, 88, .	2.5	13
1148	<i>Colloquium</i> : Coherent diffusion of polaritons in atomic media. Reviews of Modern Physics, 2013, 85, 941-960.	45.6	42
1149	Stopped Light and Image Storage by Electromagnetically Induced Transparency up to the Regime of One Minute. Physical Review Letters, 2013, 111, 033601.	7.8	355
1150	Multicharged optical vortices induced in a dissipative atomic vapor system. Physical Review A, 2013, 88, .	2.5	13
1151	Transfer of orbital angular momentum of light using two-component slow light. Physical Review A, 2013, 87, .	2.5	61
1152	Tunable slow light in a quadratically coupled optomechanical system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 025501.	1.5	39
1153	Enhanced slow light in superconducting electromagnetically induced transparency metamaterials. Superconductor Science and Technology, 2013, 26, 074004.	3.5	24
1154	Optical cloning of arbitrary images beyond the diffraction limits. Physical Review A, 2013, 88, .	2.5	22
1155	Analog to electromagnetically induced transparency and Autler-Townes effect demonstrated with photoinduced coupled waveguides. Physical Review A, 2013, 88, .	2.5	16
1156	Multi-mode cross-Kerr interaction and three-qubit all-optical logic gates in a triple electromagnetically induced transparency system. European Physical Journal D, 2013, 67, 1.	1.3	1
1157	Theory of electromagnetically induced transparency in strongly correlated quantum gases. Physical Review A, 2013, 87, .	2.5	17
1158	Influence of multiple excited states on optical properties of an -type Doppler-broadened system for the D2 line of alkali atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 125501.	1.5	12
1159	Nonlinear propagation of polarized light pulses in a medium of atoms with degenerate energy levels: Adiabatic approach. Physical Review A, 2013, 88, .	2.5	9

#	Article		CITATIONS
1160	Spatial dependence of moving three-level atoms interacting with a three-laser beam. Canadian Journal of Physics, 2013, 91, 1068-1073.	1.1	6
1161	Polarization-dependent manipulation of optical properties in a tripod system. Physical Review A, 2013, 88, .	2.5	7
1162	Influence of a laser beam radial intensity distribution on Zeeman electromagnetically induced transparency line-shapes in the vacuum Rb cell. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 175501.	1.5	3
1163	Perfect distribution of four-photon entangled states over an arbitrary collective noise channel by spatial degree of freedom. Optics Communications, 2013, 308, 304-308.	2.1	10
1164	Coherent control of two-dimensional probe absorption in semiconductor quantum wells. Applied Physics A: Materials Science and Processing, 2013, 112, 443-449.	2.3	16
1165	Manipulation of light in MIM plasmonic waveguide systems. Science Bulletin, 2013, 58, 3607-3616.	1.7	48
1166	Coherent-population-trapping resonances in buffer-gas-filled Cs-vapor cells with push-pull optical pumping. Physical Review A, 2013, 87, .	2.5	58
1167	Electromagnetic diode based on nonlinear electromagnetically induced transparency in metamaterials. Applied Physics Letters, 2013, 103, .		58
1168	Tunable Fano resonance in symmetric multilayered gold nanoshells. Nanoscale, 2013, 5, 209-216.		63
1169	Faithful Solid State Optical Memory with Dynamically Decoupled Spin Wave Storage. Physical Review Letters, 2013, 111, 020503.	7.8	44
1170	Dark Entangled Steady States of Interacting Rydberg Atoms. Physical Review Letters, 2013, 111, 033606.	7.8	103
1171	Dynamics of the reading process of a quantum memory. New Journal of Physics, 2013, 15, 075030.	2.9	12
1172	2D probe absorption via spatial-dependent quantum interference in a triple semiconductor quantum well. Superlattices and Microstructures, 2013, 63, 197-203.	3.1	0
1173	Role of strongly modulated coherence in transient evolution dynamics of probe absorption in a three-level atomic system. Optics Communications, 2013, 309, 95-102.	2.1	2
1174	Narrowing of resonances in electromagnetically induced transparency and absorption using a Laguerre–Gaussian control beam. Optics Communications, 2013, 295, 150-154.	2.1	21
1175	Capturing Ultrafast Quantum Dynamics with Femtosecond and Attosecond X-ray Core-Level Absorption Spectroscopy. Journal of Physical Chemistry Letters, 2013, 4, 292-302.	4.6	57
1176	Exploiting the coupling between a Rydberg atom and a surface phonon polariton for single-photon subtraction. Physical Review A, 2013, 88, .	2.5	7
1177	Free-space read-out and control of single-ion dispersion using quantum interference. Physical Review A, 2013, 88, .	2.5	7

	CITATION	n Report	
#	Article	IF	CITATIONS
1178	All-Optical Switch and Transistor Gated by One Stored Photon. Science, 2013, 341, 768-770.	12.6	273
1179	Observing the Dynamics of Dipole-Mediated Energy Transport by Interaction-Enhanced Imaging. Science, 2013, 342, 954-956.	12.6	187
1180	Excitation of trapped modes from a metasurface composed of only Z-shaped meta-atoms. Applied Physics Letters, 2013, 103, .	3.3	16
1181	Selective C-H Fluorination of Pyridines and Diazines Inspired by a Classic Amination Reaction. Science, 2013, 342, 956-960.	12.6	220
1182	Enhanced index of refraction in four-wave-mixing media. Physical Review A, 2013, 88, .	2.5	7
1183	Dispersive optical nonlinearities in a Rydberg electromagnetically-induced-transparency medium. Physical Review A, 2013, 88, .	2.5	39
1184	Quantum interference and control of the optical response in quantum dot molecules. Applied Physics Letters, 2013, 103, .	3.3	29
1185	Experimental demonstration of composite adiabatic passage. Physical Review A, 2013, 88, .		37
1186	Plasmonic-Induced Transparency in Metal–Dielectric–Metal Waveguide Bends. Applied Physics Express, 2013, 6, 082201.		9
1187	X-ray quantum optics. Journal of Modern Optics, 2013, 60, 2-21.		120
1188	Dark-states in multi-mode multi-atom Jaynes–Cummings systems. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 224008.	1.5	14
1189	Method for preparing two-atom entangled states in circuit QED and probing it via quantum nondemolition measurements. Physical Review A, 2013, 88, .	2.5	10
1190	All-optical transistor using a photonic-crystal cavity with an active Raman gain medium. Physical Review A, 2013, 88, .	2.5	17
1191	Dynamically tunable plasmonically induced transparency in periodically patterned graphene nanostrips. Applied Physics Letters, 2013, 103, 203112.	3.3	249
1192	Generation of a two-mode squeezed vacuum field in forward four-wave-mixing process in an ensemble oflُ•atoms. Physical Review A, 2013, 87, .	2.5	8
1193	Laser phase fluctuations in a four-level atomic system in N-configuration. European Physical Journal D, 2013, 67, 1.	1.3	0
1194	Electrodynamics of semiconductor-coated noble metal nanoshells. Physical Review A, 2013, 87, .	2.5	13
1195	Quantum-interference-enhanced deep sub-Doppler cooling of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> <mml:msup> <mml:mrow /> <mml:mn> 39 </mml:mn> </mml:mrow </mml:msup> K atoms in gray molasses. Physical Review A, 2013, 88</mml:math 	, 2.5	37

		REFORT	
#	ARTICLE Prospective applications of optical quantum memories, Journal of Modern Optics, 2013, 60, 1519-1537	IF 13	Citations
1107	Third-harmonic generation in resonant-metamaterial-based photonic-band-gap materials. Physical	1.0	210
1197	Review A, 2013, 88, . Coherent control of narrow structures in absorption, transparency and dispersion by interference induced among the Rabi-split resonances. Physics Letters, Section A: General, Atomic and Solid State	2.3	5
1199	Precision Doppler measurements with steep dispersion. Optics Letters, 2013, 38, 3107.	3.3	16
1200	Polarization spectroscopy for the 85Rb D1 line in a strong pump field. Journal of the Korean Physical Society, 2013, 63, 896-899.	0.7	2
1201	Generation of nonclassical narrowband photon pairs from a cold rubidium cloud. Journal of the Korean Physical Society, 2013, 63, 943-950.	0.7	6
1202	Plasmon-induced transparency in terahertz metamaterials. Science China Information Sciences, 2013, 56, 1-18.	4.3	17
1203	Localisation near defects and filtering of flexural waves in structured plates. International Journal of Fracture, 2013, 184, 25-41.	2.2	3
1204	C-NOT gate based on ultracold Rydberg atom interactions. Science China: Physics, Mechanics and Astronomy, 2013, 56, 2134-2137.	5.1	3
1205	Advancements in Silicon Photonics. SpringerBriefs in Materials, 2013, , 33-52.	0.3	0
1207	Parametrically driven nonlinear oscillator at a few-photon level. Journal of Modern Optics, 2013, 60, 860-868.	1.3	13
1208	Subwavelength Atom Localization. Progress in Optics, 2013, 58, 199-250.	0.6	5
1209	Dark-state polaritons in a degenerate two-level system. Laser Physics, 2013, 23, 105202.	1.2	2
1210	Cavity-enhanced storage—preparing for high-efficiency quantum memories. New Journal of Physics, 2013, 15, 035025.	2.9	20
1211	Attractive photons in a quantum nonlinear medium. Nature, 2013, 502, 71-75.	27.8	331
1212	Transfer and computation of optical topological charges via light pulse buffer memory in an electromagnetically-induced-transparency solid. Physical Review A, 2013, 88, .	2.5	9
1213	Tripartite entanglement via coherently enhanced six-wave mixing. Optics Communications, 2013, 293, 80-85.	2.1	0
1214	Metamaterial Transparency Induced by Cooperative Electromagnetic Interactions. Physical Review Letters, 2013, 111, 147401.	7.8	98

#	ARTICLE Entangler via electromagnetically induced transparency with an atomic ensemble. Scientific Reports,	IF 3.3	Citations
1216	Amplification of the intracavity dark-state field by a four-wave mixing process. Laser Physics Letters, 2013, 10, 055402.	1.4	12
1217	X-ray quantum optics with Mössbauer nuclei embedded in thin-film cavities. Physical Review A, 2013, 88,	2.5	44
1218	Stimulated adiabatic passage in a dissipative ensemble of atoms with strong Rydberg-state interactions. Physical Review A, 2013, 87, .	2.5	42
1219	Two-color lasing in cold atoms. Physical Review A, 2013, 88, .	2.5	9
1220	Coherent storage of ghost images in hot atomic vapor. , 2013, , .		0
1221	Dissipative Many-Body Quantum Optics in Rydberg Media. Physical Review Letters, 2013, 110, 153601.	7.8	82
1222	Controllable quantum correlations of two-photon states generated using classically driven three-level atoms. Annals of Physics, 2013, 331, 97-109.	2.8	11
1223	Theory and Modeling of Plasmonic Structures. Journal of Physical Chemistry C, 2013, 117, 1983-1994.	3.1	34
1224	Nondestructive Greenberger-Horne-Zeilinger-state analyzer. Quantum Information Processing, 2013, 12, 1065-1075.	2.2	23
1225	Investigation of atomic coherence in multilevel systems with embedded tunable dark state superposition. Optik, 2013, 124, 6539-6544.	2.9	0
1226	Enhanced index and negative dispersion without absorption in semiconductor quantum wells. Journal of Luminescence, 2013, 143, 605-610.	3.1	11
1227	Reversible optical memory for twisted photons. Optics Letters, 2013, 38, 712.	3.3	56
1228	NONLINEAR OPTICS USING COLD RYDBERG ATOMS. Annual Review of Cold Atoms and Molecules, 2013, , 301-350.	2.8	49
1229	Large refractive index without absorption via quantum interference in a semiconductor quantum well. Journal of Luminescence, 2013, 134, 272-276.	3.1	29
1230	Susceptibility for inhomogeneously broadened three-level atomic systems: Simple analytical solutions using Lorentzian distribution. Optics Communications, 2013, 309, 227-230.	2.1	0
1231	Analogy of plasmon induced transparency in detuned U-resonators coupling to MDM plasmonic waveguide. Solid State Communications, 2013, 174, 50-54.	1.9	22
1232	Polarization properties of â€~slow' light. Optics Communications, 2013, 309, 192-195.	2.1	1

#	Article	IF	Citations
1233	PIT-like effect in asymmetric and symmetric C-shaped metamaterials. Optical Materials, 2013, 35, 948-953.	3.6	14
1234	Coherent control of optical precursors in a warm atomic system with Doppler effects. Optik, 2013, 124, 5340-5343.	2.9	0
1235	Investigation of odd-order nonlinear susceptibilities in atomic vapors. Annals of Physics, 2013, 333, 307-322.	2.8	4
1236	A nearly deterministic scheme for generating χ-type entangled states with weak cross-Kerr nonlinearities. Quantum Information Processing, 2013, 12, 1787-1795.	2.2	36
1237	Normal and abnormal nonlinear electromagnetically induced transparency due to dipole blockade of Rydberg excitation. Physical Review A, 2013, 87, .	2.5	20
1238	Nonlinear Optics Quantum Computing with Circuit QED. Physical Review Letters, 2013, 110, 060503.	7.8	17
1239	Simultaneous observation ofN- and EIT- resonances in 40-micron thin cell filled with Rb and buffer gas. , 2013, , .		0
1240	Temperature and magnetic field effects on the coherent and saturating resonances in ĥ- and V-type systems for the85Rb-D2transition. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 075002.	1.5	21
1241	Phase-controlled absorption-gain properties and optical switching in nanodiamond nitrogen-vacancy center. Applied Physics B: Lasers and Optics, 2013, 111, 65-73.	2.2	12
1242	Optical Abelian lattice gauge theories. Annals of Physics, 2013, 330, 160-191.	2.8	171
1243	Exploiting the Tunable Optical Response of Metallic Nanoshells. , 2013, , 99-149.		2
1244	Optical Diode Made from a Moving Photonic Crystal. Physical Review Letters, 2013, 110, 093901.	7.8	292
1245	Quantum fluids of light. Reviews of Modern Physics, 2013, 85, 299-366.	45.6	1,516
1246	Slowing, advancing and switching of microwave signals using circuit nanoelectromechanics. Nature Physics, 2013, 9, 179-184.	16.7	150
1247	Superluminal and ultraslow light propagation in optomechanical systems. Physical Review A, 2013, 87, .	2.5	55
1248	Role of geometry for strong coupling in active terahertz metamaterials. Physical Review B, 2013, 87, .	3.2	19
1249	Single Ion Coupled to an Optical Fiber Cavity. Physical Review Letters, 2013, 110, 043003.	7.8	99
1250	Storage and Control of Optical Photons Using Rydberg Polaritons. Physical Review Letters, 2013, 110, 103001.	7.8	237

#	Article	IF	Citations
1251	Optical echo holography. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2013, 114, 96-103.	0.6	31
1252	Entanglement detection and quantum metrology by Raman photon-diffraction imaging. Physical Review A, 2013, 87, .	2.5	7
1253	Tunable lossless slow and fast light in a four-level N-system. Proceedings of SPIE, 2013, , .	0.8	2
1254	Secular master equation for adiabatically driven time-dependent systems. Physical Review A, 2013, 87, .	2.5	7
1255	Refractive index enhancement without absorption in a quantum well system. Superlattices and Microstructures, 2013, 58, 53-59.	3.1	11
1256	Two-dimensional sub-half-wavelength atom localization via phase control of absorption and gain. Physical Review A, 2013, 87, .	2.5	74
1257	Effects of a laser beam profile on Zeeman electromagnetically induced transparency in the Rb buffer gas cell. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 075501.	1.5	11
1258	Classical analogs of double electromagnetically induced transparency. Optics Communications, 2013, 291, 253-258.	2.1	24
1259	Deterministic and cascadable conditional phase gate for photonic qubits. Physical Review A, 2013, 87, .	2.5	26
1260	Theoretical and experimental evidence of Fano-like resonances in simple monomode photonic circuits. Journal of Applied Physics, 2013, 113, .	2.5	39
1261	Control of beam propagation in optically written waveguides beyond the paraxial approximation. Physical Review A, 2013, 87, .	2.5	11
1262	Probing and Controlling Autoionization Dynamics of Atoms with Attosecond Light Pulses. Springer Series in Chemical Physics, 2013, , 111-134.	0.2	0
1263	Controllable optical bistability via tunneling induced transparency in quantum dot molecules. Optics Communications, 2013, 304, 7-10.	2.1	59
1264	Electromagnetically-Induced Transparency in Optomechanical Systems with Bose–Einstein Condensate. Journal of Russian Laser Research, 2013, 34, 159-165.	0.6	10
1265	Propagation of magnetically controllable lasers and magneto-optic dual switching using nitrogen-vacancy centers in diamond. Journal of Applied Physics, 2013, 113, .	2.5	15
1266	Photonic bandgap via nonlinear modulation assisted by spontaneously generated coherence. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 1416-1420.	2.1	4
1267	Probe absorption via two orthogonal standing-wave lasers in a semiconductor quantum well. Photonics and Nanostructures - Fundamentals and Applications, 2013, 11, 103-108.	2.0	25
1268	Two-Step Decomposition of Plasmon Coupling in Plasmonic Oligomers. Journal of Physical Chemistry C, 2013, 117, 11713-11717.	3.1	6

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#	Article		CITATIONS
1269	Systematical research on the plasmon-induced transparency in coupled plasmonic resonators. Optics Communications, 2013, 305, 17-22.	2.1	14
1270	Static and dynamic phase-dependence of dark resonances and its dispersion features in double tunneling-coupled quantum wells. Optics Communications, 2013, 305, 155-163.	2.1	6
1271	Numerical analysis of absorption–amplification response in an optical fiber. Optik, 2013, 124, 3856-3860.	2.9	2
1272	Hidden identity in a generic ĥ system: applications to coherent population trapping. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 035504.	1.5	3
1273	Light storage based on four-wave mixing and electromagnetically induced transparency in cold atoms. Physical Review A, 2013, 87, .	2.5	32
1274	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.	2.1	5
1275	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
1276	Nuclear spin polarization in a single quantum dot pumped by two laser beams. Physical Review B, 2013, 87, .	3.2	6
1277	Single spins in self-assembled quantum dots. Nature Materials, 2013, 12, 483-493.	27.5	277
1278	Optical Nonreciprocity of Cold Atom Bragg Mirrors in Motion. Physical Review Letters, 2013, 110, 223602.	7.8	84
1279	EIT analogs using orthogonally polarized modes of a single whispering-gallery microresonator. , 2013,		5
1280	Multipartite entanglement between atoms and fields via twofold phase-dependent electromagnetically induced transparency. Optics Communications, 2013, 306, 154-159.	2.1	1
1281	Field-programmable gate array based arbitrary signal generator and oscilloscope for use in slow light and storage of light experiments. Review of Scientific Instruments, 2013, 84, 063108.	1.3	2
1282	Tunnelingâ€induced transparency in a chaotic microcavity. Laser and Photonics Reviews, 2013, 7, L51.	8.7	46
1283	Double Plasmon-Induced Transparency in Hybrid Waveguide-Plasmon System and Its Application for Localized Plasmon Resonance Sensing with High Figure of Merit. Plasmonics, 2013, 8, 995-1001.	3.4	35
1284	Optomechanically dark state in hybrid BEC–optomechanical systems. Journal of Russian Laser Research, 2013, 34, 278-287.	0.6	11
1285	Tunneling-induced high-efficiency four-wave mixing in asymmetric quantum wells. Physical Review B, 2013, 87, .	3.2	41
1286	Wave Mixing in Dye-Doped Chiral Nematics. Molecular Crystals and Liquid Crystals, 2013, 573, 54-63.	0.9	0
#	Article	IF	CITATIONS
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1287	Ultraslow helical optical bullets and their acceleration in magneto-optically controlled coherent atomic media. Physical Review A, 2013, 87, .	2.5	1
1288	Optical bistability via dual electromagnetically induced transparency in a coupled quantum-well nanostructure. Journal of Applied Physics, 2013, 113, .	2.5	94
1289	Crossover from electromagnetically induced transparency to Autler-Townes splitting in open V-type molecular systems. Physical Review A, 2013, 87, .	2.5	37
1290	Optical bistability and multistability via both the coherent and incoherent fields in optical fibers. Superlattices and Microstructures, 2013, 60, 101-107.	3.1	0
1291	Spin polarization in a freely evolving sample of cold atoms. Applied Physics B: Lasers and Optics, 2013, 111, 527-535.	2.2	21
1292	Jaynes–Cummings theory out of the box. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 224005.	1.5	7
1293	PT symmetry via electromagnetically induced transparency. Optics Express, 2013, 21, 32053.	3.4	47
1294	Nonlinear coupling and squeezing in solid-state quantum circuits. Journal of Modern Optics, 2013, 60, 1800-1803.	1.3	0
1295	Coherent manipulation of quantum states in a coupled cavity-atom system. Journal of Physics: Conference Series, 2013, 414, 012001.	0.4	3
1296	Microresonator-based all-optical transistor. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 1329.	2.1	8
1297	Optomechanically Induced Transparency in the Nonlinear Quantum Regime. Physical Review Letters, 2013, 111, 133601.	7.8	182
1298	Quantum optical mouse to detect Coriolis force. Europhysics Letters, 2013, 103, 24001.	2.0	7
1299	Solving the Maxwell–Bloch equations for resonant nonlinear optics using GPUs. Computer Physics Communications, 2013, 184, 1203-1210.	7.5	15
1300	A View on Energy Transfer Between Cold Atoms. Science, 2013, 342, 942-943.	12.6	0
1301	Radiation damping optical enhancement in cold atoms. Light: Science and Applications, 2013, 2, e54-e54.	16.6	14
1302	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.	2.1	11
1303	Polarized linewidth-controllable double-trapping electromagnetically induced transparency spectra in a resonant plasmon nanocavity. Scientific Reports, 2013, 3, 2879.	3.3	43
1304	Slow and stored light pulses in the presence of magnetic fields. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 2123.	2.1	1

ARTICLE IF CITATIONS Quantum Fourier transform of polarization photons mediated by weak cross-Kerr nonlinearity. 1305 2.1 17 Journal of the Optical Society of America B: Optical Physics, 2013, 30, 2765. Tunable nonlinear parity–time-symmetric defect modes with an atomic cell. Optics Letters, 2013, 38, 3.3 24 4033. Highly efficient optical Fredkin gate with weak nonlinearities and classical information feed-forward. 1307 2.1 5 Journal of the Optical Society of America B: Optical Physics, 2013, 30, 355. Electromagnetically induced grating based on the giant Kerr nonlinearity controlled by 1.8 spontaneously generated coherence. Applied Optics, 2013, 52, 4264. Evidence of Autlerâ€"Townes splitting in fluorescence and six-wave mixing with multi-electromagnetically induced transparency. Journal of the Optical Society of America B: Optical 1309 2.1 3 Physics, 2013, 30, 2563. Selective reflection of Airy beam at an interface between dielectric and homogeneous atomic medium. Optics Express, 2013, 21, 8311. 3.4 Tuning the phase sensitivity of a double-lambda system with a static magnetic field. Optics Express, 1311 3.4 15 2013, 21, 11705. Physical interpretation for the correlation spectra of electromagnetically-induced-transparency 3.4 resonances. Optics Express, 2013, 21, 1512. Intensity correlation and anti-correlation in electromagnetically induced absorption. Optics Express, 1313 3.4 3 2013, 21, 2414. 1314 All-optical microdisk switch using EIT. Optics Express, 2013, 21, 6169. 3.4 Dressed multi-wave mixing process with Rydberg blockade. Optics Express, 2013, 21, 11728. 1315 3.4 5 Electromagnetically induced transparency and slow light in two-mode optomechanics. Optics 3.4 Express, 2013, 21, 12165. Power enhancement and phase regimes in embedded microring resonators in analogy with 1317 3.4 27 electromagnetically induced transparency. Optics Express, 2013, 21, 20179. Fast optical cooling of nanomechanical cantilever with the dynamical Zeeman effect. Optics Express, 2013, 21, 29695. 3.4 29 Blazed gain grating in a four-level atomic system. Journal of the Optical Society of America B: Optical 1319 19 2.1 Physics, 2013, 30, 136. Coherent generation and efficient manipulation of dual-channel robust stationary light pulses in ultracold atoms. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 2333. Twofold light-pulse regeneration under conditions of electromagnetically induced transparency. 1321 0.4 2 Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2013, 80, 431. Electromagnetically induced transparency and slow light in quantum degenerate atomic gases. 2.1 Journal of the Optical Society of America B: Optical Physics, 2013, 30, 2855.

#	Article	IF	CITATIONS
1323	Generating and manipulating beating signals by a microwave field in four-level cold atoms. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 1532.	2.1	3
1324	Electromagnetically induced transparency and nonlinear pulse propagation in an atomic medium confined in a waveguide. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 197.	2.1	3
1325	Pulse propagation in a dressed, degenerate system. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 829.	2.1	20
1326	Pulse propagation in atomic media in the triangular configuration. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 1517.	2.1	8
1327	Stern–Gerlach effect of multi-component ultraslow optical solitons via electromagnetically induced transparency. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 2248.	2.1	9
1328	Generation and Storage of Single Photons in Collectively Excited Atomic Ensembles. Experimental Methods in the Physical Sciences, 2013, 45, 541-562.	0.1	0
1329	All-Optically Controlled Quantum Memory for Light with a Cavity-Optomechanical System. Entropy, 2013, 15, 434-444.	2.2	5
1330	Laser pulse amplification and dispersion compensation in an effectively extended optical cavity containing Bose–Einstein condensates. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 015501.	1.5	1
1331	Scalable time reversal of Raman echo quantum memory and quantum waveform conversion of light pulse. New Journal of Physics, 2013, 15, 105005.	2.9	11
1332	Analytical approach on linear and nonlinear pulse propagations in an open ĥ-type molecular system with Doppler broadening. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 025103.	1.5	7
1333	Integrated optical dipole trap for cold neutral atoms with an optical waveguide coupler. New Journal of Physics, 2013, 15, 043010.	2.9	18
1334	Photon transport in one-dimensional systems coupled to three-level quantum impurities. New Journal of Physics, 2013, 15, 083019.	2.9	23
1335	Linewidth of electromagnetically induced transparency under motional averaging in a coated vapor cell. Chinese Physics B, 2013, 22, 033202.	1.4	5
1336	All-optical control of a solid-state spin using coherent dark states. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7595-7600.	7.1	108
1337	Enhanced gain and narrow linewidth of an optical cavity by the Doppler effect in a four-level atomic system. Journal of Modern Optics, 2013, 60, 1083-1089.	1.3	0
1338	Scalable photonic quantum computing assisted by quantum-dot spin in double-sided optical microcavity. Optics Express, 2013, 21, 17671.	3.4	79
1339	Subluminal and superluminal terahertz radiation in metamaterials with electromagnetically induced transparency. Optics Express, 2013, 21, 17736.	3.4	17
1340	Effects of laser beam diameter on electromagnetically induced transparency due to Zeeman coherences in Rb vapor. Physica Scripta, 2013, T157, 014019.	2.5	0

#	Article	IF	CITATIONS
1341	Electrically controlled Goos-HÃ ¤ chen shift of a light beam reflected from the metal-insulator-semiconductor structure. Optics Express, 2013, 21, 10430.	3.4	44
1342	Control of light tunneling through electromagnetically induced transparency-like metamaterials. Proceedings of SPIE, 2013, , .	0.8	0
1343	The Probe Transmission Spectra of 87 Rb in an Operating Magneto-Optical Trap in the Presence of an Ionizing Laser. Chinese Physics Letters, 2013, 30, 043201.	3.3	1
1344	Electromagnetically induced transparency of single ĥ-type three-level atoms in a high-finesse optical cavity. Chinese Physics B, 2013, 22, 030309.	1.4	2
1345	Coherent pump–probe spectroscopy of a Λ system with a close lying excited level. Physica Scripta, 2013, 88, 065404.	2.5	2
1346	Generation of the quadripartite Greenberger–Horne–Zeilinger entangled state in quantum beat lasers. Laser Physics Letters, 2013, 10, 125203.	1.4	2
1347	Generation of frequency entangled states via four-wave mixing in semiconductor well waveguide. Europhysics Letters, 2013, 104, 34006.	2.0	3
1348	Optical coherences and wavelength mismatch in ladder systems. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 245001.	1.5	35
1349	Controllable double tunneling induced transparency and solitons formation in a quantum dot molecule. Optics Express, 2013, 21, 17392.	3.4	44
1350	Analysis of atom detection via the magnetic optical effect. Chinese Physics B, 2013, 22, 013201.	1.4	0
1351	Two-dimensional atom localization via probe absorption in a four-level atomic system. Chinese Physics B, 2013, 22, 074203.	1.4	1
1352	Low-frequency terrestrial gravitational-wave detectors. Physical Review D, 2013, 88, .	4.7	70
1353	Nonlinear coupling between two Zeeman coherence gratings stored in cold atoms. Physical Review A, 2013, 88, .	2.5	1
1354	Plasmonic analog of electromagnetically induced absorption: simulations, experiments, and coupled oscillator analysis. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 3123.	2.1	71
1355	Autler–Townes quadruplet spectroscopy. Canadian Journal of Physics, 2013, 91, 783-787.	1.1	0
1356	Analytical treatment of ultrafast laser-induced spin-flipping <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>l></mml:mi>processes on magnetic nanostructures. Physical Review B. 2013. 87</mml:math 	3.2	20
1357	Sub-Poissonian Statistics of Rydberg-Interacting Dark-State Polaritons. Physical Review Letters, 2013, 110, 203601.	7.8	86
1358	Optomechanically induced transparency in a membrane-in-the-middle setup at room temperature. Physical Review A, 2013, 88, .	2.5	194

#	Article	IF	CITATIONS
1359	Multiple spontaneously generated coherence and phase control of fluorescence photon correlation in a driven four-level atom. Journal of Modern Optics, 2013, 60, 823-830.	1.3	1
1360	Transient absorption spectra of the laser-dressed hydrogen atom. Physical Review A, 2013, 88, .	2.5	10
1361	Power-broadening-free correlation spectroscopy in cold atoms. Physical Review A, 2013, 88, .	2.5	12
1362	Electromagnetically-induced-transparency–like phenomenon with two atomic ensembles in a cavity. Physical Review A, 2013, 88, .	2.5	21
1363	Spatial distribution of optically induced atomic excitation in a dense and cold atomic ensemble. Physical Review A, 2013, 87, .	2.5	33
1364	Storage of electromagnetic waves in a metamaterial that mimics electromagnetically induced transparency. Physical Review B, 2013, 87, .	3.2	61
1365	Near-resonance light scattering from a high-density ultracold atomic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>87</mml:mn></mml:mrow </mml:msup>Rb gas. Physical Review A, 2013, 87, .</mml:math 	2.5	64
1366	Alternating absorption features during attosecond-pulse propagation in a laser-controlled gaseous medium. Physical Review A, 2013, 88, .	2.5	29
1367	Temperature limits in laser cooling of free atoms with three-level cascade transitions. Physical Review A, 2013, 87, .	2.5	3
1368	Fidelity of photon propagation in electromagnetically induced transparency in the presence of four-wave mixing. Physical Review A, 2013, 88, .	2.5	59
1369	Group-velocity slowdown in a double quantum dot molecule. Physical Review B, 2013, 88, .	3.2	24
1370	Enhanced dispersive and nonlinear properties of coupled ring resonators by using an embedded microrings configuration. , 2013, , .		1
1371	Tailoring electromagnetically induced transparency for terahertz metamaterials: From diatomic to triatomic structural molecules. Applied Physics Letters, 2013, 103, 021115.	3.3	76
1372	Electromagnetically induced transparency of charge pumping in a triple-quantum-dots with ĥ-type level structure. Applied Physics Letters, 2013, 102, 163116.	3.3	9
1373	Power transmission and group delay in gain-assisted plasmon-induced transparency. AIP Advances, 2013, 3, 032138.	1.3	9
1374	Atom-Based Vector Microwave Electrometry Using Rubidium Rydberg Atoms in a Vapor Cell. Physical Review Letters, 2013, 111, 063001.	7.8	220
1375	Diffusion effects in gradient echo memory. Physical Review A, 2013, 87, .	2.5	4
1376	Cubic-quintic condensate solitons in four-wave mixing. Physical Review A, 2013, 88, .	2.5	56

#	Article	IF	CITATIONS
1377	Preparing, linking, and unlinking cluster-type polarization-entangled states by integrating modules. Progress of Theoretical and Experimental Physics, 2013, 2013, .	6.6	8
1378	Subwavelength Localization of Atomic Excitation Using Electromagnetically Induced Transparency. Physical Review X, 2013, 3, .	8.9	39
1379	Feedback spectroscopy of atomic resonances. Physical Review A, 2013, 87, .	2.5	8
1380	Nonlinear absorption and density-dependent dephasing in Rydberg electromagnetically-induced-transparency media. Physical Review A, 2013, 88, .	2.5	19
1381	Absorption and emission of single attosecond light pulses in an autoionizing gaseous medium dressed by a time-delayed control field. Physical Review A, 2013, 87, .	2.5	34
1382	Switching from optical bistability to multistability in a coupled semiconductor double-quantum-dot nanostructure. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 2915.	2.1	73
1383	Experimental investigation of the transition between Autler-Townes splitting and electromagnetically-induced-transparency models. Physical Review A, 2013, 87, .	2.5	82
1384	Bichromatic electromagnetically induced transparency in hot atomic vapors. Physical Review A, 2013, 87, .	2.5	17
1385	Broadband plasmon induced transparency in terahertz metamaterials. Nanotechnology, 2013, 24, 214003.	2.6	94
1386	Dynamically controlled two-color photonic band gaps via balanced four-wave mixing in one-dimensional cold atomic lattices. Physical Review A, 2013, 88, .	2.5	13
1387	Additional one-photon coherence-induced transparency in a Doppler-broadened V-type system. Physical Review A, 2013, 87, .	2.5	6
1388	Controlling the group velocity of colliding atomic Bose-Einstein condensates with Feshbach resonances. Physical Review A, 2013, 87, .	2.5	3
1389	Autler-Townes splitting of a cascade system in ultracold cesium Rydberg atoms. Physical Review A, 2013, 87, .	2.5	26
1390	Resonant stimulated Raman gain and loss spectroscopy in Rb atomic vapor. Physical Review A, 2013, 87, .	2.5	21
1391	Preservation of spatial coherence of an optical pulse in atomic vapor quantum memory. Physical Review A, 2013, 88, .	2.5	8
1392	Electromagnetically induced transparency and ultraslow optical solitons in a coherent atomic gas filled in a slot waveguide. Optics Express, 2013, 21, 5149.	3.4	6
1393	Demonstration of reconfigurable optical functions inspired by quantum effects. , 2013, , .		0
1394	Phase characteristics of an electromagnetically induced transparency analogue in coupled resonant systems. New Journal of Physics, 2013, 15, 103033.	2.9	23

#	Article	IF	CITATIONS
1395	Compact XFEL and AMO sciences: SACLA and SCSS. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 164001.	1.5	88
1396	Optical analogue of double Fano resonance via dressed twin continua. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 3202.	2.1	8
1397	Towards coherent control of SASE pulses using propagation through helium gas at wavelengths corresponding to double excitation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 164021.	1.5	4
1398	CROSSOVER FROM SPONTANEOUSLY GENERATED COHERENCE TO AUTLER–TOWNES SPLITTING IN THREE-LEVEL ATOMIC SYSTEMS. International Journal of Modern Physics B, 2013, 27, 1350065.	2.0	0
1399	A GENERATION SCHEME OF THE DISTRIBUTED FOUR-PHOTON CLUSTER-TYPE POLARIZATION-ENTANGLED STATES EXPLOITING THE INTEGRATION OF ENTANGLEMENT GATES AND THE CONTROLLED PHASE GATE. International Journal of Quantum Information, 2013, 11, 1350064.	1.1	1
1400	Two-mode squeezed and entangled states of a hybrid system of an atomic ensemble and an optical field via an atom–cavity reservoir. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 185501.	1.5	1
1401	Voltage-controlled optical precursors in quantum dot molecules. Journal of Modern Optics, 2013, 60, 1343-1348.	1.3	3
1402	ELECTROMAGNETICALLY INDUCED TRANSPARENCY (EIT)-LIKE TRANSMISSION IN ORTHOGONAL-COUPLED SLOT CAVITIES. Modern Physics Letters B, 2013, 27, 1350009.	1.9	4
1403	Phase grating in a doubly degenerate four-level system. Chinese Physics B, 2013, 22, 104203.	1.4	0
1404	Electromagnetically induced transparency and fluorescence in blockaded Rydberg atomic system. Journal of Chemical Physics, 2013, 139, 164316.	3.0	9
1405	Catch and Release of Photons. Physics Magazine, 2013, 6, .	0.1	1
1406	Localize and Conquer!. Physics Magazine, 2013, 6, .	0.1	0
1407	Propagation of quantum optical fields under the conditions of multi-photon resonances in a coherent atomic vapor. Proceedings of SPIE, 2013, , .	0.8	0
1408	Pump-probe spectra modeled with inclusion of a dipole-coupled but not dipole-probedF'state, for the case of85Rb 5S1/2(F)↔5P3/2(F') transitions. , 2013, , .		1
1409	Propagation of Raman-resonant frequency chirped laser pulses in a medium of lambda-atoms. Proceedings of SPIE, 2013, , .	0.8	0
1410	Achieving slow and fast light with high transmission by nanodiamond nitrogen-vacancy center coupling to photonic crystal cavity. Journal of Applied Physics, 2013, 114, 124312.	2.5	5
1411	Light Propagation in Optically Dressed Media. , 2013, , .		0
1412	VOLTAGE CONTROL OF ELECTROMAGNETICALLY-INDUCED-TRANSPARENCY-LIKE EFFECT IN METAMATERIALS BASED ON MICROSTRIP SYSTEM. Progress in Electromagnetics Research Letters, 2014, 44, 113-118.	0.7	6

#	Article	IF	Citations
1413	Detection of Single Photons Using Slow light. , 2014, , .		0
1414	An extremely large group index via electromagnetically induced transparency in metamaterials. Journal of the European Optical Society-Rapid Publications, 0, 9, .	1.9	11
1415	ELECTROMAGNETICALLY INDUCED ABSORPTION IN METAMATERIALS IN THE INFRARED FREQUENCY. Progress in Electromagnetics Research Letters, 2014, 47, 19-24.	0.7	5
1416	Controllable optical mirror of cesium atoms with four-wave mixing. Chinese Physics B, 2014, 23, 093204.	1.4	0
1417	All-Optical Initialization, Readout, and Coherent Preparation of Single Silicon-Vacancy Spins in Diamond. Physical Review Letters, 2014, 113, 263602.	7.8	216
1418	Experimental demonstration of spinor slow light. Nature Communications, 2014, 5, 5542.	12.8	45
1419	Enhancement of electromagnetically induced transparency cooling by an optical cavity. Chinese Physics B, 2014, 23, 113701.	1.4	0
1420	Electromagnetically induced transparency in a three-mode optomechanical system. Chinese Physics B, 2014, 23, 114201.	1.4	8
1421	Plasmonic analogue of electromagnetically induced transparency in a T-shaped metallic nanohole array and its sensing performance. Modern Physics Letters B, 2014, 28, 1450231.	1.9	5
1422	Output three-mode entanglement via coherently prepared inverted Y-type atoms. Chinese Physics B, 2014, 23, 044203.	1.4	1
1423	Transient responses of transparency in a far-off resonant atomic system. Chinese Physics B, 2014, 23, 054204.	1.4	0
1424	Fundamental modes in a waveguide pipe twisted by inverted nonlinear double-well potential. Laser Physics, 2014, 24, 045403.	1.2	8
1425	Plasmon-induced absorption in stacked metamaterials based on phase retardation. Chinese Physics B, 2014, 23, 107808.	1.4	8
1426	Enhancement of four-wave mixing process in a four-level double semiconductor quantum well. Chinese Physics B, 2014, 23, 124202.	1.4	3
1427	Efficient two-dimensional localization effect in a semiconductor quantum well. Laser Physics, 2014, 24, 085201.	1.2	0
1428	Nonlinear polarization rotation of a Gaussian pulse propagating through an EIT medium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 045503.	1.5	4
1429	Numerical modeling of evolution of nano- and picosecond probe pulses of electromagnetically induced transparency. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2014, 117, 914-922.	0.6	3
1430	Electromagnetically induced transparency with degenerate atomic levels. Laser Physics, 2014, 24, 094011.	1.2	3

#	Article	IF	CITATIONS
1431	Analogue of electromagnetically induced transparency in integrated plasmonics with radiative and subradiant resonators. Optics Express, 2014, 22, 21529.	3.4	60
1432	Light-induced gauge fields for ultracold atoms. Reports on Progress in Physics, 2014, 77, 126401.	20.1	890
1433	Localization of light in the atomic medium induced by the Hermite–cosine–Gauss field. Applied Optics, 2014, 53, 7937.	2.1	3
1434	Electromagnetically induced absorption in detuned stub waveguides: a simple analytical and experimental model. Journal of Physics Condensed Matter, 2014, 26, 505901.	1.8	30
1435	Cavity optomechanics. Reviews of Modern Physics, 2014, 86, 1391-1452.	45.6	4,064
1436	Effect of temperature on quasiperiodic refractive index oscillations in optically dense medium with a closed excitation contour. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 245401.	1.5	7
1437	Topologically protected strongly correlated states of photons. New Journal of Physics, 2014, 16, 113030.	2.9	22
1438	Optomechanical Crystal Devices. , 2014, , 195-231.		6
1439	Spontaneuos and Parametric Processes in Warm Rubidium Vapours. Latvian Journal of Physics and Technical Sciences, 2014, 51, 21-34.	0.6	1
1440	Optical precursors with competing linear and nonlinear dispersions in quantum dot molecules. Physica E: Low-Dimensional Systems and Nanostructures, 2014, 64, 246-253.	2.7	1
1441	Enhanced refractive index without absorption in optical fibers via an indirect incoherent pump field. Superlattices and Microstructures, 2014, 76, 436-441.	3.1	2
1442	Electromagnetically induced transparency and four-wave mixing in a cold atomic ensemble with large optical depth. New Journal of Physics, 2014, 16, 113053.	2.9	34
1443	Electromagnetically induced self-imaging in four-level atomic system. Applied Optics, 2014, 53, 1889.	1.8	3
1444	Dynamic control on light polarization through electromagnetically induced transparency in a rare-earth ion doped crystal. , 2014, , .		0
1445	Phase-controlled optical switching and slow- and weak-light solitons in a coherent molecular system with permanent dipole moments. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 594.	2.1	4
1446	Optical switching using controlled two-photon transition. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 1347.	2.1	2
1447	Crossover from electromagnetically induced transparency to Autler–Townes splitting in open ladder systems with Doppler broadening. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 704.	2.1	26
1448	Hybrid optomechanical cooling via atomic three-level schemes. , 2014, , .		1

#	Article	IF	CITATIONS
1449	Inverse counting statistics for stochastic and open quantum systems: the characteristic polynomial approach. New Journal of Physics, 2014, 16, 033030.	2.9	34
1450	Uniform theoretical description of plasmon-induced transparency in plasmonic stub waveguide. Optics Letters, 2014, 39, 216.	3.3	97
1451	One-dimensional ultracold medium of extreme optical depth. Optics Letters, 2014, 39, 446.	3.3	40
1452	Low-light-level ladder-type electromagnetically induced transparency and two-photon absorption. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 2485.	2.1	3
1453	Extracting dynamical Green's function of ultracold quantum gases via electromagnetically induced transparency. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 2931.	2.1	1
1454	Spectra of pulses propagating in atomic media in the closed double \hat{I} configuration. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 2965.	2.1	1
1455	Phase control of light transmission and reflection based biexciton coherence in a defect dielectric medium. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, 2223.	1.5	7
1456	Power quantum control of odd-order multiwave mixing in an electromagnetically induced transparency window. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 1263.	2.1	1
1457	Microwave field controlled slow and fast light with a coupled system consisting of a nanomechanical resonator and a Cooper-pair box. Optics Express, 2014, 22, 3621.	3.4	11
1458	Optical cavity squeezing of multiwave mixing via dark states. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 2792.	2.1	5
1459	Generation of multipartite continuous-variable entanglement via atomic spin wave: Heisenberg-Langevin approach. Optics Express, 2014, 22, 12563.	3.4	5
1460	Recovering the propagation delay of an optical pulse. Optics Express, 2014, 22, 28566.	3.4	3
1461	Theoretical analysis of mid-infrared molecular spectral line profiles with transversal relaxation in an intense optical field. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 1879.	2.1	1
1462	Spatial transport of atomic coherence in electromagnetically induced absorption with a paraffin-coated Rb vapor cell. Optics Express, 2014, 22, 15941.	3.4	2
1463	Hamiltonian design in readout from room-temperature Raman atomic memory. Optics Express, 2014, 22, 26076.	3.4	28
1464	Ground state cooling of an optomechanical resonator assisted by a \hat{b} -type atom. Optics Express, 2014, 22, 28118.	3.4	28
1465	Enhanced four-wave mixing efficiency in four-subband semiconductor quantum wells via Fano-type interference. Optics Express, 2014, 22, 29179.	3.4	27
1466	Marking slow light signals with fast optical precursors in the regime of electromagnetically induced transparency. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 62.	2.1	4

#	Article	IF	CITATIONS
1467	Subwavelength microwave electric-field imaging using Rydberg atoms inside atomic vapor cells. Optics Letters, 2014, 39, 3030.	3.3	95
1468	Optomechanically induced transparency in the mechanical-mode splitting regime. Optics Letters, 2014, 39, 4180.	3.3	18
1469	Semianalytical model for nonlinear absorption in strongly interacting Rydberg gases. Physical Review A, 2014, 89, .	2.5	18
1470	Binding Potentials and Interaction Gates between Microwave-Dressed Rydberg Atoms. Physical Review Letters, 2014, 113, 123003.	7.8	48
1471	Realization of two-dimensional Aubry-André localization of light waves via electromagnetically induced transparency. Physical Review A, 2014, 89, .	2.5	4
1472	Nonexponential tunneling and control of microwave absorption lineshapes via Fano resonance for electrons on helium. Physical Review B, 2014, 90, .	3.2	2
1473	Statistics of scattered photons from a driven three-level emitter in a one-dimensional open space. Physical Review A, 2014, 89, .	2.5	25
1474	Electromagnetically induced transparency with controlled van der Waals interaction. Physical Review A, 2014, 90, .	2.5	12
1475	Enhancement of image resolution beyond the diffraction limit by double dark resonances. Physical Review A, 2014, 89, .	2.5	5
1476	Quantum correlations and nonclassicality in a system of two coupled vertical external cavity surface emitting lasers. Physical Review A, 2014, 90, .	2.5	0
1477	Scattering resonances and bound states for strongly interacting Rydberg polaritons. Physical Review A, 2014, 90, .	2.5	78
1478	Trapping of weak signal pulses by soliton and trajectory control in a coherent atomic gas. Physical Review A, 2014, 89, .	2.5	12
1479	Plasmon-induced transparency in a single multimode stub resonator. Optics Express, 2014, 22, 25215.	3.4	89
1480	Quantum interference effects in a ĥ-type atom interacting with two short laser pulse trains. European Physical Journal D, 2014, 68, 1.	1.3	1
1481	Acousto-optic resonant coupling of three spatial modes in an optical fiber. Optics Express, 2014, 22, 1990.	3.4	8
1482	Transition linewidth of cross correlations in random intensity fluctuations in electromagnetically induced transparency. Physical Review A, 2014, 89, .	2.5	7
1483	Tunable refraction in a two-dimensional quantum-state metamaterial. Physical Review A, 2014, 90, .	2.5	2
1484	Low-light-level four-wave mixing by quantum interference. Physical Review A, 2014, 89, .	2.5	29

#	Article	IF	CITATIONS
1485	Orthogonally twisted planar concentric split ring resonators towards strong near field coupled terahertz metamaterials. Applied Physics Letters, 2014, 104, .	3.3	30
1486	Disorder-induced transparency in a one-dimensional waveguide side coupled with optical cavities. Journal of Applied Physics, 2014, 115, .	2.5	1
1487	Formation and manipulation of optomechanical chaos via a bichromatic driving. Physical Review A, 2014, 90, .	2.5	42
1488	Adiabatic Population Transfer Based on a Double Stimulated Raman Adiabatic Passage. Journal of Russian Laser Research, 2014, 35, 547-554.	0.6	9
1489	Resonant electronic transport through a triple quantum-dot with ĥ-type level structure under dual radiation fields. Journal of Applied Physics, 2014, 116, 063702.	2.5	1
1490	Stationary and quasistationary light pulses in three-level cold atomic systems. Physical Review A, 2014, 89, .	2.5	17
1491	Motion-induced signal revival in pulsed Rydberg four-wave mixing beyond the frozen-gas limit. Physical Review A, 2014, 90, .	2.5	14
1492	Sub-wavelength imaging and field mapping via electromagnetically induced transparency and Autler-Townes splitting in Rydberg atoms. Applied Physics Letters, 2014, 104, .	3.3	153
1493	Terahertz radiation in alkali vapor plasmas. Applied Physics Letters, 2014, 104, 191106.	3.3	21
1494	All-Optical Formation of Coherent Dark States of Silicon-Vacancy Spins in Diamond. Physical Review Letters, 2014, 113, 263601.	7.8	121
1495	Tunable slowing, storing, and releasing of a weak microwave field. Physical Review A, 2014, 89, .	2.5	9
1496	Tailoring double Fano profiles with plasmon-assisted quantum interference in hybrid exciton-plasmon system. Applied Physics Letters, 2014, 105, .	3.3	17
1497	Quantum opto-mechanics: from rotation to Coriolis force detection. Journal of Modern Optics, 2014, 61, 13-17.	1.3	1
1498	Umklapp Superradiance with a Collisionless Quantum Degenerate Fermi Gas. Physical Review Letters, 2014, 112, 143003.	7.8	78
1499	What is and what is not electromagnetically induced transparency in whispering-gallery microcavities. Nature Communications, 2014, 5, 5082.	12.8	390
1500	Time-optimal thermalization of single-mode Gaussian states. Physical Review A, 2014, 90, .	2.5	12
1501	Postselection of a polarization basis in intensity correlations under electromagnetically induced transparency. Physical Review A, 2014, 90, .	2.5	2
1502	Electromagnetically induced transparency with wide band in all-dielectric microstructure based on Mie resonances. Journal of Optics (United Kingdom), 2014, 16, 125105.	2.2	20

#	Article	IF	CITATIONS
1503	Strong group-velocity dispersion compensation with phase-engineered sheet metamaterials. Physical Review B, 2014, 89, .	3.2	28
1504	Extracting Phase and Amplitude Modifications of Laser-Coupled Fano Resonances. Physical Review Letters, 2014, 112, 103001.	7.8	48
1505	Probing dipole-forbidden autoionizing states by isolated attosecond pulses. Physical Review A, 2014, 89, .	2.5	5
1506	Efficient generation and transfer of entanglement encoded in different photonic degrees of freedom by Raman interaction. Physical Review A, 2014, 89, .	2.5	5
1507	Electromagnetically-induced-transparency-like ground-state cooling in a double-cavity optomechanical system. Physical Review A, 2014, 90, .	2.5	149
1508	Superluminal two-color light in a multiple Raman gain medium. Physical Review A, 2014, 90, .	2.5	5
1509	Plasmonic-induced transparency of unsymmetrical grooves shaped metal–insulator–metal waveguide. AIP Advances, 2014, 4, 123006.	1.3	22
1510	Electromagnetically induced two-photon transparencies controlled by tuning the type of the coupling field from standing to travelling wave. European Physical Journal D, 2014, 68, 1.	1.3	0
1511	Dressed four-wave mixing second-order Talbot effect. Physical Review A, 2014, 90, .	2.5	28
1512	Single-photon router: Coherent control of multichannel scattering for single photons with quantum interferences. Physical Review A, 2014, 89, .	2.5	132
1513	High Resolution Coherent Population Trapping on a Single Hole Spin in a Semiconductor Quantum Dot. Physical Review Letters, 2014, 112, 107401.	7.8	40
1514	Two-dimensional electromagnetically induced cross-grating in a four-level tripod-type atomic system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 225501.	1.5	44
1515	Plasmon induced transparency in metal–insulator–metal waveguide by a stub coupled with F-P resonator. Materials Research Express, 2014, 1, 036201.	1.6	19
1516	Effect of temperature on the shape of spatial quasi-periodic oscillations of the refractive index of alkali atoms in an optically dense medium with a closed excitation contour of Δ type. Quantum Electronics, 2014, 44, 944-949.	1.0	1
1517	Raman process under condition of radiation trapping in a disordered atomic medium. Physical Review A, 2014, 90, .	2.5	4
1518	Autler-Townes spectroscopy with interaction-induced dephasing. Physical Review A, 2014, 90, .	2.5	19
1519	Suppression of the four-wave-mixing background noise in a quantum memory retrieval process by channel blocking. Physical Review A, 2014, 90, .	2.5	18
1520	Quantum networking of microwave photons using optical fibers. Physical Review A, 2014, 90, .	2.5	19

		CITATION REPORT		
#	Article		IF	Citations
1521	Anomalous Behavior of Dark States in Quantum Gases ofLi6. Physical Review Letters, 2	:014, 113, 055302.	7.8	15
1522	Correction of Arbitrary Field Errors in Population Inversion of Quantum Systems by Uni Composite Pulses. Physical Review Letters, 2014, 113, 043001.	versal	7.8	92
1523	Dipole-induced high-order sideband comb employing a quantum dot strongly coupled crystal cavity via a waveguide. Physical Review B, 2014, 89, .	co a photonic	3.2	12
1524	Transient coherence of media under strong phase modulation exploiting electromagne transparency. Physical Review A, 2014, 90, .	tically induced	2.5	4
1525	Phase effects on pulse propagation in atomic media in the triangular configuration. Phy 2014, T160, 014022.	ysica Scripta,	2.5	2
1526	Polarization-rotation resonances with subnatural widths using a control laser. Europhy 2014, 106, 43001.	sics Letters,	2.0	4
1527	Slow light in liquid crystal media. Optical Engineering, 2014, 53, 102704.		1.0	0
1528	Group-velocity slowdown in quantum-dots and quantum-dot molecules. , 2014, , .			2
1529	Double electromagnetically induced transparency and narrowing of probe absorption i with nanomechanical mirrors. Journal of Physics B: Atomic, Molecular and Optical Phys 055504.	n a ring cavity ics, 2014, 47,	1.5	52
1530	Quantum nonlinear optics using cold Rydberg atoms. Proceedings of SPIE, 2014, , .		0.8	0
1531	The Inversionless Amplification in a Tripod System of ⁸⁷ Rb Atoms in a Ma Trap. Chinese Physics Letters, 2014, 31, 043201.	agneto-optical	3.3	2
1532	Coherent phenomena in terahertz 2D plasmonic structures: strong coupling, plasmoni induced transparency by coupling of localized modes. Proceedings of SPIE, 2014, , .	c crystals, and	0.8	0
1533	Controllable Four-Wave Mixing Signal inside a Cascade Three-Level Atomic System. Ap and Materials, 2014, 644-650, 3951-3955.	plied Mechanics	0.2	0
1534	Dynamic Quantum Erasure Mediated by Electromagnetically Induced Transparency. Co Theoretical Physics, 2014, 62, 655-662.	mmunications in	2.5	0
1535	Parametric amplification of dressed multi-wave mixing in an atomic ensemble. Laser Ph 2014, 11, 045201.	ysics Letters,	1.4	18
1536	Vacuum induced enhancement and suppression of six-wave mixing in a ring cavity. Las Letters, 2014, 11, 045401.	er Physics	1.4	4
1537	Cavity Optomechanics with Whispering-Gallery-Mode Microresonators. , 2014, , 121-1	48.		6
1538	Interferometric measurements by using slow light in liquid crystal media. Proceedings	of SPIE, 2014, , .	0.8	0

#	Article	IF	CITATIONS
1539	Optical Ramsey fringes observed during temporal evolution of Zeeman coherences in Rb buffer gas cell. Physica Scripta, 2014, T162, 014038.	2.5	1
1540	An Analytical Derivation of a Symmetric Peak with Width Narrower than the Peak Width of the Probing Laser. Chinese Physics Letters, 2014, 31, 013201.	3.3	0
1541	Electromagnetically induced transparency in five-level cascade scheme of 85Rb atoms: An analytical approach. Optik, 2014, 125, 3666-3669.	2.9	32
1542	Frequency selective bistable switching in metamaterial based photonic bandgap medium. Optics Communications, 2014, 328, 116-120.	2.1	9
1543	Cavity-assisted revival of silenced echo quantum memory. Optics Communications, 2014, 321, 162-166.	2.1	4
1544	Theoretical Concepts of X-Ray Nanoscale Analysis. Springer Series in Materials Science, 2014, , .	0.6	22
1545	An experimental approach for investigating many-body phenomena in Rydberg-interacting quantum systems. Frontiers of Physics, 2014, 9, 571-586.	5.0	27
1546	Direct observation of atomic diffusion in warm rubidium ensembles. Applied Physics B: Lasers and Optics, 2014, 116, 415-421.	2.2	15
1547	Dynamic generation of beating signals in an atomic system with a static magnetic field. Optical and Quantum Electronics, 2014, 46, 1087-1095.	3.3	0
1548	Effect of light polarization and dimensions of ĥ-type three level cylindrical quantum dot on electromagnetically induced transparency. Superlattices and Microstructures, 2014, 65, 161-176.	3.1	24
1549	Adiabatic control of atomic population and distortion-free propagation of short laser pulses in multilevel media. Laser Physics, 2014, 24, 035301.	1.2	5
1550	Light scattering on the <i>F</i> = 1 → <i>F</i> ′ = 0 transition in a cold and high density ⁸⁷ Rb vapor. Journal of Modern Optics, 2014, 61, 77-84.	1.3	8
1551	Quasi-energy of single quantum particles and a Bose-Einstein condensate in a dynamical trap. Journal of Experimental and Theoretical Physics, 2014, 118, 124-132.	0.9	10
1552	A Study on Entanglement Sudden Death in the Open Bipartite Systems. International Journal of Theoretical Physics, 2014, 53, 2065-2074.	1.2	Ο
1553	Deterministic transmission of an arbitrary single-photon polarization state through bit-flip error channel. Quantum Information Processing, 2014, 13, 1413-1424.	2.2	13
1554	Double-electromagnetically induced transparency in a Y-type atomic system. European Physical Journal D, 2014, 68, 1.	1.3	27
1555	Polarization phenomena upon excitation by the ĥ-scheme and at an anisotropic population of lower levels. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2014, 116, 1-7.	0.6	1
1556	Coherent control of the waveforms of recoilless Î ³ -ray photons. Nature, 2014, 508, 80-83.	27.8	107

#	Article	IF	CITATIONS
1557	Electromagnetically induced transparency with cold Rydberg atoms: Superatom model beyond the weak-probe approximation. Physical Review A, 2014, 89, .	2.5	39
1558	Optical bistability and multistability via biexciton coherence in semiconductor quantum well nanostructure. Optics Communications, 2014, 315, 347-351.	2.1	55
1559	Microwave control of the interaction between two optical photons. Physical Review A, 2014, 89, .	2.5	27
1560	Complete wavelength mismatching effect in a Doppler broadened Y-type six-level EIT atomic medium. Optics Communications, 2014, 324, 238-244.	2.1	19
1561	Electromagnetically Induced Transparency-Like Transmission in a Compact Side-Coupled T-Shaped Resonator. Journal of Lightwave Technology, 2014, 32, 1701-1707.	4.6	75
1562	Adjustable electromagnetically induced transparency and absorption, optical controlled-phase gate in semiconductor quantum wells. European Physical Journal D, 2014, 68, 1.	1.3	2
1563	Inverse scattering transform for 3-level coupled Maxwell–Bloch equations with inhomogeneous broadening. Physica D: Nonlinear Phenomena, 2014, 278-279, 58-78.	2.8	20
1564	Coupled resonator induced transparency in surface plasmon polariton gap waveguide with two side-coupled cavities. Physica B: Condensed Matter, 2014, 446, 55-58.	2.7	9
1565	Controlling the optical bistability in a three-level quantum-dot molecule via gate voltage and indirect incoherent pump field. European Physical Journal D, 2014, 68, 1.	1.3	8
1566	Wave Modes Trapped in Rotating Nonlinear Potentials. Advances in Dynamics, Patterns, Cognition, 2014, , 171-192.	0.3	2
1567	Giant modification of atomic transition probabilities induced by a magnetic field: forbidden transitions become predominant. Laser Physics Letters, 2014, 11, 055701.	1.4	39
1568	Determination of the structure of hyperfine sublevels of Rb in strong magnetic fields by means of the coherent population trapping technique. Journal of Experimental and Theoretical Physics, 2014, 118, 359-364.	0.9	11
1569	Transient absorption–dispersion properties of four-level atomic system via elliptically polarized probe light and magnetic field. Optik, 2014, 125, 1558-1561.	2.9	6
1570	Plasmon-induced transparency in metal–insulator–metal waveguide side-coupled with multiple cavities. Applied Optics, 2014, 53, 1604.	1.8	17
1571	Ultraslow optical solitons and their storage and retrieval in an ultracold ladder-type atomic system. Physical Review A, 2014, 89, .	2.5	69
1572	High-precision two-dimensional atom localization via quantum interference in a tripod-type system. Laser Physics Letters, 2014, 11, 035201.	1.4	74
1573	Coupled atomic coherences induced by a standing wave. Optics Communications, 2014, 318, 120-127.	2.1	5
1574	Two-state behavior in <i>N</i> -state quantum systems: The Morris–Shore transformation reviewed. Journal of Modern Optics, 2014, 61, 787-815.	1.3	31

#	Article	IF	CITATIONS
1575	Splitting of N-type optical resonance formed in ĥ-system of 85Rb atoms in a strong transverse magnetic field. Journal of Contemporary Physics, 2014, 49, 20-27.	0.6	5
1576	Adsorbate Electric Fields on a Cryogenic Atom Chip. Physical Review Letters, 2014, 112, 026101.	7.8	30
1577	Tunable higher-order sideband spectra in a waveguide-coupled photonic crystal molecule beyond the weak-excitation approximation. Physical Review A, 2014, 89, .	2.5	13
1578	Transient lasing without inversion via forbidden and virtual transitions. Physical Review A, 2014, 89, .	2.5	21
1579	Guiding ultraslow weak-light bullets with Airy beams in a coherent atomic system. Physical Review A, 2014, 89, .	2.5	20
1580	Wide-angle and polarization-independent electromagnetically induced transparency-like effect based on pentacyclic structure. Journal of Optics (United Kingdom), 2014, 16, 015103.	2.2	8
1581	Controllable beating signal using stored light pulse. Chinese Physics B, 2014, 23, 014205.	1.4	1
1582	Tunable negative permeability in a quantum plasmonic metamaterial. Physical Review A, 2014, 89, .	2.5	18
1583	Sub-natural width N-type resonance in cesium atomic vapour: splitting in magnetic fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 035001.	1.5	15
1584	Switching from positive to negative absorption with electromagnetically induced transparency in circuit quantum electrodynamics. Chinese Physics B, 2014, 23, 054206.	1.4	4
1585	Electromagnetically induced transparency and Autler-Townes splitting in superconducting flux quantum circuits. Physical Review A, 2014, 89, .	2.5	84
1586	Observation of Dicke superradiance for two artificial atoms in a cavity with high decay rate. Nature Communications, 2014, 5, 5186.	12.8	194
1587	Hybrid optomechanical cooling by atomic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>ĥ</mml:mi>systems. Physical Review A, 2014, 90, .</mml:math 	2.5	45
1588	Time-driven quantum master equations and their compatibility with the fluctuation dissipation theorem. Physical Review A, 2014, 90, .	2.5	5
1589	Actively bias-controlled metamaterial to mimic and modulate electromagnetically induced transparency. Applied Physics Letters, 2014, 104, 261902.	3.3	24
1590	Nanosecond-pulse-controlled higher-order sideband comb in a GaAs optomechanical disk resonator in the non-perturbative regime. Annals of Physics, 2014, 349, 43-54.	2.8	36
1591	Competition between atomic coherence and electromagnetically induced population grating in multi-wave mixing. Applied Physics B: Lasers and Optics, 2014, 117, 1055-1063.	2.2	1
1592	Interference control of nonlinear excitation in a multi-atom cavity quantum electrodynamics system. Optics Letters, 2014, 39, 6695.	3.3	9

#	Article	IF	CITATIONS
1593	Proposal for efficient mode converter based on cavity quantum electrodynamics dark mode in a semiconductor quantum dot coupled to a bimodal microcavity. Journal of Applied Physics, 2014, 116, 164306.	2.5	8
1594	Coherent trapping of populations upon excitation by the ĥ-scheme in a weak magnetic field. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2014, 117, 30-35.	0.6	1
1595	High-contrast atomic dark resonances formed in a ladder system of rubidium atoms in submicron structures. Journal of Experimental and Theoretical Physics, 2014, 119, 8-14.	0.9	7
1596	Control of Group Velocity via Spontaneous Generated Coherence and Kerr Nonlinearity. Communications in Theoretical Physics, 2014, 62, 410-416.	2.5	15
1597	Two-photon microwave transitions and strong-field effects in a room-temperature Rydberg-atom gas. Physical Review A, 2014, 90, .	2.5	47
1598	Tunable Transparency Effect in a Symmetry Metamaterial Based on Subradiant Magnetic Resonance. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	4
1599	Investigating the direct coupling between plasmonic cavities in the case of the second-order resonant mode. Modern Physics Letters B, 2014, 28, 1450217.	1.9	1
1600	Optical bistability via Josephson coupling energy in a superconducting quantum circuit. Laser Physics, 2014, 24, 115203.	1.2	4
1601	Large refractive index with vanishing absorption in optical fibers. Optik, 2014, 125, 4758-4761.	2.9	0
1602	Intermode reactive coupling induced by waveguide-resonator interaction. Physical Review A, 2014, 90, .	2.5	23
1603	Multiscale dynamics in relaxor ferroelectrics. Europhysics Letters, 2014, 105, 17001.	2.0	5
1604	Cavity-assisted cooling of a trapped atom using cavity-induced transparency. Physical Review A, 2014, 89, .	2.5	14
1605	Ground-state cooling of a trapped ion by quantum interference pathways. Physical Review A, 2014, 90, .	2.5	5
1606	Photon propagation in a one-dimensional optomechanical lattice. Physical Review A, 2014, 89, .	2.5	36
1607	Complete Quantum State Selectivity in Cold Molecular Beams Using Deflection-Resistant Dark States in a STIRAP Configuration. Journal of Physical Chemistry Letters, 2014, 5, 3620-3624.	4.6	0
1608	Double-double electromagnetically induced transparency with amplification. Physical Review A, 2014, 89, .	2.5	45
1609	Fano-like line shape of spontaneous emission spectrum in a weakly driven two-level atom. Journal of Modern Optics, 2014, 61, 1564-1569.	1.3	2
1610	Effect of an additional magnetic field on Hanle-type absorption resonances. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 195501.	1.5	5

#	Article	IF	Citations
1611	Observation and theoretical simulation of electromagnetically induced transparency and enhanced velocity selective optical pumping in cesium vapour in a micrometric thickness optical cell. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 175004.	1.5	8
1612	Electromagnetically induced transparency-assisted four-wave mixing process in the diamond-type four-level atomic system. Optical Materials, 2014, 37, 724-726.	3.6	12
1613	Phase control of group-velocity-based biexciton coherence in a multiple quantum well nanostructure. Chinese Physics B, 2014, 23, 104205.	1.4	1
1614	All-optical routing of single photons by a one-atom switch controlled by a single photon. Science, 2014, 345, 903-906.	12.6	351
1615	Slow light based on plasmon-induced transparency in dual-ring resonator-coupled MDM waveguide system. Journal Physics D: Applied Physics, 2014, 47, 205101.	2.8	83
1616	Plasmon induced transparency in a surface plasmon polariton waveguide with a comb line slot and rectangle cavity. Applied Physics Letters, 2014, 104, .	3.3	81
1617	Quantum-dot gain without inversion: Effects of dark plasmon-exciton hybridization. Physical Review B, 2014, 89, .	3.2	40
1618	Observation of electromagnetically induced photonic band gaps in hot two-level atoms. Journal of Modern Optics, 2014, 61, 898-903.	1.3	2
1619	Single-Photon Transistor Mediated by Interstate Rydberg Interactions. Physical Review Letters, 2014, 113, 053601.	7.8	270
1620	Electromagnetically induced transparency in a V-type multilevel system of Na vapor. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 1808.	2.1	9
1621	Classical demonstration of frequency-dependent noise ellipse rotation using optomechanically induced transparency. Physical Review A, 2014, 89, .	2.5	16
1622	Tunneling induced dark states and the controllable resonance fluorescence spectrum in quantum dot molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 155503.	1.5	5
1623	Transmission and reflection properties of propagated pulse through defect slab based biexciton coherence. Optics Communications, 2014, 333, 226-231.	2.1	9
1624	Ultranarrow linewidth and high gain of an optical cavity with enhanced self-Kerr nonlinearity in quantum dot molecules. Laser Physics Letters, 2014, 11, 065201.	1.4	17
1625	Tunneling control of cavity linewidth narrowing via quantum interference in triangular quantum dot molecules. Journal of Modern Optics, 2014, 61, 1479-1485.	1.3	7
1626	Single-Photon Transistor Using a Förster Resonance. Physical Review Letters, 2014, 113, 053602.	7.8	239
1627	Controlling the optical bistability and multistability via tunneling-induced and incoherent pumping field in a triple coupled quantum dots at a wavelength of λ = 1.550 μm. Superlattices and Microstructures, 2014, 75, 27-38.	3.1	16
1628	Linear and circular polarized tunable slow light in Bragg-spaced graphene layers. Physica B: Condensed Matter 2014 452 66-70	2.7	1

#	Article	IF	CITATIONS
1629	High-efficiency one-dimensional atom localization via two parallel standing-wave fields. Laser Physics, 2014, 24, 105501.	1.2	11
1630	Raman-induced gratings in atomic media. Optics Letters, 2014, 39, 3223.	3.3	13
1631	Storage and retrieval of Airy light wave packets in a coherent atomic system. Physical Review A, 2014, 90, .	2.5	12
1632	Numerical simulation of adiabatons in electromagnetically induced transparency under quasi-resonance conditions. Quantum Electronics, 2014, 44, 122-129.	1.0	0
1633	Analysis of electromagnetically induced transparency-based quantum dot infrared photodetectors. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 2121.	2.1	8
1634	Optical bistability and multistability in polaritonic materials doped with nanoparticles. Laser Physics Letters, 2014, 11, 115903.	1.4	16
1635	Quantum Nonlinear Optics with Polar J-Aggregates in Microcavities. Journal of Physical Chemistry Letters, 2014, 5, 3708-3715.	4.6	34
1636	Spontaneous decay of an atom excited in a dense and disordered atomic ensemble: Quantum microscopic approach. Physical Review A, 2014, 90, .	2.5	45
1637	Environment-assisted quantum control of a solid-state spin via coherent dark states. Nature Physics, 2014, 10, 725-730.	16.7	71
1638	Coherent perfect absorption, transmission, and synthesis in a double-cavity optomechanical system. Optics Express, 2014, 22, 4886.	3.4	68
1639	Quantum nonlinear optics—Âphoton by photon. Nature Photonics, 2014, 8, 685-694.	31.4	539
1640	Two-dimensional localization effect via spatial-dependent quantum interference in an asymmetric double quantum dot nanostructure. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 565.	2.1	8
1641	Single-Photon Switch Based on Rydberg Blockade. Physical Review Letters, 2014, 112, 073901.	7.8	214
1642	Superluminal surface polaritonic solitons at weak light level via coherent population oscillation. Physical Review A, 2014, 89, .	2.5	9
1643	Propagation of two short laser pulse trains in a \hat{b} -type three-level medium under conditions of electromagnetically induced transparency. Optics Communications, 2014, 332, 59-69.	2.1	13
1644	Quantum model of coupled intersubband plasmons. Physical Review B, 2014, 90, .	3.2	27
1645	Efficient entanglement purification via quantum communication bus. Quantum Information Processing, 2014, 13, 1397-1412.	2.2	4
1646	Spatial quasi-periodic oscillations of the refractive index in an optically dense medium with a closed excitation contour. Journal of Experimental and Theoretical Physics, 2014, 118, 569-579.	0.9	8

#	Article	IF	CITATIONS
1647	Electromagnetically induced transparency in a two-dimensional quantum dot: Effects of impurity, external fields, hydrostatic pressure and temperature. Physica E: Low-Dimensional Systems and Nanostructures, 2014, 62, 104-110.	2.7	32
1648	Observation of dark states in a superconductor diamond quantum hybrid system. Nature Communications, 2014, 5, 3424.	12.8	44
1649	Cross Modulation of Two Laser Beams at the Individual-Photon Level. Physical Review Letters, 2014, 113, 113603.	7.8	8
1650	Entanglement, quantum statistics and squeezing of two <i>Ĵž</i> -type three-level atoms interacting nonlinearly with a single-mode field. Physica Scripta, 2014, 89, 075101.	2.5	45
1651	Broadband Rydberg Atom-Based Electric-Field Probe for SI-Traceable, Self-Calibrated Measurements. IEEE Transactions on Antennas and Propagation, 2014, 62, 6169-6182.	5.1	249
1652	Optical properties of an inhomogeneously broadened Ĵ›V-system with multiple excited states. Journal of Modern Optics, 2014, 61, 1339-1347.	1.3	9
1653	Superradiant absorption in multiple optical nanoresonators. Physical Review B, 2014, 89, .	3.2	8
1654	Dual-mode electromagnetically induced transparency and slow light in a terahertz metamaterial. Optics Letters, 2014, 39, 3539.	3.3	72
1655	Effect of light polarization on the electromagnetically induced transparency and birefringence in a cylindrical quantum dot with spin–orbit interaction. Superlattices and Microstructures, 2014, 71, 82-92.	3.1	13
1656	Propagation dynamic of a Gaussian in the inverted nonlinear photonic crystals. Optik, 2014, 125, 4088-4091.	2.9	3
1657	Tunable white light cavity induced by interacting dark resonances. Optics Communications, 2014, 313, 416-420.	2.1	10
1658	How to measure diffusional decoherence in multimode rubidium vapor memories?. Optics Communications, 2014, 317, 1-6.	2.1	12
1659	Generation and entanglement concentration for electron-spin entangled cluster states using charged quantum dots in optical microcavities. Optics Communications, 2014, 322, 32-39.	2.1	11
1660	Phase control of optical bistability based biexciton coherence in a quantum dot nanostructure. Physica B: Condensed Matter, 2014, 440, 124-129.	2.7	32
1661	Efficient two-dimensional atom localization in a four-level atomic system beyond weak-probe approximation. Optics Communications, 2014, 313, 263-269.	2.1	50
1662	Propagation of the phase pulses of bichromatic radiation under the electromagnetically induced transparency conditions. Laser Physics Letters, 2014, 11, 085402.	1.4	3
1663	Light propagation through atomic vapours. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 093001.	1.5	13
1664	Plasmonic nanoparticles: fabrication, simulation and experiments. Journal Physics D: Applied Physics, 2014, 47, 213001.	2.8	81

#	Article	IF	CITATIONS
1666	Ultrafast GaN/AlN modulator based on quantum dot for terabit all-optical communication. Optik, 2014, 125, 3844-3851.	2.9	11
1667	Electromagnetically Induced Transparency in an Entangled Medium. Physical Review Letters, 2014, 112, 243601.	7.8	55
1668	- From Classical to Quantum Optics. , 2014, , 56-91.		1
1669	Effects of polarization mode coupling and superposition in a whispering-gallery microresonator. , 2014, , .		2
1670	Effect of Fano Resonance in photovoltaic. Coherent Optical Phenomena, 2014, 2, .	0.2	0
1671	Detection of rotation using slow light with angular momentum. Proceedings of SPIE, 2014, , .	0.8	1
1672	Amplification via electromagnetically induced transparency in the dressed atom basis. Journal of Physics: Conference Series, 2014, 488, 122008.	0.4	0
1673	Chapter 3: Cooling Techniques for Trapped Ions. , 2014, , 43-81.		7
1674	Emission spectrum for a multi-photon Ξ-type three-level atom driven by a binomial field with nonlinearities. Canadian Journal of Physics, 2015, 93, 1375-1381.	1.1	3
1675	An actively ultrafast tunable giant slow-light effect in ultrathin nonlinear metasurfaces. Light: Science and Applications, 2015, 4, e302-e302.	16.6	56
1676	Parametrical amplification induced nonreciprocity in photonic band gaps. RSC Advances, 2015, 5, 77372-77379.	3.6	2
1677	Atom-based RF electric field measurements: An initial investigation of the measurement uncertainties. , 2015, , .		6
1678	Vacuum induced transparency and slow light phenomena in a two-level atomic ensemble controlled by a cavity. Chinese Physics B, 2015, 24, 094205.	1.4	1
1679	Surface Plasmon Enhanced Sensitive Detection for Possible Signature of Majorana Fermions via a Hybrid Semiconductor Quantum Dot-Metal Nanoparticle System. Scientific Reports, 2015, 5, 13518.	3.3	12
1680	Electromagnetically induced transparency resonances inverted in magnetic field. Journal of Experimental and Theoretical Physics, 2015, 121, 966-975.	0.9	14
1681	Excess optical quantum noise in atomic sensors. Physical Review A, 2015, 91, .	2.5	12
1682	Evaluation of optical probe signals from nonequilibrium systems. Physical Review A, 2015, 91, .	2.5	2
1683	Modulation of single-photon-level wave packets with two-component electromagnetically induced transparency. Physical Review A, 2015, 91, .	2.5	16

#	ARTICLE Autler-Townes splitting via frequency up-conversion at ultralow-power levels in cold <mml:math< th=""><th>IF</th><th>CITATIONS</th></mml:math<>	IF	CITATIONS
1684	xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:mmultiscripts> <mml:mi mathvariant="normal">Rb <mml:mprescripts></mml:mprescripts> <mml:none /> <mml:mrow> <mml:mn>87</mml:mn> </mml:mrow> </mml:none </mml:mi </mml:mmultiscripts> atoms using an optical nanofiber. Physical Review A, 2015, 91, .	2.5	24
1685	Resolution of hyperfine transitions in metastableKr83using electromagnetically induced transparency. Physical Review A, 2015, 91, .	2.5	6
1686	Quantum theory for pulse propagation in electromagnetically-induced-transparency media beyond the adiabatic approximation. Physical Review A, 2015, 91, .	2.5	10
1687	Lossless Kerr-phase gate in a quantum-well system via tunneling interference effect for weak fields. Physical Review A, 2015, 91, .	2.5	3
1688	Three-photon coherence in a ladder-type atomic system. Physical Review A, 2015, 92, .	2.5	10
1689	Entanglement generation by dissipation in or beyond dark resonances. Physical Review A, 2015, 92, .	2.5	27
1690	Dark-state cooling of a trapped ion using microwave coupling. Physical Review A, 2015, 92, .	2.5	8
1691	Electromagnetically-induced-transparency-related phenomena and their mechanical analogs. Physical Review A, 2015, 92, .	2.5	38
1692	Suppression of stimulated Raman scattering by an electromagnetically-induced-transparency–like scheme and its application for super-resolution microscopy. Physical Review A, 2015, 92, .	2.5	15
1693	Pulse splitting in light propagation through <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>N</mml:mi>-type atomic media due to an interplay of Kerr nonlinearity and group-velocity dispersion. Physical Review A, 2015, 92</mml:math 	2.5	8
1694	Tunable fast and slow light in a hybrid optomechanical system. Physical Review A, 2015, 92, .	2.5	105
1695	Long-range quantum gate via Rydberg states of atoms in a thermal microwave cavity. Physical Review A, 2015, 92, .	2.5	29
1696	Enhanced nonlinear optics in coupled optical microcavities with an unbroken and broken parity-time symmetry. Physical Review A, 2015, 92, .	2.5	28
1697	Driving Rabi oscillations at the giant dipole resonance in xenon. Physical Review A, 2015, 92, .	2.5	8
1698	Time-dependent phase shift of a retrieved pulse in off-resonant electromagnetically-induced-transparency–based light storage. Physical Review A, 2015, 92, .	2.5	1
1699	Narrow dip inside a natural linewidth absorption profile in a system of two atoms. Physical Review A, 2015, 92, .	2.5	5
1700	Lensing effect of electromagnetically induced transparency involving a Rydberg state. Physical Review A, 2015, 92, .	2.5	16
1701	Implementation of Electromagnetically Induced Transparency in a Metamaterial Controlled with Auxiliary Waves. Physical Review Applied, 2015, 4, .	3.8	17

#	Article	IF	CITATIONS
1702	Effect of Vapor-Cell Geometry on Rydberg-Atom-Based Measurements of Radio-Frequency Electric Fields. Physical Review Applied, 2015, 4, .	3.8	91
1703	Theory and experiment on cavity magnon-polariton in the one-dimensional configuration. Physical Review B, 2015, 92, .	3.2	65
1704	Slow light in semiconductor quantum dots: Effects of non-Markovianity and correlation of dephasing reservoirs. Physical Review B, 2015, 92, .	3.2	8
1705	All-Optical Preparation of Coherent Dark States of a Single Rare Earth Ion Spin in a Crystal. Physical Review Letters, 2015, 115, 093602.	7.8	45
1706	Operating Spin Echo in the Quantum Regime for an Atomic-Ensemble Quantum Memory. Physical Review Letters, 2015, 115, 133002.	7.8	23
1707	Tunable Broadband Transparency of Macroscopic Quantum Superconducting Metamaterials. Physical Review X, 2015, 5, .	8.9	29
1708	Cavity with Iron Nuclei Slows Down X Rays. Physics Magazine, 2015, 8, .	0.1	0
1709	Localization of atomic excitation beyond the diffraction limit using electromagnetically induced transparency. Physical Review A, 2015, 92, .	2.5	15
1710	Electromagnetically-induced-transparency–like phenomenon with resonant meta-atoms in a cavity. Physical Review A, 2015, 92, .	2.5	13
1711	Dynamically induced two-color nonreciprocity in a tripod system of a moving atomic lattice. Physical Review A, 2015, 92, .	2.5	16
1712	Resonance retrieval of stored coherence in an rf-optical double-resonance experiment. Physical Review A, 2015, 92, .	2.5	2
1713	Polarization-selective optical nonlinearities in cold Rydberg atoms. Physical Review A, 2015, 92, .	2.5	6
1714	Coulomb Bound States of Strongly Interacting Photons. Physical Review Letters, 2015, 115, 123601.	7.8	55
1715	Impact of Substrate and Bright Resonances on Group Velocity in Metamaterial without Dark Resonator. Scientific Reports, 2015, 5, 14373.	3.3	26
1716	Electromagnetically Induced Entanglement. Scientific Reports, 2015, 5, 13609.	3.3	19
1717	Dephasing-Induced Control of Interference Nature in Three-Level Electromagnetically Induced Tansparency Systems. Scientific Reports, 2015, 5, 16370.	3.3	8
1718	Electromagnetically Induced Self-Imaging in Four-Level Doppler Broadening Medium. Chinese Physics Letters, 2015, 32, 094203.	3.3	2
1719	Atom based RF electric field sensing. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 202001.	1.5	216

#	Article	IF	Citations
1720	Acoustically induced transparency using Fano resonant periodic arrays. Journal of Applied Physics, 2015, 118, .	2.5	43
1721	Giant Kerr nonlinearity and low-power gigahertz solitons via plasmon-induced transparency. Scientific Reports, 2015, 5, 13780.	3.3	23
1722	Mode coupling in terahertz metamaterials using sub-radiative and super-radiative resonators. Journal of Applied Physics, 2015, 118, 193104.	2.5	5
1723	Plasmon-Induced Transparency by Hybridizing Concentric-Twisted Double Split Ring Resonators. Scientific Reports, 2015, 5, 15735.	3.3	56
1724	Image routing via atomic spin coherence. Scientific Reports, 2015, 5, 18179.	3.3	2
1725	A mirrorless spinwave resonator. Scientific Reports, 2015, 5, 17633.	3.3	6
1726	Vacuum-induced suppression and enhancement of four-wave mixing in an optical cavity. Applied Physics B: Lasers and Optics, 2015, 120, 765-771.	2.2	1
1727	Quantum dynamics of propagating photons with strong interactions: a generalized input–output formalism. New Journal of Physics, 2015, 17, 113001.	2.9	129
1728	Density-dependent modifications of the transition spectrum of an atom located inside cold atomic ensemble. Journal of Physics: Conference Series, 2015, 594, 012047.	0.4	1
1729	Vortex-based all-optical manipulation of stored light at low light levels. Optics Express, 2015, 23, 29808.	3.4	7
1730	2D spatial distribution of probe absorption in a triple semiconductor quantum well nanostructure. Laser Physics Letters, 2015, 12, 105201.	1.4	4
1731	Population dynamics of excited atoms in non-Markovian environments at zero and finite temperature. Chinese Physics B, 2015, 24, 080304.	1.4	3
1732	Coherent interactions in nonlinear multilevel media. Journal of Physics: Conference Series, 2015, 574, 012042.	0.4	0
1733	Kramers–Kronig relation in a Doppler-broadened ĥ-type three-level system. Chinese Physics B, 2015, 24, 114205.	1.4	2
1734	Crossover between electromagnetically induced transparency and Autler–Townes splitting with dispersion. Chinese Physics B, 2015, 24, 094204.	1.4	4
1735	Coherent control of optical bistability and multistability in a triple semiconductor quantum well nanostructure. JETP Letters, 2015, 102, 496-502.	1.4	1
1736	Towards nonlinear optics with cold Rydberg atoms inside a hollow core fiber. , 2015, , .		0
1737	Few-photon Nonlinear Optics Using Interacting Rydberg Atoms. , 2015, , .		0

	CHAHON		
# 1738	ARTICLE Cooperative optical trapping in asymmetric plasmon nanocavity arrays. Optics Express, 2015, 23, 31324.	IF 3.4	Citations 9
1739	Duality and bistability in an optomechanical cavity coupled to a Rydberg superatom. Physical Review A, 2015, 91, .	2.5	30
1740	Storage and retrieval of vector optical solitons via double electromagnetically induced transparency. Physical Review A, 2015, 91, .	2.5	25
1741	Reversible storage of a weak light pulse optimized by spontaneously generated coherence. Journal of Modern Optics, 2015, 62, 608-612.	1.3	0
1742	Low-loss metamaterial electromagnetically induced transparency based on electric toroidal dipolar response. Applied Physics Letters, 2015, 106, .	3.3	66
1743	Off-diagonal photonic Lamb shift in reactively coupled waveguide-resonator system. Proceedings of SPIE, 2015, , .	0.8	0
1744	Two-dimensional atom localization via phase-sensitive absorption-gain spectra in five-level hyper inverted-Y atomic systems. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 1070.	2.1	22
1745	Controllable optical response in hybrid opto-electromechanical systems. Chinese Physics B, 2015, 24, 054206.	1.4	6
1746	Tunable Subluminal Propagation of Narrow-band X-Ray Pulses. Physical Review Letters, 2015, 114, 203601.	7.8	58
1747	Plasmon-induced transparency effect in a single circular split-ring core ring resonator side-coupled to a metal-isolator-metal waveguide. Journal of Applied Physics, 2015, 117, 133108.	2.5	5
1749	Anisotropy-Induced Transparency in Optically Dense Media. Radiophysics and Quantum Electronics, 2015, 57, 821-836.	0.5	2
1750	Propagation of a probe pulse inside a Bose–Einstein condensate under conditions of electromagnetically induced transparency. Physica Scripta, 2015, 90, 068008.	2.5	2
1751	Optically controllable terahertz modulator based on electromagnetically-induced-transparency-like effect. Optics Communications, 2015, 353, 83-89.	2.1	45
1752	Atom-mirror entanglement via cavity dissipation. Physical Review A, 2015, 91, .	2.5	9
1753	Switching Electromagnetically Induced Transparency in Reconfigurable Terahertz Metamaterials. Integrated Ferroelectrics, 2015, 161, 45-50.	0.7	1
1754	1. Recent progresses on weak-light nonlinear optics. , 2015, , 1-104.		0
1755	Transient birefringence effects in electromagnetically induced transparency. Quantum Electronics, 2015, 45, 1010-1017.	1.0	5
1756	Efficiency in Multimode Broadband Resonant Quantum Memory. Journal of Russian Laser Research, 2015, 36, 522-533.	0.6	3

#	Article	IF	Citations
1757	Slow, stored, and stationary light for the applications in low-light-level nonlinear optics and quantum memory. , 2015, , .		0
1758	The features of a quantum description of radiation in an optically dense medium. Annals of Physics, 2015, 360, 571-595.	2.8	11
1759	EIT quantum memory with Cs atomic vapor for quantum communication. , 2015, , .		7
1760	Multiple Plasmon-Induced Transparency Responses in a Subwavelength Inclined Ring Resonators System. IEEE Photonics Journal, 2015, 7, 1-7.	2.0	15
1761	Ultrafast optical transistor and router of multi-order fluorescence and spontaneous parametric four-wave mixing in Pr^3+:YSO. Optics Letters, 2015, 40, 4599.	3.3	24
1762	The generation of the double windows of EIT in W-type 4-level cylindrical quantum dot. Optik, 2015, 126, 4612-4620.	2.9	6
1763	Stable High-Dimensional Spatial Optical Solitons and Vortices in an Active Raman Gain Medium. Journal of the Physical Society of Japan, 2015, 84, 054402.	1.6	0
1764	High-Sensitivity Sensing Based on Plasmon-Induced Transparency. IEEE Photonics Journal, 2015, 7, 1-7.	2.0	27
1765	Nonlinear optical selection rule based on valley-exciton locking in monolayer ws2. Light: Science and Applications, 2015, 4, e366-e366.	16.6	99
1766	Influence of the finite linewidth of the laser radiation spectrum on the shape of the coherent population trapping resonance line in an optically dense medium with a buffer gas. Journal of Experimental and Theoretical Physics, 2015, 121, 758-769.	0.9	13
1767	Four-level <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="sans-serif">N</mml:mi </mml:math> -scheme crossover resonances in Rb saturation spectroscopy in magnetic fields. Physical Review A, 2015, 92, .	2.5	27
1768	Manipulating Frequency-Bin Entangled States in Cold Atoms. Scientific Reports, 2015, 4, 3941.	3.3	9
1769	Probing the topological properties of the Jackiw-Rebbi model with light. Scientific Reports, 2014, 4, 6110.	3.3	17
1770	Storage and retrieval of (3 + 1)-dimensional weak-light bullets and vortices in a coherent atomic gas. Scientific Reports, 2015, 5, 8211.	3.3	19
1771	Slow light by hybridized concentric-twisted double split ring resonators and THz application. , 2015, , .		0
1772	Transmission and reflection spectra of a Raman induced grating in atomic media. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2015, 119, 770-775.	0.6	0
1773	The electronic properties of mixed valence hydrated europium chloride thin film. Physical Chemistry Chemical Physics, 2015, 17, 18403-18412.	2.8	12
1774	Cavity-based quantum networks with single atoms and optical photons. Reviews of Modern Physics, 2015, 87, 1379-1418.	45.6	632

#	Article	IF	CITATIONS
1775	Coherent population effect in a ĥ-configuration atom driven by two trains of ultrashort pulses. Modern Physics Letters B, 2015, 29, 1550048.	1.9	0
1776	Tunable Electromagnetically Induced Transparency in Plasmonic System and Its Application in Nanosensor and Spectral Splitting. IEEE Photonics Journal, 2015, 7, 1-8.	2.0	19
1777	Electromagnetically induced absorption and electromagnetically induced transparency for optical transitions F g → F e in the field of elliptically polarized waves. Journal of Experimental and Theoretical Physics, 2015, 121, 934-949.	0.9	22
1778	Broadband plasmon-induced transparency in terahertz metamaterials via constructive interference of electric and magnetic couplings. Optics Express, 2015, 23, 27361.	3.4	52
1779	Propagation of the light phase pulses in atomic Λ-type medium under EIT conditions. , 2015, ,		0
1780	Plasmonic-induced transparency based on plasmonic asymmetric dual side-coupled cavities. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 581-584.	2.1	17
1781	Electromagnetically induced transparency with Laguerre–Gaussian modes in ultracold rubidium. Optics Communications, 2015, 339, 209-215.	2.1	27
1782	Spectral Splitting Based on Electromagnetically Induced Transparency in Plasmonic Waveguide Resonator System. Plasmonics, 2015, 10, 721-727.	3.4	56
1783	Electromagnetically induced transparency in a Y system with single Rydberg state. Optics Communications, 2015, 345, 6-12.	2.1	7
1784	Pulse propagation, population transfer, and light storage in five-level media. Physical Review A, 2015, 91, .	2.5	13
1785	High-contrast dark resonances on the <i>D</i> ₁ line in cesium nanocell: the advantages compared with the other alkali <i>D</i> lines. Journal of Modern Optics, 2015, 62, 769-777.	1.3	13
1786	Phase Control of Electromagnetically Induced Grating in a Doppler-Broadened Λ-Type Three-Level System. International Journal of Theoretical Physics, 2015, 54, 2354-2361.	1.2	1
1787	Transient development of Zeeman electromagnetically induced transparency during propagation of Raman–Ramsey pulses through Rb buffer gas cell. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 045501.	1.5	10
1788	Collective Dark States Controlled Transmission in Plasmonic Slot Waveguide with a Stub Coupled to a Cavity Dimer. Plasmonics, 2015, 10, 1057-1062.	3.4	7
1789	Entanglement transfer from two-mode squeezed vacuum light to spatially separated mechanical oscillators via dissipative optomechanical coupling. Science China: Physics, Mechanics and Astronomy, 2015, 58, 1-8.	5.1	9
1790	Review of cavity optomechanics in the weak-coupling regime: from linearization to intrinsic nonlinear interactions. Science China: Physics, Mechanics and Astronomy, 2015, 58, 1-13.	5.1	97
1791	Tunneling induced transparency and giant Kerr nonlinearity in multiple quantum dot molecules. Physica E: Low-Dimensional Systems and Nanostructures, 2015, 69, 349-353.	2.7	15
1792	Tunable high-order photonic band gaps of ultraviolet light in cold atoms. Physical Review A, 2015, 91, .	2.5	13

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CHAHON RE	PURI

#	Article	IF	CITATIONS
1793	Optomechanically induced transparency associated with steady-state entanglement. Physical Review A, 2015, 91, .	2.5	23
1794	Transient absorption and lasing without inversion in an artificial molecule via Josephson coupling energy. Laser Physics Letters, 2015, 12, 035201.	1.4	11
1795	Non-reciprocal Brillouin scattering induced transparency. Nature Physics, 2015, 11, 275-280.	16.7	298
1796	Phase control of stationary light pulses due to a weak microwave coupling. Optics Communications, 2015, 343, 183-187.	2.1	4
1797	Coupler-free transition from light to surface plasmon polariton. Physical Review A, 2015, 91, .	2.5	13
1798	A universal quantum information processor for scalable quantum communication and networks. Scientific Reports, 2014, 4, 6629.	3.3	13
1799	Simultaneous Enhancement of Bandwidth and Group Index of Slow Light via Metamaterial Induced Transparency With Double Bright Resonators. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 295-300.	2.9	4
1800	A quintuple quantum dot system for electrical and optical control of multi/bistability in a telecommunication window. Laser Physics Letters, 2015, 12, 025201.	1.4	10
1801	Artificial magnetic field induced by an evanescent wave. Scientific Reports, 2015, 5, 7672.	3.3	8
1802	Simultaneous Quantum Transmission and Teleportation of Unknown Photons Using Intra- and Inter-particle Entanglement Controlled-NOT Gates via Cross-Kerr Nonlinearity and P-Homodyne Measurements. International Journal of Theoretical Physics, 2015, 54, 2261-2277.	1.2	13
1803	Comparison of electromagnetically induced transparency in lambda, cascade and vee three-level systems. Journal of Modern Optics, 2015, 62, 166-174.	1.3	17
1804	Ultrafast optical control of group delay of narrow-band terahertz waves. Scientific Reports, 2014, 4, 4346.	3.3	76
1805	Steering, splitting, and cloning of an optical beam in a coherently driven Raman gain system. Physical Review A, 2015, 91, .	2.5	17
1806	Controlling optical bistability of acceptor and donor quantum dots embedded in a nonlinear photonic crystal. Laser Physics Letters, 2015, 12, 046004.	1.4	20
1807	Plasmonic-induced transparency and unidirectional control based on the waveguide structure with quadrant ring resonators. Applied Physics Express, 2015, 8, 032202.	2.4	33
1808	Rare Earth-Doped Crystals for Quantum Information Processing. Fundamental Theories of Physics, 2015, 46, 1-78.	0.3	35
1809	Negative refraction and photonic-crystal optics in a cold gas. Physical Review A, 2015, 91, .	2.5	4
1810	Role of incoherent pumping and Er ³⁺ ion concentration on subluminal and superluminal light propagation in Er ³⁺ -doped YAG crystal. Chinese Physics B. 2015, 24, 014204.	1.4	8

#	Article	IF	CITATIONS
1811	Transition from Autler–Townes splitting to electromagnetically induced transparency based on the dynamics of decaying dressed states. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 055003.	1.5	17
1812	Macroscopic effects in electromagnetically-induced transparency in a Doppler-broadened system. Chinese Physics B, 2015, 24, 014205.	1.4	1
1813	Superluminal optical vector solitons in a five-level M-type atomic system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 065501.	1.5	5
1814	Electromagnetically induced transparency and tunable fano resonances in hybrid optomechanics. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 065502.	1.5	68
1816	Coherent Population Trapping, Nuclear Spin Cooling, and Lévy Flights in Solid-State Atom-Like Systems. Advances in Atomic, Molecular and Optical Physics, 2015, 64, 273-327.	2.3	1
1817	Optomechanically induced transparency in the presence of an external time-harmonic-driving force. Scientific Reports, 2015, 5, 11278.	3.3	58
1818	Analytical populations of a multilevel atom in a weak linearly-polarized light. Optik, 2015, 126, 2264-2268.	2.9	0
1819	Tunable control of electromagnetically induced transparency analogue in a compact graphene-based waveguide. Optics Letters, 2015, 40, 2325.	3.3	66
1820	Controllable cavity linewidth narrowing via spontaneously generated coherence in a four level atomic system. Optics Communications, 2015, 356, 155-160.	2.1	6
1821	EIT line shape in an open and partially closed multilevel V-type system. Optik, 2015, 126, 2711-2717.	2.9	11
1822	Robust coherent superposition of states by single-shot shaped pulse. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 174007.	1.5	8
1823	Collective effects between multiple nuclear ensembles in an x-ray cavity-QED setup. Physical Review A, 2015, 91, .	2.5	21
1824	Analogue of electromagnetically induced transparency with modulatable transmission. Electronics Letters, 2015, 51, 1132-1134.	1.0	4
1825	Two-dimensional probe absorption spectrum in a semiconductor quantum well. Physica E: Low-Dimensional Systems and Nanostructures, 2015, 74, 20-24.	2.7	0
1826	Cavity linewidth engineering from tunneling induced transparency to Autler–Towns splitting. Optics Communications, 2015, 338, 560-564.	2.1	2
1827	Phase-dependent optical response properties in an optomechanical system by coherently driving the mechanical resonator. Physical Review A, 2015, 91, .	2.5	85
1828	Highly Retrievable Spin-Wave–Photon Entanglement Source. Physical Review Letters, 2015, 114, 210501.	7.8	36
1829	Coupled cavities for motional ground-state cooling and strong optomechanical coupling. Physical Review A, 2015, 91, .	2.5	91

		CITATION REPORT		
#	Article		IF	CITATIONS
1830	Dark bogolon-excitons in a linear atomic super-lattice. New Journal of Physics, 2015, 17	', 023053.	2.9	0
1831	Multiple frequency conversion via atomic spin coherence of storing a light pulse. Chine 2015, 24, 064205.	se Physics B,	1.4	1
1832	Fractional quantum Hall states of Rydberg polaritons. Physical Review A, 2015, 91, .		2.5	42
1833	An Analog of electrically induced transparency via surface delocalized modes. Scientific 2015, 5, 12251.	Reports,	3.3	4
1834	Observation of electromagnetically induced transparency in six-level Rb atoms and the simulation of the observed spectra. Journal of Physics B: Atomic, Molecular and Optical 48, 175503.	oretical Physics, 2015,	1.5	13
1835	Waveguide-coupled surface plasmon resonance sensor structures: Fano lineshape engi ultrahigh-resolution sensing. Journal Physics D: Applied Physics, 2015, 48, 325303.	neering for	2.8	81
1836	Precision measurement of the environmental temperature by tunable double optomech induced transparency with a squeezed field. Physical Review A, 2015, 91, .	nanically	2.5	91
1837	Parity-time-antisymmetric atomic lattices without gain. Physical Review A, 2015, 91, .		2.5	60
1838	Dynamically configurable hybridization of plasmon modes in nanoring dimer arrays. Na 7, 12018-12022.	noscale, 2015,	5.6	32
1839	Nonlinear modifications of photon correlations via controlled single and double Rydber Physical Review A, 2015, 91, .	g blockade.	2.5	28
1840	Slowing the probe field in the second window of double-double electromagnetically inc transparency. Physical Review A, 2015, 91, .	luced	2.5	18
1841	Electromagnetically induced transparency for guided light in an atomic array outside an nanofiber. Physical Review A, 2015, 91, .	n optical	2.5	25
1842	Relationship between electromagnetically-induced transparency and Autler–Townes Doppler-broadened system. Chinese Physics B, 2015, 24, 074203.	splitting in a	1.4	1
1843	Electromagnetically induced transparency of a single-photon in dipole-coupled one-dim atomic clouds. New Journal of Physics, 2015, 17, 033007.	ensional	2.9	14
1844	Fast thermometry for trapped ions using dark resonances. New Journal of Physics, 201	5, 17, 045004.	2.9	28
1845	Three-pathway electromagnetically induced transparency in coupled-cavity optomecha Optics Express, 2015, 23, 11508.	nical system.	3.4	64
1846	Bidirectional quantum teleportation of unknown photons using path-polarization intra- hybrid entanglement and controlled-unitary gates via cross-Kerr nonlinearity. Chinese P 24, 050304.	particle hysics B, 2015,	1.4	20
1847	State-selective all-optical detection of Rydberg atoms. Physical Review A, 2015, 91, .		2.5	9

ARTICLE IF CITATIONS # Tunable slow and fast light in an atom-assisted optomechanical system. Optics Communications, 2015, 1848 2.1 49 338, 569-573. Electromagnetically induced transparency in a planar complementary metamaterial and its sensing performance. Optik, 2015, 126, 541-544. 1849 Destructive and constructive interference in the coherently driven three-level systems. Journal of 1850 9 1.3 Modern Optics, 2015, 62, 1091-1097. Quantum controlled-phase-flip gate between a flying optical photon and a Rydberg atomic ensemble. Scientific Reports, 2015, 5, 10005. Demonstration of a Memory for Tightly Guided Light in an Optical Nanofiber. Physical Review Letters, 1852 7.8 132 2015, 114, 180503. Double optomechanical transparency with direct mechanical interaction. Chinese Physics B, 2015, 24, 1.4 054205. Conversion between electromagnetically induced absorption and transparency in a four-level system. 1854 1 ,2015,,. Short probe pulse electromagnetically induced transparency., 2015, , . 1855 Coherent control of light transport in a dense and disordered atomic ensemble. Physical Review A, 1856 2.5 8 2015, 91, . Electromagnetically induced transparency with large delay-bandwidth product induced by magnetic 3.3 49 resonance near field coupling to electric resonance. Applied Physics Letters, 2015, 106, Effect of laser phase noise on the fidelity of optomechanical quantum memory. Physical Review A, 1858 2.5 6 2015,91,. Spectral features of electromagnetically induced absorption in⁸⁵Rb atoms. Journal of 1.5 Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 115502. Optical bistability in triple quantum dot molecules in weak tunneling regime. Superlattices and 1860 3.1 10 Microstructures, 2015, 84, 45-53. Proof of principle experiment on minimizing propagation time in optical communications. Proceedings 0.8 of SPIE, 2015, , . Multi-mode Plasmonically Induced Transparency in Dual Coupled Graphene-Integrated Ring 1862 23 3.4 Resonators. Plasmonics, 2015, 10, 1409-1415. Magnetically induced forward scattering at visible wavelengths in silicon nanosphere oligomers. 1863 12.8 95 Nature Communications, 2015, 6, 7042 Coexistence of three-wave, four-wave, and five-wave mixing processes in a superconducting artificial 1864 3.34 atom. Optics Letters, 2015, 40, 1133. Interfacing microwave qubits and optical photons via spin ensembles. Physical Review A, 2015, 91, . 44

#	Article	IF	CITATIONS
1866	Quantum technologies with hybrid systems. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3866-3873.	7.1	568
1867	Hanle electromagnetically induced absorption in open \${{F}_{{m g}}o {{F}_{{m e}}leqslant {{F}_{{m g}}} transitions of the87RbD2line. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 085501.	1.5	17
1868	High Efficiency Four-Wave Mixing with Relaxation Coupling of Longitude-Optical Phonons in Semiconductor Quantum Wells*. Communications in Theoretical Physics, 2015, 63, 599-604.	2.5	4
1869	Transverse Optical Properties of the Eu ³⁺ :Y ₂ SiO ₅ Crystal in Electromagnetically Induced Transparency. Chinese Physics Letters, 2015, 32, 064210.	3.3	1
1870	Storage and retrieval of vector beams of light in a multiple-degree-of-freedom quantum memory. Nature Communications, 2015, 6, 7706.	12.8	214
1871	Diffraction manipulation by four-wave mixing. Optics Express, 2015, 23, 6379.	3.4	2
1872	Dressed-state realization of the transition from electromagnetically induced transparency to Autler-Townes splitting in superconducting circuits. Optics Express, 2015, 23, 9844.	3.4	13
1873	Electromagnetically induced absorption in a nondegenerate three-level ladder system. Optics Letters, 2015, 40, 4289.	3.3	37
1874	Tunneling-induced giant Goos–HÃ ¤ chen shift in quantum wells. Optics Letters, 2015, 40, 3133.	3.3	51
1875	Multi-band near-perfect absorption via the resonance excitation of dark meta-molecules. Optics Communications, 2015, 356, 362-367.	2.1	13
1876	Circular-polarization-dependent mode hybridization and slow light in vertically coupled planar chiral and achiral plasmonic nanostructures. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 2088.	2.1	2
1877	Electronically controlled plasmonic switch using a nanomechanical oscillator and metallic nanoparticle hybrid system. Laser Physics Letters, 2015, 12, 105202.	1.4	1
1878	Effective Medium-Based Plasmonic Waveguides for Tailoring Dispersion. IEEE Photonics Technology Letters, 2015, 27, 1965-1968.	2.5	3
1879	Dressed intensity noise correlation and intensity-difference squeezing of spontaneous parametric four-wave mixing process in a Pr^3+:YSO crystal. Optics Express, 2015, 23, 17828.	3.4	2
1880	Storage of fiber-guided light in a nanofiber-trapped ensemble of cold atoms. Optica, 2015, 2, 353.	9.3	97
1881	Preservation of transverse spatial coherence in the storage of double light pulses. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 1318.	2.1	2
1882	Multiphoton-process-induced coherence effects in a dissipative quantum system. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 2178.	2.1	3
1883	The gain amplification via spontaneously generated coherence with incoherent pump field: A comparison of optical properties between open and closed four level systems. Optik, 2015, 126, 5182-5187.	2.9	2

#	Article	IF	CITATIONS
1884	Laser cooling of doped crystals by methods of coherent pumping. Proceedings of SPIE, 2015, , .	0.8	3
1885	All-optical coherent population trapping with defect spin ensembles in silicon carbide. Scientific Reports, 2015, 5, 10931.	3.3	28
1886	Quantum resonances by sequential pulsed excitation with pulse repetition rate at fractional atomic frequencies. Physical Review A, 2015, 91, .	2.5	1
1887	Light shifts in a pulsed cold-atom coherent-population-trapping clock. Physical Review A, 2015, 91, .	2.5	35
1888	Magnetic metamaterial analog of electromagnetically induced transparency and absorption. Journal of Applied Physics, 2015, 117, .	2.5	46
1889	Tunable plasmonically induced transparency with unsymmetrical graphene-ring resonators. Journal of Applied Physics, 2015, 118, 013101.	2.5	22
1890	Tunable double optomechanically induced transparency with quantized fields in an optomechanical system. European Physical Journal D, 2015, 69, 1.	1.3	12
1891	Achievement of Large Normalized Delay Bandwidth Product by Exciting Electromagnetic-Induced Transparency in Plasmonic Waveguide. IEEE Journal of Quantum Electronics, 2015, 51, 1-6.	1.9	18
1892	Self-induced transparency and coherent population trapping of ^87Rb vapor in a mode-locked laser. Optics Letters, 2015, 40, 2146.	3.3	9
1893	Vacuum-induced dressing movement of the multi-wave mixing in a composite atom–cavity system. Optical Materials, 2015, 49, 21-26.	3.6	0
1894	Tunable subwavelength terahertz plasmon-induced transparency in the InSb slot waveguide side-coupled with two stub resonators. Applied Optics, 2015, 54, 3918.	2.1	28
1895	Interference effects on quantum light group velocity in cavity induced transparency. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 194002.	1.5	3
1896	Giant enhanced four-wave mixing efficiency via two-photon resonance in asymmetric quantum wells. Laser Physics Letters, 2015, 12, 095202.	1.4	9
1897	Observation of the nonlinear phase shift due to single post-selected photons. Nature Physics, 2015, 11, 905-909.	16.7	86
1898	Combined theoretical analysis for plasmon-induced transparency in integrated graphene waveguides with direct and indirect couplings. Europhysics Letters, 2015, 111, 34004.	2.0	63
1899	Image information transfer via electromagnetically induced transparency-based slow light. Chinese Physics B, 2015, 24, 074204.	1.4	3
1900	Atom localization in 2D for five-level atomic schemes in X-configuration. Laser Physics, 2015, 25, 095202.	1.2	8
1901	Formation of dark states of atoms near metallic nanoparticles. , 2015, , .		0

#		IF	CITATIONS
1009	Nonseparated states from squeezed dark-state polaritons in electromagnetically induced	0.1	1
1902	transparency media. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 1384.	2.1	1
1903	Two-photon pathway to ultracold ground state molecules of ²³ Na ⁴⁰ K. New Journal of Physics, 2015, 17, 075016.	2.9	38
1904	Plasmonic devices based on the dual coupled graphene-integrated ring resonators. Proceedings of SPIE, 2015, , .	0.8	1
1905	Negative refractive index and acoustic superlens from multiple scattering in single negative metamaterials. Nature, 2015, 525, 77-81.	27.8	476
1906	Coherent pumping for fast laser cooling of doped crystals. Journal of the Optical Society of America B: Optical Physics, 2015, 32, B47.	2.1	9
1907	Polariton states of cavity coupled three-level atoms. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 1208.	2.1	6
1908	Pulse propagation in a medium optically dressed by three fields forming a triangular loop configuration. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 1229.	2.1	6
1909	Study of a four-level system in vee + ladder configuration. Optics Communications, 2015, 356, 510-514.	2.1	21
1910	Modulation of the photonic band structure topology of a honeycomb lattice in an atomic vapor. Annals of Physics, 2015, 363, 114-121.	2.8	5
1911	Detuned square ring resonators for multiple plasmon-induced transparencies in metal–insulator–metal waveguide. Applied Physics Express, 2015, 8, 112201.	2.4	10
1912	Tunable Slow Light Based on Plasmon-Induced Transparency in Dual-Stub-Coupled Waveguide. IEEE Photonics Technology Letters, 2015, 27, 89-92.	2.5	32
1913	Parallel Photonic Quantum Computation Assisted by Quantum Dots in One-Side Optical Microcavities. Scientific Reports, 2014, 4, 5732.	3.3	34
1914	Electromagnetically induced transparency and steady-state propagation characteristics in Doppler broadened diamond systems. Journal of Modern Optics, 2015, 62, 16-26.	1.3	2
1915	Simultaneous squeezing of coherent fields using coherent population trapping. Laser Physics, 2015, 25, 015201.	1.2	5
1916	Electromagnetically Induced Transparency and Autler–Townes Splitting in a Superconducting Quantum Circuit with a Four-Level V-Type Energy Spectrum. Foundations of Physics, 2015, 45, 198-210.	1.3	3
1917	Plasmonic analog of electromagnetically induced transparency in paralleled waveguide resonator systems. Optik, 2015, 126, 168-171.	2.9	2
1918	Parametrically Amplified Bright-state Polariton of Four- and Six-wave Mixing in an Optical Ring Cavity. Scientific Reports, 2015, 4, 3619.	3.3	28
1919	Role of exciton spin relaxation on optical bistability and multistability in a multiple quantum well nanostructure. Optical and Quantum Electronics, 2015, 47, 401-412.	3.3	12

#	Article	IF	Citations
1920	Nonlinear, Tunable and Active Metamaterials. Springer Series in Materials Science, 2015, , .	0.6	49
1921	Propagation dynamics of ultraslow light pulses in a Pr3+: Y2SiO5 crystal. Optics Communications, 2015, 334, 12-15.	2.1	1
1922	Electromagnetically induced transparency in a two-dimensional quantum pseudo-dot system: Effects of geometrical size and external magnetic field. Physica B: Condensed Matter, 2015, 456, 103-107.	2.7	16
1923	Size effects in quantum well nanostructures on propagation of light pulse. Physica B: Condensed Matter, 2015, 456, 129-133.	2.7	7
1924	Electromagnetically Induced Grating via Coherently Driven Four-Level Atoms in a N-Type Configuration. International Journal of Theoretical Physics, 2015, 54, 868-876.	1.2	4
1925	Efficient entanglement purification for Greenberger–Horne–Zeilinger states via the distributed parity-check detector. Optics Communications, 2015, 334, 51-57.	2.1	6
1926	Cavity linewidth narrowing by tunneling induced double dark resonances in triple quantum dot molecules. Optics Communications, 2015, 334, 94-100.	2.1	5
1927	Hyper-parallel photonic quantum computation with coupled quantum dots. Scientific Reports, 2015, 4, 4623.	3.3	140
1928	Intensity and phase sensitivities in metal/dielectric thin film systems exhibiting the coupling of surface plasmon and waveguide modes. Applied Optics, 2016, 55, 8564.	2.1	9
1929	Plasmonic solitons and dromions via plasmon-induced transparency. Journal of Physics: Conference Series, 2016, 752, 012005.	0.4	1
1930	Active Multiple Plasmon-Induced Transparency with Graphene Sheets Resonators in Mid-Infrared Frequencies. Journal of Nanomaterials, 2016, 2016, 1-8.	2.7	5
1931	Soda Cans Metamaterial: A Subwavelength-Scaled Phononic Crystal. Crystals, 2016, 6, 82.	2.2	44
1932	Enhancing optical Kerr nonlinearity by gain-loss balanced feedback loop. , 2016, , .		0
1933	A photon counting and a squeezing measurement method by the exact absorption and dispersion spectrum of $\hat{\mathbf{b}}$ -type Atoms. SpringerPlus, 2016, 5, 1402.	1.2	1
1934	Double Fano resonance in a plasmonic double grating structure. Optics Express, 2016, 24, 22334.	3.4	10
1935	Interacting photon pulses in a Rydberg medium. Optica, 2016, 3, 1095.	9.3	14
1936	Dispersive radio frequency electrometry using Rydberg atoms in a prism-shaped atomic vapor cell. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 104004.	1.5	28
1937	Realization of all-optical switch and diode via Raman gain process using a Kerr field. Laser Physics Letters, 2016, 13, 085204.	1.4	0
	CITATION	Report	
------	--	--------	-----------
#	Article	IF	CITATIONS
1938	Interactions of femtosecond pulses with $\hat{\mathbf{b}}$ -type atoms. Journal of Contemporary Physics, 2016, 51, 22-27.	0.6	0
1939	Optical nanofibres and neutral atoms. Journal of Optics (United Kingdom), 2016, 18, 053001.	2.2	74
1940	Modification and control of coherence effects in the spontaneous emission spectrum of a three-level atom at weak field regime. Laser Physics, 2016, 26, 095202.	1.2	0
1941	Tunable plasmon-induced transparency with graphene-sheet structure. Modern Physics Letters B, 2016, 30, 1650232.	1.9	1
1942	Nonlinear optical susceptibility of EIT systems with a degenerate Rydberg level. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 124003.	1.5	7
1943	Thermally Tunable Absorptionâ€Induced Transparency by a Quasi 3D Bowâ€Tie Nanostructure for Nonplasmonic and Volumetric Refractive Index Sensing at Midâ€IR. Advanced Optical Materials, 2016, 4, 943-952.	7.3	20
1944	Control of microwave signals using bichromatic electromechanically induced transparency in multimode circuit electromechanical systems. Chinese Physics B, 2016, 25, 054204.	1.4	7
1945	Two- and three-mode dressed entanglement multichannel in cavity four-wave mixing of Pr3+: YSO. Laser Physics Letters, 2016, 13, 115701.	1.4	1
1946	Robust population transfer in atomic beams induced by Doppler shifts. Applied Physics B: Lasers and Optics, 2016, 122, 1.	2.2	0
1947	Interaction Enhanced Imaging of Rydberg P states. European Physical Journal: Special Topics, 2016, 225, 2863-2889.	2.6	3
1948	Pulse propagation and optically controllable switch in coupled semiconductor-double-quantum-dot nanostructures. Journal of Applied Physics, 2016, 119, 183104.	2.5	3
1949	Light storage and cavity supermodes in two coupled optomechanical cavities. Physical Review A, 2016, 94, .	2.5	11
1950	Microwave-assisted arbitrary optical-pulse generation in a thermal vapor. Physical Review A, 2016, 94, .	2.5	6
1951	Quantum phase gate based on electromagnetically induced transparency in optical cavities. Physical Review A, 2016, 94, .	2.5	20
1952	Electromagnetically induced transparency and quantum heat engines. Physical Review A, 2016, 94, .	2.5	26
1953	Laser phase spectroscopy in closed-loop multilevel schemes. Applied Physics B: Lasers and Optics, 2016, 122, 1.	2.2	3
1954	Quantum simulation with interacting photons. Journal of Optics (United Kingdom), 2016, 18, 104005.	2.2	183
1955	Tunable, high-sensitive measurement of inter-dot transition via tunneling induced absorption. Applied Physics Letters, 2016, 109, 141101.	3.3	17

#	Article	IF	CITATIONS
1956	Two-dimensional electromagnetically induced grating in coherent atomic medium. Europhysics Letters, 2016, 116, 64006.	2.0	15
1957	Few-body quantum physics with strongly interacting Rydberg polaritons. European Physical Journal: Special Topics, 2016, 225, 2957-2976.	2.6	6
1958	Triple-mode squeezing with dressed six-wave mixing. Scientific Reports, 2016, 6, 25554.	3.3	10
1959	Quantum dynamics of incoherently driven V-type systems: Analytic solutions beyond the secular approximation. Journal of Chemical Physics, 2016, 144, 244108.	3.0	35
1960	Optomechanically tuned electromagnetically induced transparency-like effect in coupled optical microcavities. Applied Physics Letters, 2016, 109, .	3.3	30
1961	Attosecond transient absorption of argon atoms in the vacuum ultraviolet region: line energy shifts versus coherent population transfer. New Journal of Physics, 2016, 18, 013041.	2.9	30
1962	Optical π phase shift created with a single-photon pulse. Science Advances, 2016, 2, e1600036.	10.3	134
1963	Coherent forward scattering ofl ³ -ray and XUV radiation in the medium with the modulated quasi-resonant transition. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 205602.	1.5	5
1964	Correlation spectroscopy in cold atoms: Light sideband resonances in electromagnetically-induced-transparency condition. Physical Review A, 2016, 94, .	2.5	2
1965	Observation of Fano line shapes arising from coupling between surface plasmon polariton and waveguide modes. Applied Physics Letters, 2016, 108, .	3.3	56
1966	High-sensitivity optical Faraday magnetometry with intracavity electromagnetically induced transparency. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 235503.	1.5	10
1967	Perforated hollow-core optical waveguides for on-chip atomic spectroscopy and gas sensing. Applied Physics Letters, 2016, 108, 131105.	3.3	11
1968	Linearly combined optical structures based on SiON. Journal of Applied Physics, 2016, 120, 073101.	2.5	0
1969	Storage efficiency of probe pulses in an electromagnetically-induced-transparency medium. Physical Review A, 2016, 94, .	2.5	9
1970	Charge-induced optical bistability in thermal Rydberg vapor. Physical Review A, 2016, 94, .	2.5	30
1971	Fast all-optical nuclear spin echo technique based on EIT. European Physical Journal D, 2016, 70, 1.	1.3	1
1972	Slow, Stored and Stationary Light. , 2016, , 359-383.		3
1973	Multiplexed sub-Doppler spectroscopy with an optical frequency comb. Physical Review A, 2016, 94, .	2.5	53

#	Article	IF	CITATIONS
1974	Localization of Waves in Merged Lattices. Scientific Reports, 2016, 6, 31620.	3.3	7
1975	Spin-based single-photon transistor, dynamic random access memory, diodes, and routers in semiconductors. Physical Review B, 2016, 94, .	3.2	34
1976	Storing Light with Subradiant Correlations in Arrays of Atoms. Physical Review Letters, 2016, 117, 243601.	7.8	136
1977	Frequency reference for atomic transitions of Rb D2-line based on the effect of selective reflection. Journal of Contemporary Physics, 2016, 51, 312-322.	0.6	3
1978	Optical techniques for Rydberg physics inÂlattice geometries. European Physical Journal: Special Topics, 2016, 225, 2785-2816.	2.6	9
1979	Storage and retrieval of light pulses in a fast-light medium via active Raman gain. Physical Review A, 2016, 94, .	2.5	8
1980	Acoustically induced transparency by using concentric spherical shells with coaxial aperture array. Applied Physics Letters, 2016, 109, .	3.3	7
1981	Dynamically tunable plasmon-induced absorption in resonator-coupled graphene waveguide. Europhysics Letters, 2016, 116, 44004.	2.0	15
1982	Coherent control of the Goos-Hächen shift via Fano interference. Journal of Applied Physics, 2016, 119, 143101.	2.5	11
1983	Gyromagnetically-induced transparency for ferrites. American Journal of Physics, 2016, 84, 279-283.	0.7	3
1984	The effects of control field detuning on the modulation instability in a three-level quantum well system. Journal of Applied Physics, 2016, 119, 213103.	2.5	11
1985	Observing coherence effects in an overdamped quantum system. Nature Communications, 2016, 7, 13933.	12.8	23
1986	Subwavelength electromagnetics. Frontiers of Optoelectronics, 2016, 9, 138-150.	3.7	7
1987	Two-dimensional electromagnetically induced grating via gain and phase modulation in a two-level system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 085501.	1.5	16
1988	An efficient quantum light–matter interface with sub-second lifetime. Nature Photonics, 2016, 10, 381-384.	31.4	151
1989	Sensing Application in Fano Resonance With T-Shape Structure. Journal of Lightwave Technology, 2016, 34, 3342-3347.	4.6	32
1990	Control of the probe absorption in coupled quantum wells in two dimensions. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	0
1991	Tailored pump-probe transient spectroscopy with time-dependent density-functional theory: controlling absorption spectra. European Physical Journal B, 2016, 89, 1.	1.5	17

#	Article	IF	CITATIONS
1992	Comparison of qubit and qutrit like entangled squeezed and coherent states of light. Optics Communications, 2016, 377, 33-40.	2.1	4
1993	A novel design of plasmon-induced absorption sensor. Applied Physics Express, 2016, 9, 062002.	2.4	26
1994	Tunable double transparency windows induced by single subradiant element in coupled graphene plasmonic nanostructure. Applied Physics Express, 2016, 9, 052001.	2.4	15
1995	Nearly deterministic Fredkin gate based on weak cross-Kerr nonlinearities. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 253.	2.1	18
1996	Theoretical analysis and applications in inverse T-shape structure. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, 811.	1.5	17
1997	Transmission performance of one waveguide and double micro-ring resonator using 3×3 optical fiber coupler. Journal of Modern Optics, 2016, 63, 1726-1733.	1.3	3
1998	Plasmonic Analogue of Electromagnetically Induced Transparency in Detuned Nano-Cavities Coupled to a Waveguide. Lecture Notes in Electrical Engineering, 2016, , 539-544.	0.4	1
1999	Polarization decay of pulses of electromagnetically induced transparency on J=0→J=1→J=2 degenerate quantum transitions. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2016, 120, 311-319.	0.6	1
2000	Comparison of three EIT-type resonances formed in Rb nanocell. Journal of Modern Optics, 2016, 63, 1713-1718.	1.3	2
2001	Cavity quantum interferences with three-level atoms. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 942.	2.1	5
2002	Electromagnetically induced transparency in a spherical quantum dot with hydrogenic impurity in a four level ladder configuration. Optik, 2016, 127, 6351-6357.	2.9	10
2003	Free-space single-photon transistor based on Rydberg interaction. , 2016, , .		1
2004	Birefringence and polarization rotator induced by electromagnetically induced transparency in rare earth ion-doped crystals. Applied Physics B: Lasers and Optics, 2016, 122, 1.	2.2	2
2005	Attosecond optics and technology: progress to date and future prospects [Invited]. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 1081.	2.1	101
2006	Cavity-enhanced frequency up-conversion in rubidium vapor. Optics Letters, 2016, 41, 2177.	3.3	30
2007	Anomalous two-photon spectral features in warm rubidium vapor. Physical Review A, 2016, 94, .	2.5	0
2008	Storage Enhanced Nonlinearities in a Cold Atomic Rydberg Ensemble. Physical Review Letters, 2016, 117, 113001.	7.8	30
2009	Effective Field Theory for Rydberg Polaritons. Physical Review Letters, 2016, 117, 113601.	7.8	35

#	Article	IF	CITATIONS
2010	Influence of self-phase modulation on coherent effects in five-level system. Journal of Contemporary Physics, 2016, 51, 244-249.	0.6	3
2011	Effective Atom–Molecule Conversions Using Radio Frequency Fields. ChemPhysChem, 2016, 17, 3756-3763.	2.1	2
2012	Nonlinear quantum optics mediated by Rydberg interactions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 152003.	1.5	169
2013	Cavity polaritons with Rydberg blockade and long-range interactions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 164006.	1.5	5
2014	Dressed-state electromagnetically induced transparency for light storage in uniform-phase spin waves. Physical Review A, 2016, 94, .	2.5	16
2015	Triplet absorption spectroscopy and electromagnetically induced transparency. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 175502.	1.5	9
2016	Group velocity of light in a three level ladder-type spherical quantum dot with hydrogenic impurity. Superlattices and Microstructures, 2016, 100, 500-507.	3.1	4
2017	Logically combined photonic crystal – A Fabry Perot optical cavity. Photonics and Nanostructures - Fundamentals and Applications, 2016, 22, 29-34.	2.0	0
2018	Spectral shift and dephasing of electromagnetically induced transparency in an interacting Rydberg gas. Physical Review A, 2016, 94, .	2.5	18
2019	Dressing control of three-mode entanglement in two cascaded four-wave mixing. Laser Physics Letters, 2016, 13, 115201.	1.4	2
2020	Two-dimensional atom localization induced by a squeezed vacuum. Chinese Physics B, 2016, 25, 104201.	1.4	3
2021	Optical nuclear spin polarization in quantum dots. Chinese Physics B, 2016, 25, 108506.	1.4	1
2022	Density matrix reconstruction of three-level atoms via Rydberg electromagnetically induced transparency. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 164002.	1.5	12
2023	Autler—Townes Splitting in a Δ-Type Quantum Three-Level System. Chinese Physics Letters, 2016, 33, 074205.	3.3	1
2024	Diffraction Enhanced Transparency and Slow THz Light in Periodic Arrays of Detuned and Displaced Dipoles. ACS Photonics, 2016, 3, 1596-1603.	6.6	36
2025	Two strongly contrasting ĥ-systems in the D 1 line of 87Rb in a transverse magnetic field. Journal of Experimental and Theoretical Physics, 2016, 122, 1002-1007.	0.9	4
2026	Electromagnetically induced cross focusing in a four-level atomic medium. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 1574.	2.1	5
2027	Effective hyper-Raman scattering via inhibiting electromagnetically induced transparency in monolayer graphene under an external magnetic field. Optics Letters, 2016, 41, 2891.	3.3	6

#	Article	IF	CITATIONS
2028	Three-Body Interaction of Rydberg Slow-Light Polaritons. Physical Review Letters, 2016, 117, 053601.	7.8	26
2029	Coherent control of Kerr nonlinearity via double dark resonances. JETP Letters, 2016, 103, 369-379.	1.4	0
2030	Coherent control of group index and magneto-optical anisotropy in a multilevel atomic vapor. Optics Express, 2016, 24, 15494.	3.4	14
2031	Control of light trapping in a large atomic system by a static magnetic field. Physical Review A, 2016, 94, .	2.5	39
2032	Light reflector, amplifier, and splitter based on gain-assisted photonic band gaps. Physical Review A, 2016, 94, .	2.5	12
2033	Strong Coupling of Rydberg Atoms and Surface Phonon Polaritons on Piezoelectric Superlattices. Physical Review Letters, 2016, 117, 103201.	7.8	11
2034	PIT-like effect with high directivity in hybrid plasmonic array. Optics Communications, 2016, 381, 7-9.	2.1	2
2035	Coherent perfect absorption in an electromagnetically induced transparency-like (EIT-like) system. Journal of Optics (United Kingdom), 2016, 18, 095104.	2.2	4
2036	Phase-dependent multiple optomechanically induced absorption in multimode optomechanical systems with mechanical driving. Physical Review A, 2016, 94, .	2.5	30
2037	Plasmonic coupled modes in metal-dielectric multilayer structures: Fano resonance and giant field enhancement. Optics Express, 2016, 24, 20080.	3.4	60
2038	Magneto-induced Fano-like cavity interference in three-dimensional metamaterials. Physica Scripta, 2016, 91, 085501.	2.5	2
2039	Anti-parity–time symmetry with flying atoms. Nature Physics, 2016, 12, 1139-1145.	16.7	298
2040	Enhanced third-order and fifth-order Kerr nonlinearities in a cold atomic system via Rydberg-Rydberg interaction. Optics Express, 2016, 24, 4442.	3.4	48
2041	Highly nonlocal optical nonlinearities in atoms trapped near a waveguide. Optica, 2016, 3, 725.	9.3	51
2042	Tunable Transmission-Line Metamaterials Mimicking Electromagnetically Induced Transparency. Journal of Electronic Materials, 2016, 45, 6038-6042.	2.2	3
2043	Quantum-beat based dissipation for spin squeezing and light entanglement. Optics Express, 2016, 24, 19094.	3.4	5
2044	Photon Molecules in Atomic Gases Trapped Near Photonic Crystal Waveguides. Physical Review X, 2016, 6, .	8.9	39
2045	Laser cooling of a high-temperature oscillator by a three-level system. Physical Review B, 2016, 94, .	3.2	7

		CITATION RE	PORT	
#	Article		IF	CITATIONS
2046	Propagation of light through small clouds of cold interacting atoms. Physical Review A,	2016, 94, .	2.5	11
2047	Tunable Multiple Optomechanically Induced Transparency with Squeezed Fields in an C System. International Journal of Theoretical Physics, 2016, 55, 5385-5392.	ptomechanical	1.2	1
2048	Polarization-Independent Plasmon-Induced Transparency in a Symmetric Metamaterial. Technology Letters, 2016, 28, 2581-2584.	IEEE Photonics	2.5	18
2049	Multispectral plasmon-induced transparency in hyperfine terahertz meta-molecules. Jou Physics Condensed Matter, 2016, 28, 445002.	ırnal of	1.8	17
2050	Electromagnetically induced grating with Rydberg atoms. Physical Review A, 2016, 94,		2.5	51
2051	Phase-sensitive atom localization for closed-loop quantum systems. Physical Review A,	2016, 94, .	2.5	41
2052	Tuneable paired nanoribbons with graphene for single and multiple transparency windo 2016, 127, 9683-9690.	ws. Optik,	2.9	2
2053	Laser pulse propagation in a medium optically dressed by a phase-modulated field. Jour Optical Society of America B: Optical Physics, 2016, 33, 1529.	nal of the	2.1	0
2054	Velocity-selective electromagnetically-induced-transparency measurements of potassiu states. Physical Review A, 2016, 93, .	m Rydberg	2.5	16
2055	Nearly deterministic preparation of the perfect <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>W</mml:mi>weak cross-Kerr nonlinearities. Physical Review A, 2016, 93, .</mml:math 	ath>state with	2.5	60
2056	Coherent manipulation of the Raman-induced gratings in atomic media. Physical Review	v A, 2016, 93, .	2.5	17
2057	Plasmon dromions in a metamaterial via plasmon-induced transparency. Physical Review	w A, 2016, 93, .	2.5	30
2058	Short-pulse cross-phase modulation in an electromagnetically-induced-transparency me Review A, 2016, 93, .	dium. Physical	2.5	12
2059	Nanofiber-based all-optical switches. Physical Review A, 2016, 93, .		2.5	10
2060	Coupling of a nanomechanical oscillator and an atomic three-level medium. Physical Re 93, .	view A, 2016,	2.5	8
2061	Negative refraction without absorption via quantum coherence. Physical Review A, 201	6, 93, .	2.5	22
2062	Narrowband biphoton generation in the group delay regime. Physical Review A, 2016, 9)3, .	2.5	29
2063	Observation and characterization of cavity Rydberg polaritons. Physical Review A, 2016	, 93, .	2.5	51

#	ARTICLE Effects of quantum coherence and interference in atoms near nanoparticles. Physical Review A, 2016,	IF 2.5	CITATIONS
2004	93, . Raman-induced slow-light delay of THz-bandwidth pulses. Physical Review A, 2016, 93, .	2.5	4
2066	Electromagnetically-induced-transparency intensity-correlation power broadening in a buffer gas. Physical Review A, 2016, 93, .	2.5	5
2067	Direct measurement of excited-state dipole matrix elements using electromagnetically induced transparency in the hyperfine Paschen-Back regime. Physical Review A, 2016, 93, .	2.5	35
2068	Weak-value amplification of the fast-light effect in rubidium vapor. Physical Review A, 2016, 93, .	2.5	7
2069	Method for identifying electromagnetically induced transparency in a tunable circuit quantum electrodynamics system. Physical Review A, 2016, 93, .	2.5	49
2070	Number-state filter for pulses of light. Physical Review A, 2016, 93, .	2.5	3
2071	Dynamical zeroing of spin-wave momentum to suppress motional dephasing in an atomic-ensemble quantum memory. Physical Review A, 2016, 93, .	2.5	20
2072	Control of atomic spin squeezing via quantum coherence. Physical Review A, 2016, 93, .	2.5	4
2073	Polariton states in circuit QED for electromagnetically induced transparency. Physical Review A, 2016, 93, .	2.5	32
2074	Weak-light rogue waves, breathers, and their active control in a cold atomic gas via electromagnetically induced transparency. Physical Review A, 2016, 93, .	2.5	14
2075	Perturbative approach in the frequency domain for the intensity correlation spectrum in electromagnetically induced transparency. Physical Review A, 2016, 94, .	2.5	3
2076	Vector cavity optomechanics in the parameter configuration of optomechanically induced transparency. Physical Review A, 2016, 94, .	2.5	39
2077	Enhancement of four-wave mixing via interference of multiple plasmonic conversion paths. Physical Review B, 2016, 93, .	3.2	32
2078	Toroidal dipole excitations in metamolecules formed by interacting plasmonic nanorods. Physical Review B, 2016, 93, .	3.2	38
2079	Stabilizing nuclear spins around semiconductor electrons via the interplay of optical coherent population trapping and dynamic nuclear polarization. Physical Review B, 2016, 93, .	3.2	5
2080	Coherent Population Trapping of a Single Nuclear Spin Under Ambient Conditions. Physical Review Letters, 2016, 116, 043603.	7.8	29
2081	Tunable Polarons of Slow-Light Polaritons in a Two-Dimensional Bose-Einstein Condensate. Physical Review Letters, 2016, 116, 053602.	7.8	39

#	Article	IF	CITATIONS
2082	Experimental Demonstration of the Effectiveness of Electromagnetically Induced Transparency for Enhancing Cross-Phase Modulation in the Short-Pulse Regime. Physical Review Letters, 2016, 116, 173002.	7.8	15
2083	Stopping Narrow-Band X-Ray Pulses in Nuclear Media. Physical Review Letters, 2016, 116, 197402.	7.8	22
2084	Resonant Rydberg Dressing of Alkaline-Earth Atoms via Electromagnetically Induced Transparency. Physical Review Letters, 2016, 116, 243001.	7.8	43
2085	Optical-response properties in levitated optomechanical systems beyond the low-excitation limit. Physical Review A, 2016, 93, .	2.5	20
2086	Single-photon transistor based on tunable coupling in a cavity quantum electrodynamics system. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 1600.	2.1	4
2087	Colossal Kerr nonlinearity based on electromagnetically induced transparency in a five-level double-ladder atomic system. Applied Optics, 2016, 55, 5892.	2.1	22
2088	Decoupling a hole spin qubit from the nuclearÂspins. Nature Materials, 2016, 15, 981-986.	27.5	76
2089	Enhanced Phase Sensitivity in Plasmonic Refractive Index Sensor Based on Slow Light. IEEE Photonics Technology Letters, 2016, 28, 2187-2190.	2.5	14
2090	Birefringence effects of short probe pulses of electromagnetically induced transparency. , 2016, , .		0
2091	Quantum Dynamics by Partitioning Technique. Advances in Chemical Physics, 2016, , 349-394.	0.3	0
2092	Nonanalytic pulse discontinuities as carriers of information. Physical Review A, 2016, 93, .	2.5	2
2093	Coherent-state-induced transparency. Physical Review A, 2016, 93, .	2.5	1
2094	Coupled-mode theory for electromagnetic pulse propagation in dispersive media undergoing a spatiotemporal perturbation: Exact derivation, numerical validation, and peculiar wave mixing. Physical Review B, 2016, 93, .	3.2	14
2095	Robust signatures detection of Majorana fermions in superconducting iron chains. Scientific Reports, 2016, 6, 36600.	3.3	8
2096	Single-atom single-photon coupling facilitated by atomic-ensemble dark-state mechanisms. Physical Review A, 2016, 94, .	2.5	26
2097	Optical bistability in a defect slab with a negative refractive quantum dot nanostructure. JETP Letters, 2016, 104, 666-673.	1.4	2
2098	Tunable Autler–Townes Splitting Observation in Coupled Whispering Gallery Mode Resonators. IEEE Photonics Journal, 2016, 8, 1-10.	2.0	11
2099	Imbalance of group velocities for amplitude and phase pulses propagating in a resonant atomic medium. Physical Review A, 2016, 94, .	2.5	0

#	Article	IF	CITATIONS
2100	Narrow-dual-band perfect absorption plasmonic sensor in metamaterials based on the coupling of two resonators. Journal of Nonlinear Optical Physics and Materials, 2016, 25, 1650027.	1.8	9
2101	Intensity correlations and anticorrelations in a three-level cascade system. Pramana - Journal of Physics, 2016, 87, 1.	1.8	1
2102	On-Chip Multiple Electromagnetically Induced Transparencies in Photon–Plasmon Composite Nanocavities. ACS Photonics, 2016, 3, 2068-2073.	6.6	14
2103	Large Fizeau's light-dragging effect in a moving electromagnetically induced transparent medium. Nature Communications, 2016, 7, 13030.	12.8	50
2104	A silicon waveguide-coupled gold rod embedded microring resonator. , 2016, , .		0
2105	Dynamics of Finite Energy Airy Beams Carrying Orbital Angular Momentum in Multilevel Atomic Vapors. Journal of the Physical Society of Japan, 2016, 85, 104302.	1.6	1
2106	Role of dressed-state interference in electromagnetically induced transparency. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 4100-4104.	2.1	22
2107	Large Cross-Phase Modulations at the Few-Photon Level. Physical Review Letters, 2016, 117, 203601.	7.8	58
2108	Control of coherence transfer via tunneling in quadruple and multiple quantum dots. Laser Physics Letters, 2016, 13, 125205.	1.4	1
2109	Influential and theoretical analysis of nano-defect in the stub resonator. Scientific Reports, 2016, 6, 30877.	3.3	27
2110	Coherent perfect absorption in one-sided reflectionless media. Scientific Reports, 2016, 6, 35356.	3.3	19
2111	Stationary light pulses and narrowband light storage in a laser-cooled ensemble loaded into a hollow-core fiber. Physical Review A, 2016, 94, .	2.5	30
2112	Transparency and tunable slow and fast light in a nonlinear optomechanical cavity. Scientific Reports, 2016, 6, 35090.	3.3	35
2113	Tunneling-assisted coherent population transfer and creation of coherent superposition states in triple quantum dots. Laser Physics Letters, 2016, 13, 125203.	1.4	2
2114	Doubly Resonant Optical Periodic Structure. Scientific Reports, 2016, 6, 20590.	3.3	6
2115	Tunneling induced absorption with competing Nonlinearities. Scientific Reports, 2016, 6, 38251.	3.3	9
2116	Polarisation response of delay dependent absorption modulation in strong field dressed helium atoms probed near threshold. New Journal of Physics, 2016, 18, 083032.	2.9	14
2117	Two-way interconversion of millimeter-wave and optical fields in Rydberg gases. New Journal of Physics, 2016, 18, 093030.	2.9	37

#	Article	IF	CITATIONS
2118	Raman study of the quantum interference of multiple discrete states and a continuum of states in the phonon energy region of semiconductors: examples ofp-type Ga0.5In0.5P films. Journal Physics D: Applied Physics, 2016, 49, 375107.	2.8	4
2119	A high repetition rate experimental setup for quantum non-linear optics with cold Rydberg atoms. European Physical Journal: Special Topics, 2016, 225, 2839-2861.	2.6	4
2120	Optical Quantum Logic at the Ultimate Limit. Physics Magazine, 2016, 9, .	0.1	3
2121	Energy exchange between laser pulses in an atomic medium with a closed excitation contour. Bulletin of the Russian Academy of Sciences: Physics, 2016, 80, 795-798.	0.6	1
2122	Nondestructive detection of ions using atom-cavity collective strong coupling. Physical Review A, 2016, 94, .	2.5	8
2123	Cavity linewidth narrowing with dark-state polaritons. Chinese Physics B, 2016, 25, 014201.	1.4	1
2124	Pulsed Rydberg four-wave mixing with motion-induced dephasing in a thermal vapor. Applied Physics B: Lasers and Optics, 2016, 122, 18.	2.2	2
2125	Dual coupled-resonator system for plasmon-induced transparency and slow light effect. Optics Communications, 2016, 380, 95-100.	2.1	10
2126	Impact of the incoherent pump fields on the optical bistability of a dielectric slab doped with semiconductor quantum wells. Optik, 2016, 127, 8024-8029.	2.9	0
2127	Optical bistability and multistability via quantum coherence in chiral molecules. Optics Express, 2016, 24, 13702.	3.4	10
2128	Non-Markovian dynamics in ultracold Rydberg aggregates. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 134001.	1.5	9
2129	Transport of laser emission with broadband spectrum in optically dense atomic medium under the coherent population trapping. International Journal of Modern Physics Conference Series, 2016, 41, 1660137.	0.7	1
2130	Microwave electric field sensing with Rydberg atoms. , 2016, , .		1
2131	Independently tunable double electromagenetically induced transparency-like resonances in asymmetric plasmonic waveguide resonator system. Applied Physics Express, 2016, 9, 054301.	2.4	9
2132	Efficient and exact numerical approach for many multi-level systems in open system CQED. New Journal of Physics, 2016, 18, 043037.	2.9	35
2133	Analytical solutions of coupled-mode equations for microring resonators. Pramana - Journal of Physics, 2016, 86, 1343-1353.	1.8	3
2134	Tunable electromagnetically induced transparency in a composite superconducting system. Optics Communications, 2016, 366, 321-327.	2.1	17
2135	Polarization controlled intensity noise correlation and squeezing of four-wave mixing processes in rubidium vapor. Optical Materials, 2016, 55, 102-108.	3.6	1

		CITATION RE	PORT	
#	Article		IF	CITATIONS
2136	Spatial adiabatic passage: a review of recent progress. Reports on Progress in Physics, 2	2016, 79, 074401.	20.1	68
2137	Quantum and Nonlinear Optics in Strongly Interacting Atomic Ensembles. Advances in Molecular and Optical Physics, 2016, , 321-372.	Atomic,	2.3	36
2138	Generation of three-photon polarization-entangled decoherence-free states. Annals of I 371, 287-295.	Physics, 2016,	2.8	13
2139	Wavelength mismatch effect in electromagnetically induced absorption. Physics Letter General, Atomic and Solid State Physics, 2016, 380, 2390-2394.	s, Section A:	2.1	8
2140	Creation and Transfer of Coherence via Technique of Stimulated Raman Adiabatic Passa Quantum Dots. Nanoscale Research Letters, 2016, 11, 219.	age in Triple	5.7	2
2141	Frustrated polaritons. Physica Scripta, 2016, 91, 073006.		2.5	8
2142	Population Dynamics of Excited Atoms in Dissipative Cavities. International Journal of T Physics, 2016, 55, 4469-4479.	heoretical	1.2	3
2143	Laser frequency locking based on Rydberg electromagnetically induced transparency. C B, 2016, 25, 053201.	Chinese Physics	1.4	16
2144	Electromagnetically Induced Quantum Holographic Imaging. International Journal of Th Physics, 2016, 55, 2335-2341.	neoretical	1.2	2
2145	Dynamic metamaterial based on the graphene split ring high-Q Fano-resonnator for ser applications. Nanoscale, 2016, 8, 15196-15204.	nsing	5.6	110
2146	Interplay of classical and quantum dynamics in a thermal ensemble of atoms. New Journ 2016, 18, 053022.	nal of Physics,	2.9	5
2147	EIT resonance features in strong magnetic fields in rubidium atomic columns with lenge orders. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2016	th varying by 4 6, 120, 864-870.	0.6	4
2148	Electromagnetically Induced Transparency Analogue by Selfâ€Complementary Terahert Advanced Optical Materials, 2016, 4, 627-633.	tz Metaâ€Atom.	7.3	20
2149	Plasmon-induced transparency in binary arrays of ultrathin metal stripes for narrow-bar transmission. Optics Letters, 2016, 41, 591.	nd	3.3	9
2150	Phase control of three-dimensional atom localization in a four-level atomic system in La configuration. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 4	ambda 1.	2.1	14
2151	Two-body interactions and decay of three-level Rydberg-dressed atoms. Journal of Phys Molecular and Optical Physics, 2016, 49, 03LT02.	ics B: Atomic,	1.5	16
2152	Quantitative and Direct Near-Field Analysis of Plasmonic-Induced Transparency and the a Plasmonic Breathing Mode. ACS Nano, 2016, 10, 2214-2224.	Observation of	14.6	16
2153	Plasmon-Induced Transparency in a Surface Plasmon Polariton Waveguide with a Rightand Rectangle Cavity. Plasmonics, 2016, 11, 1151-1155.	-Angled Slot	3.4	16

#	Article	IF	CITATIONS
2154	Spin-Photon Entanglement in Semiconductor Quantum Dots: Towards Solid-State-Based Quantum Repeaters. Lecture Notes in Physics, 2016, , 71-89.	0.7	1
2155	Photon correlations generated by inelastic scattering in a one-dimensional waveguide coupled to three-level systems. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 78, 92-99.	2.7	16
2156	Electromagnetically induced transparency using a superconducting artificial atom with optimized level anharmonicity. Optics Communications, 2016, 364, 185-190.	2.1	11
2157	Atom-based RF electric field metrology above 100 GHz. Proceedings of SPIE, 2016, , .	0.8	1
2158	Comparison of methods for achieving induced transparency or absorption with pulse delay or advancement in a single microresonator. , 2016, , .		2
2159	Reprint of : Photon correlations generated by inelastic scattering in a one-dimensional waveguide coupled to three-level systems. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 82, 71-78.	2.7	0
2160	Two-dimensional probe absorption in coupled quantum dots. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 81, 248-252.	2.7	3
2161	Cooperative nonlinear grating sensitive to light intensity and photon correlation. Optics Letters, 2016, 41, 408.	3.3	21
2162	Experimental study of induced transparency or absorption and slow or fast light using orthogonally polarized whispering gallery modes of a single microresonator. , 2016, , .		2
2163	All-optical signal amplifier and distributor using cavity–atom coupling systems. Journal of Optics (United Kingdom), 2016, 18, 055202.	2.2	1
2164	Plasmon induced transparency in loop–stub resonator-coupled waveguide systems. Optics Communications, 2016, 370, 36-42.	2.1	7
2165	Electromagnetically induced transparency in a spherical quantum dot with hydrogenic impurity in the external magnetic field. Superlattices and Microstructures, 2016, 92, 10-23.	3.1	19
2166	High conversion efficiency in resonant four-wave mixing processes. Optics Express, 2016, 24, 1008.	3.4	28
2167	Stopped Light at High Storage Efficiency in a <mmi:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mr< td=""><td>:mr.øw><n v><mml:m< td=""><td>าท<mark>ป</mark>ิสาทา>3row><mml:n< td=""></mml:n<></td></mml:m<></n </td></mml:mr<></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mmi:math 	:m r.ø w> <n v><mml:m< td=""><td>าท<mark>ป</mark>ิสาทา>3row><mml:n< td=""></mml:n<></td></mml:m<></n 	าท <mark>ป</mark> ิสาทา>3row> <mml:n< td=""></mml:n<>
2168	Physical Nevlew Letters, 2016, 116, 079602. Dynamical analysis of temporal soliton with high order effects and cross-coupling relaxation of longitudinal optical phonons in double quantum wells. European Physical Journal D, 2016, 70, 1.	1.3	5
2169	Optical-bistability-enabled control of resonant light transmission for an atom-cavity system. Physical Review A, 2016, 93, .	2.5	22
2170	Tunable multimode plasmon-induced transparency with graphene side-coupled resonators. Japanese Journal of Applied Physics, 2016, 55, 022201.	1.5	7
2171	High-efficiency infrared four-wave mixing signal in monolayer graphene. Laser Physics, 2016, 26, 035401.	1.2	9

#	Article	IF	CITATIONS
2172	Storage and retrieval of light pulse propagating in quadruple quantum dot molecules. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 151.	2.1	10
2173	Propagation dynamics of a wavepacket through an optical cavity. Optics Express, 2016, 24, 2383.	3.4	1
2174	All-optical switching between optical bistability and multistability in a defect dielectric medium doped with a multiple quantum well nanostructure. Applied Optics, 2016, 55, 722.	2.1	4
2175	Effective terahertz signal detection via electromagnetically induced transparency in graphene. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 279.	2.1	11
2176	Transient gain–absorption of the probe field in triple quantum dots coupled by double tunneling. Optics Communications, 2016, 368, 129-133.	2.1	4
2177	Theory of strong-field attosecond transient absorption. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 062003.	1.5	117
2178	Electromagnetically induced transparency in a Zeeman-sublevels <i>ĥ</i> -system of cold ⁸⁷ Rb atoms in free space. Chinese Physics B, 2016, 25, 034204.	1.4	5
2179	Signal revivals in pulsed Rydberg four-wave mixing in thermal ensembles. , 2016, , .		0
2180	Flexible modulation of plasmon-induced transparency in a strongly coupled graphene grating-sheet system. Optics Express, 2016, 24, 5784.	3.4	57
2181	Quantum walks on embedded hypercubes: Nonsymmetric and nonlocal cases. Physical Review A, 2016, 93, .	2.5	3
2182	Tailoring electromagnetically induced transparency effect of terahertz metamaterials on ultrathin substrate. Science China Information Sciences, 2016, 59, 1.	4.3	7
2183	Single logical qubit information encoding scheme with the minimal optical decoherence-free subsystem. Optics Letters, 2016, 41, 1030.	3.3	21
2184	Electromagnetically induced transparency in a five-level cascade system under Doppler broadening: an analytical approach. Physica Scripta, 2016, 91, 035401.	2.5	19
2185	Frequency shifts of radiating particles moving in EIT metamaterial. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 412.	2.1	7
2186	Multiple Fano-Like Transmission Mediated by Multimode Interferences in Spoof Surface Plasmon Cavity-Waveguide Coupling System. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 1186-1194.	4.6	9
2187	Experimental demonstration of spinor slow light. , 2016, , .		0
2188	Effects of coherent population trapping in vibrational levels on group velocity and Raman scattering. , 2016, , .		0
2189	An EIT-Based Compact Microwave Sensor With Double Sensing Functions. IEEE Sensors Journal, 2016, 16, 293-298.	4.7	24

#	Article	IF	CITATIONS
2190	Interference via dephasing effect in upper coupled three-level atoms. Physica Scripta, 2016, 91, 013008.	2.5	5
2191	Controlling the onset of OB/OM in a semiconductor quantum well system in an inverted Y-type configuration. Laser Physics, 2016, 26, 015201.	1.2	3
2192	Scheme for generating GHZ-type and W-type entangled squeezed vacuum states in free-travelling optical fields. Optics Communications, 2016, 358, 54-58.	2.1	2
2193	Control of two-dimensional electron population in a semiconductor quantum well. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 75, 241-245.	2.7	3
2194	Actively Tunable Fano Resonance Based on a T-Shaped Graphene Nanodimer. Plasmonics, 2016, 11, 381-387.	3.4	43
2195	Low light level all-optical switching in a four-level atom-cavity system. Optics Communications, 2016, 358, 73-76.	2.1	11
2196	Phase control of Kerr nonlinearity in V-type system with spontaneously generated coherence. Journal of Modern Optics, 2016, 63, 598-604.	1.3	7
2197	Soliton solutions of coupled Maxwell–Bloch equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 1141-1150.	2.1	10
2198	Preparation of free-travelling three-mode W-type entangled squeezed vacuum states. Optics Communications, 2016, 361, 13-16.	2.1	3
2199	QASER: how a low frequency drive can pump energy into atomic and photon oscillators simultaneously. Journal of Modern Optics, 2016, 63, 33-40.	1.3	0
2200	Storing single photons emitted by a quantum memory on a highly excited Rydberg state. Nature Communications, 2017, 8, 14072.	12.8	38
2201	Electromagnetically induced transparency in an asymmetric double quantum well under non-resonant, intense laser fields. Optical Materials, 2017, 64, 540-547.	3.6	31
2202	Plasmon-Induced Transparency and High-Performance Slow Light in a Plasmonic Single-Mode and Two-Mode Resonators Coupled System. Journal of Lightwave Technology, 2017, 35, 1710-1717.	4.6	35
2203	The effect of impurities on linear and nonlinear absorption coefficient and refractive index of the spherical quantum dot four-level M-model the phenomenon of electromagnetically induced transparency. Superlattices and Microstructures, 2017, 101, 271-284.	3.1	8
2204	Preservation of quantum correlations in a femtosecond light pulse train within an atomic ensemble. Physical Review A, 2017, 95, .	2.5	1
2205	Mesoscopic coherence in light scattering from cold, optically dense and disordered atomic systems. Physics Reports, 2017, 671, 1-60.	25.6	35
2206	Influence of decoherence on electromannetically induced transparency in superconducting quantum circuit. Optik, 2017, 135, 366-372.	2.9	1
2207	Propagation of coupled dark-state polaritons and storage of light in a tripod medium. Physical Review A, 2017, 95, .	2.5	7

#	Article	IF	CITATIONS
2208	Atom-Based RF Electric Field Metrology: From Self-Calibrated Measurements to Subwavelength and Near-Field Imaging. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 717-728.	2.2	98
2209	Optical switching of cross intensity correlation in cavity electromagnetically induced transparency. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 055504.	1.5	4
2210	Controlled EIT and signal storage in metamaterial with tripod structure. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	3
2211	Slow terahertz light via resonant tunneling induced transparency in quantum well heterostructures. , 2017, , .		1
2212	Electric field effect on the impurity-related electromagnetically induced transparency in a quantum disk under non-resonant, intense laser radiation. Chemical Physics, 2017, 487, 16-22.	1.9	9
2213	Scheme for secure swapping two unknown states of a photonic qubit and an electron-spin qubit using simultaneous quantum transmission and teleportation via quantum dots inside single-sided optical cavities. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 1845-1852.	2.1	15
2214	Atom-Based Sensing of Weak Radio Frequency Electric Fields Using Homodyne Readout. Scientific Reports, 2017, 7, 42981.	3.3	113
2215	Mixture of Electromagnetically Induced Transparency and Autler–Townes Splitting in a Five-Level Atomic System. Communications in Theoretical Physics, 2017, 67, 217.	2.5	2
2216	Precise position measurement of an atom using superposition of two standing wave fields. Laser Physics, 2017, 27, 045202.	1.2	15
2217	Coherent population trapping (CPT) versus electromagnetically induced transparency (EIT). European Physical Journal D, 2017, 71, 1.	1.3	16
2218	An electromagnetic modulator based on electrically controllable metamaterial analogue to electromagnetically induced transparency. Scientific Reports, 2017, 7, 40441.	3.3	104
2219	Sub- and super-luminal light propagation using a Rydberg state. Optics Communications, 2017, 392, 180-184.	2.1	31
2220	Phase-resolved pulse propagation through metallic photonic crystal slabs: plasmonic slow light. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160065.	3.4	5
2221	Stimulated Raman adiabatic passage in physics, chemistry, and beyond. Reviews of Modern Physics, 2017, 89, .	45.6	560
2222	Attosecond transient-absorption dynamics of xenon core-excited states in a strong driving field. Physical Review A, 2017, 95, .	2.5	24
2223	Electromagnetically induced two-dimensional grating assisted by incoherent pump. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 1362-1368.	2.1	17
2224	Microplasma generation by slow microwave in an electromagnetically induced transparency-like metasurface. Journal of Applied Physics, 2017, 121, .	2.5	8
2225	Creation of two-photon states via interactions between Rydberg atoms during light storage. Physical Review A, 2017, 95, .	2.5	13

#	Article	IF	CITATIONS
2226	Control of Fano resonances and slow light using Bose-Einstein condensates in a nanocavity. Physical Review A, 2017, 95, .	2.5	28
2227	Plasmonic Analog of Electromagnetically Induced Transparency in Stereo Metamaterials. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 1-7.	2.9	18
2228	Two-dimensional Talbot self-imaging via Electromagnetically induced lattice. Scientific Reports, 2017, 7, 41790.	3.3	17
2229	Electromagnetically induced transparency in planar metamaterials based on guided mode resonance. Optics Communications, 2017, 392, 142-146.	2.1	16
2230	Optomechanically induced opacity and amplification in a quadratically coupled optomechanical system. Physical Review A, 2017, 95, .	2.5	62
2231	Ionic vibration induced transparency and Autler–Townes splitting. Laser Physics Letters, 2017, 14, 045203.	1.4	3
2232	Observation of coherent effects using a mode-locked rubidium laser. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 035503.	1.5	2
2233	Effect of magnetic field on the optical properties of an inhomogeneously broadened multilevel $\hat{ m b}$ -system in Rb vapor. European Physical Journal D, 2017, 71, 1.	1.3	5
2234	Steady-State Solutions Originating from an Enhanced Nonlinear Feedback in a Hybrid Opto-mechanical System. International Journal of Theoretical Physics, 2017, 56, 2052-2060.	1.2	0
2235	Polariton dynamics of a disordered three-cavity system of four-levelÂatoms. European Physical Journal B, 2017, 90, 1.	1.5	1
2236	Cavity electromagnetically induced transparency via spontaneously generated coherence. Journal of Modern Optics, 2017, 64, 1777-1783.	1.3	3
2237	Special Property of Group Velocity for Temporal Dark Soliton. Communications in Theoretical Physics, 2017, 67, 425.	2.5	0
2238	Effects of electric field and structure on the electromagnetically induced transparency in double quantum dot. Optical Materials, 2017, 67, 145-154.	3.6	18
2239	Simultaneous Switching at Multiple Wavelengths Using Plasmon Induced Transparency and Fano Resonance. IEEE Photonics Technology Letters, 2017, 29, 739-742.	2.5	20
2240	Two narrow dark polaritons in triple-well microcavity based on double tunneling induced transparency. Optical and Quantum Electronics, 2017, 49, 1.	3.3	1
2241	Towards a quantum internet. European Journal of Physics, 2017, 38, 043001.	0.6	35
2242	Talbot effect of selective reflection from a homogeneous atomic vapour. Journal of Modern Optics, 2017, 64, 1222-1228.	1.3	0
2243	Optical-response properties in an atom-assisted optomechanical system with a mechanical pump. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 105503.	1.5	7

#	Article	IF	CITATIONS
2244	Polarization-independent transparency window induced by complementary graphene metasurfaces. Journal Physics D: Applied Physics, 2017, 50, 015106.	2.8	12
2245	Observation of polariton resonances with five-level M-type atoms in an optical cavity. Optics Communications, 2017, 402, 163-166.	2.1	0
2246	Tunable plasmonically induced reflection in graphene-coupled side resonators and its application. Journal of Nanophotonics, 2017, 11, 026012.	1.0	23
2247	Controlling the sing and magnitude of Kerr nonlinearity in four-level N-type EIT medium. Optik, 2017, 143, 7-13.	2.9	2
2248	Coherent control of atomic qubits by non-classical light. European Physical Journal D, 2017, 71, 1.	1.3	5
2249	Dynamically controlled optical nonreciprocity of a double-ladder system with spontaneously generated coherence in moving atomic optical lattice. Chinese Physics B, 2017, 26, 054207.	1.4	2
2250	Electromagnetically induced 2D grating via refractive index enhancement in a far-off resonant system. Laser Physics Letters, 2017, 14, 075202.	1.4	12
2251	Pump-tuned plasmon-induced transparency for sensing and switching applications. Optics Communications, 2017, 401, 40-45.	2.1	15
2252	Weak coupling between bright and dark resonators with electrical tunability and analysis based on temporal coupled-mode theory. Applied Physics Letters, 2017, 110, .	3.3	34
2253	Unidirectional plasmonically induced transparency behavior in a compact graphene-based waveguide. Journal Physics D: Applied Physics, 2017, 50, 295301.	2.8	4
2254	Polarization independent and tunable plasmon induced transparency for slow light. RSC Advances, 2017, 7, 19169-19173.	3.6	9
2255	Plasmonic metamaterial for electromagnetically induced transparency analogue and ultra-high figure of merit sensor. Scientific Reports, 2017, 7, 45210.	3.3	53
2256	Controlled opacity in a class of nonlinear dielectric media. Physical Review A, 2017, 95, .	2.5	2
2257	Multiple plasmon resonance in a concentric silver-atomic medium nanoshell. Journal of Applied Physics, 2017, 121, 123102.	2.5	1
2258	Photonic transistor and router using a single quantum-dot-confined spin in a single-sided optical microcavity. Scientific Reports, 2017, 7, 45582.	3.3	40
2259	Plasmonic induced transparency in a coupled system composed of metal-insulate-metal stub and trapezoid cavity resonator. Optics Communications, 2017, 396, 199-205.	2.1	7
2260	Phase control of electromagnetically induced acoustic wave transparency in a diamond nanomechanical resonator. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 1624-1628.	2.1	4
2261	Electromagnetically induced transparency in double quantum dot under intense laser and magnetic fields: from $\hat{\mathbf{b}}$ to $\hat{\mathbf{l}}$ configuration. European Physical Journal B, 2017, 90, 1.	1.5	13

#	Article	IF	CITATIONS
2262	Arbitrarily Accurate Pulse Sequences for Robust Dynamical Decoupling. Physical Review Letters, 2017, 118, 133202.	7.8	66
2263	Double two-photon coalescence in a controlled propagation. Physical Review A, 2017, 95, .	2.5	2
2264	Manipulation of slow and superluminal light based on a graphene nanoribbon resonator. European Physical Journal D, 2017, 71, 1.	1.3	7
2265	Coherent control of light-pulse propagation in a Raman induced grating. Journal of Optics (United) Tj ETQq1 1 0.	784314 rg 2.2	;BŢ /Overloc
2266	Electromagnetically induced transparency with superradiant and subradiant states. Physical Review A, 2017, 95, .	2.5	6
2267	Coherent Population Oscillation-Based Light Storage. Physical Review Letters, 2017, 118, 073605.	7.8	19
2268	Electromagnetically induced transparency in optical microcavities. Nanophotonics, 2017, 6, 789-811.	6.0	162
2269	Atom-light interactions in quasi-one-dimensional nanostructures: A Green's-function perspective. Physical Review A, 2017, 95, .	2.5	100
2270	Using reservoir-engineering to convert a coherent signal in optomechanics with small optomechanical cooperativity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 1629-1633.	2.1	1
2271	Inversionless gain via six-wave mixing and the investigation of distributed feedback. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 1620-1623.	2.1	0
2272	Plasmon induced transparency and absorption in bright–bright mode coupling metamaterials: a radiating two-oscillator model analysis. Journal Physics D: Applied Physics, 2017, 50, 025301.	2.8	17
2273	All-Optical switching in metal nanoparticles plasmonic waveguide using EIT phenomenon. Optik, 2017, 132, 291-298.	2.9	9
2274	Nano sensing based on transparency effect in planar metamaterial. Journal of Modern Optics, 2017, 64, 1158-1163.	1.3	5
2275	Enhanced negative refractive index control in a 5-level system. Journal of Modern Optics, 2017, 64, 1208-1214.	1.3	7
2276	Phase controllable terahertz switch in a Landau-quantized graphene nanostructure. Laser Physics, 2017, 27, 016201.	1.2	9
2277	Extremely high <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:mi>Q</mml:mi> -factor metamaterials due to anapole excitation. Physical Review B, 2017, 95, .</mml:math 	3.2	183
2278	Electromagnetically Induced Transparency Based on Cascaded π-Shaped Graphene Nanostructure. Plasmonics, 2017, 12, 1833-1839.	3.4	10
2279	Plasmonic-induced transparency in a MIM waveguide with two side-coupled cavities. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	10

#	Article	IF	CITATIONS
2280	Sub-half-wavelength atom localization via two standing waves. Canadian Journal of Physics, 2017, 95, 305-309.	1.1	1
2281	Enhancement of Kerr nonlinearity completely without absorption. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 3978-3982.	2.1	16
2282	Arrays of strongly coupled atoms in a one-dimensional waveguide. Physical Review A, 2017, 96, .	2.5	35
2283	Establishing and storing of deterministic quantum entanglement among three distant atomic ensembles. Nature Communications, 2017, 8, 718.	12.8	44
2284	Continuous generation of delayed light. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 215003.	1.5	3
2285	Reply to "Comment on â€~Dynamics of slow light and light storage in a Doppler-broadened electromagnetically-induced-transparency medium: A numerical approach' ― Physical Review A, 2017, 96, .	2.5	2
2286	Microwave photonics with superconducting quantum circuits. Physics Reports, 2017, 718-719, 1-102.	25.6	853
2287	Engineering of Long-Lived Collective DarkStates—Spectral Hole Burning. Springer Theses, 2017, , 93-102.	0.1	0
2288	Scattering Invisibility With Freeâ€Space Field Enhancement of Allâ€Dielectric Nanoparticles. Laser and Photonics Reviews, 2017, 11, 1700103.	8.7	18
2289	Double-image storage optimized by cross-phase modulation in a cold atomic system. Physical Review A, 2017, 96, .	2.5	5
2290	Universal photonic quantum computation via time-delayed feedback. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11362-11367.	7.1	117
2291	Controlling nonlinear optical response in an open four-level molecular system using quantum control of spin-orbit interaction. European Physical Journal Plus, 2017, 132, 1.	2.6	3
2292	Self-induced transparency of the optical phonons. Chaos, Solitons and Fractals, 2017, 105, 14-20.	5.1	2
2293	Two Step Excitation in Hot Atomic Sodium Vapor. Scientific Reports, 2017, 7, 11760.	3.3	Ο
2294	Inducing Transparency with a Magnetic Field. Physics Magazine, 0, 10, .	0.1	4
2295	Subwavelength sound screening by coupling space-coiled Fabry-Perot resonators. Europhysics Letters, 2017, 119, 36001.	2.0	1
2296	A trapped mode by higher-order Fano-like interference in a symmetric plasmonic structure. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	4
2297	Enhanced intensity-difference squeezing via energy-level modulations in hot atomic media. Physical Review A, 2017, 96, .	2.5	52

	CITATION	REPORT	
#	Article	IF	CITATIONS
2298	Optics of exciton-plasmon nanomaterials. Journal of Physics Condensed Matter, 2017, 29, 443003.	1.8	73
2299	Localizing an atom using electromagnetically induced transparency in three dimensions. Laser Physics Letters, 2017, 14, 095201.	1.4	1
2300	Optical and microwave control of germanium-vacancy center spins in diamond. Physical Review B, 2017, 96, .	3.2	125
2301	Rydberg electrometry for optical lattice clocks. Physical Review A, 2017, 96, .	2.5	15
2302	Optical bistability and four-wave mixing in a hybrid optomechanical system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 3289-3294.	2.1	17
2303	Creation and detection of photonic molecules in Rydberg gases. Physical Review A, 2017, 96, .	2.5	7
2304	Parity-time symmetry with coherent atomic gases. Advances in Physics: X, 2017, 2, 737-783.	4.1	17
2305	Effect of Phase Modulation on Electromagnetically Induced Grating in a Five-Level M-Type Atomic System. Chinese Physics Letters, 2017, 34, 074206.	3.3	4
2306	All-optical tunable buffering with coupled ultra-high Q whispering gallery mode microcavities. Scientific Reports, 2017, 7, 10688.	3.3	27
2307	Novel oscillator model with damping factor for plasmon induced transparency in waveguide systems. Scientific Reports, 2017, 7, 10635.	3.3	8
2308	Intracavity Rydberg-atom electromagnetically induced transparency using a high-finesse optical cavity. Physical Review A, 2017, 96, .	2.5	26
2309	Collective radiation spectrum for ensembles with Zeeman splitting in single-photon superradiance. Physical Review A, 2017, 96, .	2.5	8
2310	Induced Cavities for Photonic Quantum Gates. Physical Review Letters, 2017, 119, 113601.	7.8	23
2311	Force-induced transparency and conversion between slow and fast light in optomechanics. Physical Review A, 2017, 96, .	2.5	24
2312	Quantum Nonlinear Optics in Optomechanical Nanoscale Waveguides. Physical Review Letters, 2017, 119, 123602.	7.8	16
2313	Microwave assisted transparency in an M-system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 195502.	1.5	6
2314	Tunable double optomechanically induced transparency in a dual-species Bose–Einstein condensate. Laser Physics Letters, 2017, 14, 105201.	1.4	3
2315	Enhanced spectral profile in the study of Doppler-broadened Rydberg ensembles. Scientific Reports, 2017, 7, 9726.	3.3	8

#	Article	IF	CITATIONS
2316	Detuning-enhanced sensitive detection of inter-dot tunneling with tunneling-induced gain. Optics Communications, 2017, 403, 175-179.	2.1	0
2317	Phase-coupled plasmon-induced transparency in integrated metal–dielectric–graphene–dielectric waveguide. Applied Physics Express, 2017, 10, 102001.	2.4	5
2318	Storage and retrieval of time-entangled soliton trains in a three-level atom system coupled to an optical cavity. Optics Communications, 2017, 403, 27-33.	2.1	9
2319	Journeys from quantum optics to quantum technology. Progress in Quantum Electronics, 2017, 54, 19-45.	7.0	41
2320	Multiple emitters in a waveguide: Nonreciprocity and correlated photons at perfect elastic transmission. Physical Review A, 2017, 96, .	2.5	22
2321	Modelling and simulation of a thermally induced optical transparency in a dual micro-ring resonator. Royal Society Open Science, 2017, 4, 170381.	2.4	6
2322	Transparency under double detuning-induced stimulated Raman adiabatic passage in atoms with hyperfine structure. Physical Review A, 2017, 95, .	2.5	4
2323	Pulse delay of a stimulated Raman process in atomic vapor. Physical Review A, 2017, 95, .	2.5	1
2324	Coherent Photon Manipulation in Interacting Atomic Ensembles. Physical Review X, 2017, 7, .	8.9	22
2325	Measurement of the velocity of a quantum object: A role of phase and group velocities. Optics Communications, 2017, 396, 169-173.	2.1	0
2326	Two-dimensional electromagnetically induced grating via nonlinear modulation in a five-level atomic system. Optics Communications, 2017, 402, 545-550.	2.1	13
2327	Theoretical realization of dynamically tunable double plasmonically induced transparency in a graphene-based waveguide structure. Optical Materials, 2017, 72, 632-636.	3.6	7
2328	Tailoring polarization of electromagnetically induced transparency based on non-centrosymmetric metasurfaces. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 3000-3004.	2.1	17
2329	Correlated Photon Dynamics in Dissipative Rydberg Media. Physical Review Letters, 2017, 119, 043602.	7.8	28
2330	Plasmonic Analog of Electromagnetically Induced Absorption Leads to Giant Thin Film Faraday Rotation of 14°. Physical Review X, 2017, 7, .	8.9	33
2331	Single Frequency Semiconductor Lasers. Optical and Fiber Communications Reports, 2017, , .	0.1	9
2332	Dark state with counter-rotating dissipative channels. Scientific Reports, 2017, 7, 6254.	3.3	4
2333	Influence of the asymmetric excited state decay on coherent population trapping. Scientific Reports, 2017, 7, 7132.	3.3	4

#	Article	IF	CITATIONS
2334	Single-photon transport through a waveguide coupling to a quadratic optomechanical system. Physical Review A, 2017, 96, .	2.5	9
2335	Electromagnetically Induced Grating Without Absorption Using Incoherent Pump. International Journal of Theoretical Physics, 2017, 56, 3117-3128.	1.2	2
2336	Polarization independent and tunable plasmonic structure for mimicking electromagnetically induced transparency in the reflectance spectrum. Journal of Optics (United Kingdom), 2017, 19, 105101.	2.2	3
2337	Many-Body Subradiant Excitations in Metamaterial Arrays: Experiment and Theory. Physical Review Letters, 2017, 119, 053901.	7.8	73
2338	Optical properties of an inhomogeneously broadened multilevel V-system in the weak and strong probe regimes. Indian Journal of Physics, 2017, 91, 1115-1125.	1.8	5
2339	Photonic Kondo-like model. Physical Review A, 2017, 95, .	2.5	0
2340	Transverse azimuthal dephasing of a vortex spin wave in a hot atomic gas. Physical Review A, 2017, 95, .	2.5	13
2341	Stimulated Raman adiabatic control of a nuclear spin in diamond. Physical Review B, 2017, 96, .	3.2	12
2342	High-Resolution Two-Dimensional Optical Spectroscopy of Electron Spins. Physical Review X, 2017, 7, .	8.9	9
2343	Sub-luminal and super-luminal light propagation in inverted-Y system with wavelength mismatching effects. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 3246-3253.	2.1	20
2344	Experimental triple-slit interference in a strongly driven V-type artificial atom. Physical Review B, 2017, 96, .	3.2	1
2345	Perfect absorption and no reflection in disordered photonic crystals. Physical Review A, 2017, 95, .	2.5	15
2346	Electromagnetically induced transparency and nonlinear pulse propagation in a combined tripod and Λ atom-light coupling scheme. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 185401.	1.5	16
2347	Superchiral Plasmonic Phase Sensitivity for Fingerprinting of Protein Interface Structure. ACS Nano, 2017, 11, 12049-12056.	14.6	56
2348	Coherently induced grating in refractive index enhanced medium. Chinese Physics B, 2017, 26, 124209.	1.4	4
2349	Tunable three-wave-mixing-induced transparency. Physical Review A, 2017, 96, .	2.5	6
2350	Plasmonically induced reflection in metal–insulator–metal waveguides with two silver baffles coupled square ring resonator [*] . Chinese Physics B, 2017, 26, 124212.	1.4	11
2351	Liquid-Crystal-Based Electrically Tuned Electromagnetically Induced Transparency Metasurface Switch. Scientific Reports, 2017, 7, 17378.	3.3	34

ARTICLE IF CITATIONS Macroscopic quantum coherence and mechanical squeezing of a graphene sheet. Physical Review A, 2352 2.5 23 2017, 96, Six wave mixing process in photonic band gap. Laser Physics, 2017, 27, 075401. 1.2 Simulating quantum light propagation through atomic ensembles using matrix product states. Nature 2354 12.8 44 Communications, 2017, 8, 1743. The effect of electromagnetically induced transparency in a potassium nanocell. Optics and 0.6 Spectroscopy (English Translatión of Optika I Spektrośkopiya), 2017, 123, 139-145. Three-photon interference with stored light. Physical Review A, 2017, 96, . 2356 2.5 0 Characterization of coherent population-trapped states in a circuit-QED <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi 2.5 mathvariant="normal">ĥ</mml:mi></mml:math> system. Physical Review A, 2017, 96, . Absorption spectra of superconducting qubits driven by bichromatic microwave fields. Physical 2358 3.2 14 Review B, 2017, 96, . Normal modes of a probe field in the pulsed regime of electromagnetically induced transparency in a $\hat{
m b}$ -scheme of degenerate quantum transitions. Optics and Spectroscopy (Énglish Translation of Optika I) Tj ETQq1 1006784314 rgBT /C 2359 Influence of the hyperfine structure of the atomic states on the collective effects in the Rb2 2360 0.9 6 quasi-molecule. Journal of Experimental and Theoretical Physics, 2017, 125, 551-563. Anomalous excitation enhancement with Rydberg-dressed atoms. Physical Review A, 2017, 96, . 2.5 2361 2362 High-efficiency backward four-wave mixing by quantum interference. Scientific Reports, 2017, 7, 15796. 3.3 14 Fano Resonances in Ultracompact Siliconâ€onâ€Insulator Compatible Integrated Photonic–Plasmonic 2363 Hybrid Circuits. Advanced Optical Materials, 2017, 5, 1700304. Velocity-selective spectroscopy measurements of Rydberg fine structure states in a hot vapor cell. 2364 1.4 1 Chinesé Physics B, 2017, 26, 113202. Circuit Cavity QED with Macroscopic Solid-State Spin Ensembles. Springer Theses, 2017, , . 0.1 Kinetic theory of weakly ionized dilute gas of hydrogen-like atoms of the first principles of quantum 2366 2 1.1 statistics and dispersion laws of eigenwaves. Journal of Mathematical Physics, 2017, 58, . Photon scattering by an atomic ensemble coupled to a one-dimensional nanophotonic waveguide. 2367 Physical Review Ă, 2017, 96, . Kerr-field-induced tunable optical atomic waveguide. Physical Review A, 2017, 96, . 2368 2.52 Soda Cans Metamaterial: Homogenization and Beyond. World Scientific Series in Nanoscience and 0.1 Nanotechnology, 2017, , 205-250.

#	Article	IF	CITATIONS
2370	Fano resonance and slow light in hybrid optomechanics mediated by a two-level system. Physical Review A, 2017, 96, .	2.5	48
2371	Photonic Counterparts of Cooper Pairs. Physical Review Letters, 2017, 119, 193603.	7.8	25
2372	Wave-mixing-induced transparency with zero phase shift in atomic vapors. Optics Communications, 2017, 405, 127-131.	2.1	0
2373	Metastable decoherence-free subspaces and electromagnetically induced transparency in interacting many-body systems. Physical Review A, 2017, 96, .	2.5	7
2374	Dipolar exchange induced transparency with Rydberg atoms. New Journal of Physics, 2017, 19, 033001.	2.9	9
2375	Multiple modes plasmon-induced-transparency and slow light effect in a compact graphene coated nanowire waveguide system. Optics Communications, 2017, 402, 66-72.	2.1	14
2376	Analogue of electromagnetically-induced-transparency based on graphene nanotube waveguide. Journal Physics D: Applied Physics, 2017, 50, 355101.	2.8	7
2377	High efficiency solar cells using quantum interferences. Optical and Quantum Electronics, 2017, 49, 1.	3.3	6
2378	Active control and switching of broadband electromagnetically induced transparency in symmetric metadevices. Applied Physics Letters, 2017, 111, .	3.3	107
2379	Attosecond counter-rotating-wave effect in xenon driven by strong fields. Physical Review A, 2017, 95,	2.5	10
2380	Non-Hermitian matter-wave mixing in Bose-Einstein condensates: Dissipation-induced amplification. Physical Review A, 2017, 96, .	2.5	5
2381	A unified approach to -, - and <i>V</i> -type systems with one continuum. Journal of Modern Optics, 2017, 64, 2083-2096.	1.3	1
2382	High visibility first-order subwavelength interference based on light pulse storage via electromagnetically induced transparency. Scientific Reports, 2017, 7, 2361.	3.3	2
2383	Quantum Zeno Suppression of Intramolecular Forces. Physical Review Letters, 2017, 119, 013001.	7.8	11
2384	Analysis of a triple-cavity photonic molecule based on coupled-mode theory. Physical Review A, 2017, 95, .	2.5	18
2385	Influence of multiphoton detunings from resonance on adiabatic processes in a five-level system. Journal of Experimental and Theoretical Physics, 2017, 124, 540-545.	0.9	3
2386	Magnetic field control of absorption coefficient and group index in an impurity doped quantum disc. European Physical Journal B, 2017, 90, 1.	1.5	18
2387	Paschen-Back effects and Rydberg-state diamagnetism in vapor-cell electromagnetically induced transparency. Physical Review A, 2017, 95, .	2.5	16

#	Article	IF	CITATIONS
2388	Dynamic control of coherent pulses via destructive interference in graphene under Landau quantization. Scientific Reports, 2017, 7, 2513.	3.3	6
2389	Hybrid quantum device with a carbon nanotube and a flux qubit for dissipative quantum engineering. Physical Review B, 2017, 95, .	3.2	22
2390	<i>Colloquium</i> : Strongly interacting photons in one-dimensional continuum. Reviews of Modern Physics, 2017, 89, .	45.6	313
2391	Broadband Plasmon-Induced Transparency in Plasmonic Metasurfaces Based on Bright-Dark-Bright Mode Coupling. Plasmonics, 2017, 12, 1555-1560.	3.4	9
2392	High Sensitivity Nanoplasmonic Sensor Based on Plasmon-Induced Transparency in a Graphene Nanoribbon Waveguide Coupled with Detuned Graphene Square-Nanoring Resonators. Plasmonics, 2017, 12, 1449-1455.	3.4	39
2393	Coherent Control of Two-Dimensional Optical Absorption in a Quantum Dot Nanostructure. Plasmonics, 2017, 12, 1359-1365.	3.4	2
2394	Transparency windows of the plasmonic nanostructure composed of C-shaped and U-shaped resonators. Optics Communications, 2017, 384, 65-70.	2.1	4
2395	Quantum simulations and many-body physics with light. Reports on Progress in Physics, 2017, 80, 016401.	20.1	233
2396	Modeling highly-dispersive transparency in planar nonlinear metamaterials. Optics Communications, 2017, 385, 177-180.	2.1	2
2397	Cavity-enhanced room-temperature high sensitivity optical Faraday magnetometry. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 129-135.	2.1	6
2398	Coherent optical propagation and ultrahigh resolution mass sensor based on photonic molecules optomechanics. Optics Communications, 2017, 382, 73-79.	2.1	10
2399	Dynamical observations of self-stabilizing stationary light. Nature Physics, 2017, 13, 68-73.	16.7	23
2400	Subwavelength Micro-Antenna for Achieving Slow Light at Microwave Wavelengths via Electromagnetically Induced Transparency in 2D Metamaterials. Plasmonics, 2017, 12, 1343-1352.	3.4	27
2401	Disappearance of Plasmonically Induced Reflectance by Breaking Symmetry in Metamaterials. Plasmonics, 2017, 12, 1331-1342.	3.4	25
2402	Thermally tunable electromagnetically induced transparency in terahertz frequency with superconducting resonators. Journal of Modern Optics, 2017, 64, 17-22.	1.3	2
2403	Spectral hole burning and its application in microwave photonics. Nature Photonics, 2017, 11, 36-39.	31.4	43
2404	Propagation of laser pulse in a three-level cascade inhomogeneously broadened medium under electromagnetically induced transparency conditions. Optik, 2017, 131, 497-505.	2.9	30
2405	Anisotropic nonlinear optics based on quantum interference. Europhysics Letters, 2017, 120, 33001.	2.0	0

#	Article	IF	CITATIONS
2406	Three-wave superluminal vector optical solitons in a seven-level atomic system. Journal of Nonlinear Optical Physics and Materials, 2017, 26, 1750054.	1.8	3
2407	Tunable spectral splitting in nanoscale graphene waveguide with coupled resonators. Journal of Nanophotonics, 2017, 11, 1.	1.0	0
2408	Rydberg excitation of cold atoms inside a hollow-core fiber. Physical Review A, 2017, 96, .	2.5	21
2409	Control of rubidium low-lying Rydberg states with trichromatic femtosecond <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:mi>ï€</mml:mi> pulses for ultrafast quantum information processing. Physical Review A, 2017, 96, .</mml:math 	2.5	1
2410	Nonlinearities in reservoir engineering: Enhancing quantum correlations. Physical Review A, 2017, 96, .	2.5	5
2411	Changing optical band structure with single photons. New Journal of Physics, 2017, 19, 115002.	2.9	11
2412	Frequency dependence of coherently amplified two-photon emission from hydrogen molecules. Physical Review A, 2017, 96, .	2.5	2
2413	Broadband radiation transport in an optically dense gas in the presence of an RF field. Journal of Experimental and Theoretical Physics, 2017, 125, 1-11.	0.9	1
2414	Electrically controlled optical switch in the hybrid opto-electromechanical system [*] . Chinese Physics B, 2017, 26, 128502.	1.4	5
2415	Direct imaging of slow, stored and stationary EIT polaritons. Quantum Science and Technology, 2017, 2, 034010.	5.8	6
2416	Experimental study of discrete diffraction behavior in a coherent atomic system. Laser Physics Letters, 2017, 14, 125206.	1.4	12
2417	Intermode Correlation Properties of Laser Radiation Propagating through a Gas Cell with Alkali Atoms under Conditions of a Coherent Population Trapping Resonance. Journal of Experimental and Theoretical Physics, 2017, 125, 993-1004.	0.9	8
2418	Optical field induced rotation of polarization in rubidium atoms with the additional magnetic field. IOP Conference Series: Materials Science and Engineering, 2017, 263, 022015.	0.6	2
2419	Conditional phase-shift enhancement through dynamical Rydberg blockade. Europhysics Letters, 2017, 120, 54002.	2.0	4
2420	Tunable metamaterial structures and slow light effects using plasmon induced transparency. , 2017, , .		0
2421	Theoretical Analysis of Plasmon-Induced Transparency in MIM Waveguide Bragg Grating Coupled With a Single Subradiant Resonator. IEEE Photonics Journal, 2017, 9, 1-8.	2.0	4
2422	Development of a new atom-based SI traceable electric-field metrology technique. , 2017, , .		0
2423	Refractive index sensing using all-dielectric metasurface with analogue of electromagnetically induced transparency. , 2017, , .		4

#	Article	IF	CITATIONS
2424	Electromagnetically-induced focusing controlled by a microwave field. , 2017, , .		1
2425	Tunable plasmon-induced absorption in an integrated graphene nanoribbon side-coupled waveguide. Applied Optics, 2017, 56, 9536.	1.8	9
2426	Beam splitter and router via an incoherent pump-assisted electromagnetically induced blazed grating. Applied Optics, 2017, 56, 5736.	1.8	11
2427	Picturing stimulated Raman adiabatic passage: a STIRAP tutorial. Advances in Optics and Photonics, 2017, 9, 563.	25.5	50
2428	Analytical qualitative modeling of passive and active metamaterials [Invited]. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 1597.	2.1	6
2429	Storage and retrieval of electromagnetic waves with orbital angular momentum via plasmon-induced transparency. Optics Express, 2017, 25, 785.	3.4	12
2430	Squeezing induced high-efficiency diffraction grating in two-level system. Optics Express, 2017, 25, 4483.	3.4	19
2431	Controlling transverse shift of the reflected light via high refractive index with zero absorption. Optics Express, 2017, 25, 10335.	3.4	6
2432	One-way Einstein-Podolsky-Rosen steering via atomic coherence. Optics Express, 2017, 25, 11584.	3.4	20
2433	Ultraslow weak-light solitons and their storage and retrieval in a kagome-structured hollow-core photonic crystal fiber. Optics Express, 2017, 25, 19094.	3.4	15
2434	Coherence effects in electromagnetically induced transparency in V-type systems of ^87Rb. Optics Express, 2017, 25, 21762.	3.4	14
2435	Eight-wave mixing parametrical amplification. Optics Express, 2017, 25, 25212.	3.4	2
2436	Analogue of double-ĥ-type atomic medium and vector plasmonic dromions in a metamaterial. Optics Express, 2017, 25, 25447.	3.4	2
2437	Optomechanically engineered phononic mode resonance. Optics Express, 2017, 25, 26638.	3.4	10
2438	Spectral characterization of single photon sources with ultra-high resolution, accuracy and sensitivity. Optics Express, 2017, 25, 28898.	3.4	2
2439	Controlling the interaction between plasmon-induced transparency and guided mode resonance. Optics Express, 2017, 25, 30043.	3.4	4
2440	Transmission line metamaterials based on strongly coupled split ring/complementary split ring resonators. Optics Express, 2017, 25, 30395.	3.4	3
2441	Plasmonic-induced absorption in an end-coupled metal-insulator-metal resonator structure. Optical Materials Express, 2017, 7, 433.	3.0	20

#	Article	IF	CITATIONS
2442	Broadband terahertz plasmon-induced transparency via asymmetric coupling inside meta-molecules. Optical Materials Express, 2017, 7, 1035.	3.0	30
2443	Localized slow light phenomenon in symmetry broken terahertz metamolecule made of conductively coupled dark resonators. Optical Materials Express, 2017, 7, 1950.	3.0	21
2444	Optical Bloch oscillation and Zener tunneling in an atomic system. Optica, 2017, 4, 571.	9.3	41
2445	Measuring the frequency-time two-photon wavefunction of narrowband entangled photons from cold atoms via stimulated emission. Optica, 2017, 4, 1293.	9.3	21
2446	Electro-optic waveform interconnect based on quantum interference. Photonics Research, 2017, 5, 481.	7.0	9
2447	Optically induced atomic lattice with tunable near-field and far-field diffraction patterns. Photonics Research, 2017, 5, 676.	7.0	27
2448	Switching freely between superluminal and subluminal light propagation in a monolayer MoS_2 nanoresonator. Optics Express, 2017, 25, 13567.	3.4	9
2449	Tunable electromagnetically induced transparency in integrated silicon photonics circuit. Optics Express, 2017, 25, 31688.	3.4	24
2450	Electromagnetically induced transparency and one-dimensional near-unity-refractive-index metamaterials. Optical Materials Express, 2017, 7, 3885.	3.0	0
2451	Light velocity control in monolithic microfiber bridged ring resonator. Optica, 2017, 4, 945.	9.3	17
2452	Electromagnetically induced transparency in vacuum and buffer gas potassium cells probed via electro-optic frequency combs. Optics Letters, 2017, 42, 4430.	3.3	21
2453	Plasmon-induced transparency based on a triangle cavity coupled with an ellipse-ring resonator. Applied Optics, 2017, 56, 9556.	1.8	22
2454	Tunable Multiple Plasmon-Induced Transparencies Based on Asymmetrical Grapheme Nanoribbon Structures. Materials, 2017, 10, 699.	2.9	6
2455	Theory of propagation of spectrum and correlations of radiation in optically dense gas in the case of the closed excitation contour. EPJ Web of Conferences, 2017, 132, 02003.	0.3	0
2456	Phononic Crystal Made of Multilayered Ridges on a Substrate for Rayleigh Waves Manipulation. Crystals, 2017, 7, 372.	2.2	19
2457	Optical bistability forming due to a Rydberg state. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 1923.	2.1	20
2458	Asymmetric light diffraction of an atomic grating with PT symmetry. Optics Letters, 2017, 42, 4283.	3.3	47
2459	Optical Nanofibers. Advances in Atomic, Molecular and Optical Physics, 2017, 66, 439-505.	2.3	69

#	Article	IF	CITATIONS
2460	TUNABLE PLASMONIC INDUCED TRANSPARENCY IN GRAPHENE NANORIBBON RESONATORS. Progress in Electromagnetics Research C, 2017, 75, 53-61.	0.9	1
2461	Persistent currents of superfluidic light in a four-level coherent atomic medium. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 2220.	2.1	20
2462	Measurement of dispersive profile of a multiwindow electromagnetically induced transparency spectrum in a Doppler-broadened atomic medium. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 1255.	2.1	24
2463	Optimization of electromagnetically induced transparency by changing the radial size of Laguerre–Gaussian laser modes. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 1286.	2.1	6
2464	Spectral features of the tunneling-induced transparency and the Autler-Townes doublet and triplet in a triple quantum dot. Scientific Reports, 2018, 8, 3107.	3.3	11
2465	Electromagnetically induced polarization grating. Scientific Reports, 2018, 8, 3073.	3.3	16
2466	Dark states in spin-polarized transport through triple quantum dot molecules. Physical Review B, 2018, 97, .	3.2	4
2467	From a quantum-electrodynamical light–matter description to novel spectroscopies. Nature Reviews Chemistry, 2018, 2, .	30.2	182
2468	Electromagnetically Induced Transparency in Circuit Quantum Electrodynamics with Nested Polariton States. Physical Review Letters, 2018, 120, 083602.	7.8	41
2469	Interaction of light with planar lattices of atoms: Reflection, transmission, and cooperative magnetometry. Physical Review A, 2018, 97, .	2.5	36
2470	Coherent Microwave-to-Optical Conversion via Six-Wave Mixing in Rydberg Atoms. Physical Review Letters, 2018, 120, 093201.	7.8	87
2471	Electrically Tunable Slow Light Using Graphene Metamaterials. ACS Photonics, 2018, 5, 1800-1807.	6.6	187
2472	Multiple transparency windows and Fano interferences induced by dipole-dipole couplings. Physical Review A, 2018, 97, .	2.5	8
2473	Experimental Demonstration of Quantum Stationary Light Pulses in an Atomic Ensemble. Physical Review X, 2018, 8, .	8.9	14
2474	Photon scattering from a system of multilevel quantum emitters. I. Formalism. Physical Review A, 2018, 97, .	2.5	18
2475	Single-photon controlled multi-photon polarization unitary gate based on weak cross-Kerr nonlinearities. Quantum Information Processing, 2018, 17, 1.	2.2	12
2476	Electromagnetically induced transparency control in terahertz metasurfaces based on bright-bright mode coupling. Physical Review B, 2018, 97, .	3.2	166
2477	Giant optical nonlinearities from Rydberg excitons in semiconductor microcavities. Nature Communications, 2018, 9, 1309.	12.8	63

#	Article	IF	CITATIONS
2478	Magneto-optical rotation in cavity QED with Zeeman coherence. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 1556-1562.	2.1	6
2479	Study of coherence effects in a four-level Ξâ [^] î› type system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 105501.	1.5	3
2480	A perfect Fresnel acoustic reflector implemented by a Fano-resonant metascreen. Journal of Applied Physics, 2018, 123, .	2.5	27
2481	ĥ-Type and V-Type Plasmon-Induced Transparency in Plasmonic Waveguide Systems. Plasmonics, 2018, 13, 2255-2259.	3.4	8
2482	Fast-responding property of electromagnetically induced transparency in Rydberg atoms. Physical Review A, 2018, 97, .	2.5	18
2483	Babinet-Inverted Optical Nanoantenna Analogue of Electromagnetically Induced Transparency. Chinese Physics Letters, 2018, 35, 014201.	3.3	1
2484	Electromagnetically induced transparency in thermal Rydberg atoms: superatom model with finite Doppler broadening. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 075502.	1.5	5
2485	Electromagnetically induced transparency in a multilayered spherical quantum dot with hydrogenic impurity. Optical Materials, 2018, 78, 191-200.	3.6	12
2486	Electromagnetically induced transparency in a quantum pseudo-dot with spin–orbit interaction. Optical and Quantum Electronics, 2018, 50, 1.	3.3	5
2487	Periodically modulated dark states. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 954-959.	2.1	1
2488	Coherent control and storage of a microwave pulse in a one-dimensional array of artificial atoms using the Autler-Townes effect and electromagnetically induced transparency. Physical Review A, 2018, 97, .	2.5	5
2489	Polarization-induced interference within electromagnetically induced transparency for atoms of double- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:mtext mathvariant="sans-serif">V</mml:mtext> </mml:math> linkage. Physical Review A, 2018, 97, .	2.5	2
2490	Tunable plasmon-induced transparency with graphene-based T-shaped array metasurfaces. Optics Communications, 2018, 416, 77-83.	2.1	40
2491	Atomic-state diagnostics and optimization in cold-atom experiments. Scientific Reports, 2018, 8, 2805.	3.3	8
2492	Generation and control of optical frequency combs using cavity electromagnetically induced transparency. Physical Review A, 2018, 97, .	2.5	20
2493	Flexibly tunable high-quality-factor induced transparency in plasmonic systems. Scientific Reports, 2018, 8, 1558.	3.3	65
2494	Deterministically entangling multiple remote quantum memories inside an optical cavity. Physical Review A, 2018, 97, .	2.5	8
2495	Trapped-mode-induced Fano resonance and acoustical transparency in a one-dimensional solid-fluid phononic crystal. Physical Review B, 2018, 97, .	3.2	44

#	Article	IF	CITATIONS
2496	Magnetopolaritons in Weyl Semimetals in a Strong Magnetic Field. Physical Review Letters, 2018, 120, 037403.	7.8	22
2497	Characteristics of multiple Fano resonances in waveguide-coupled surface plasmon resonance sensors based on waveguide theory. Scientific Reports, 2018, 8, 2560.	3.3	59
2498	Robustness of Quantum Discord Between Two Noninteracting Qubits in Spin-Star Baths. Journal of Low Temperature Physics, 2018, 191, 206-216.	1.4	1
2499	Phase control of squeezed state in double electromagnetically induced transparency system with a loop-transition structure. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 818-822.	2.1	2
2500	Optomechanical second-order sidebands and group delays in a Kerr resonator. Physical Review A, 2018, 97, .	2.5	68
2501	Tunable photonic band gaps and optical nonreciprocity by an RF-driving ladder-type system in moving optical lattice. Optics Communications, 2018, 410, 916-922.	2.1	2
2502	Plasmon-induced transparency in sensing application with semicircle cavity waveguide. Optics Communications, 2018, 410, 751-755.	2.1	19
2503	Effects of electric field and light polarization on the electromagnetically induced transparency in an impurity doped quantum ring. Optical Materials, 2018, 75, 827-840.	3.6	19
2504	Resonance fluorescence microscopy via three-dimensional atom localization. Quantum Information Processing, 2018, 17, 1.	2.2	1
2505	Modeling the adiabatic creation of ultracold polar <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:mrow> <mml:msup> <mml:mrow /> <mml:mn>23 </mml:mn> </mml:mrow </mml:msup> <mml:msup> <mml:mi> Na </mml:mi> <mml:mn> 40 </mml:mn> mathyariant="normal">K </mml:msup></mml:mrow> molecules. Physical Review A, 2018, 97.</mml:math 	up ^{3.5} mml:	mi ⁸¹
2506	Magnetically induced transparency of a quantum metamaterial composed of twin flux qubits. Nature Communications, 2018, 9, 150.	12.8	29
2507	Transmission gaps, trapped modes and Fano resonances in Aharonov–Bohm connected mesoscopic loops. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 613-620.	2.1	8
2508	Laser Phase Spectroscopy in Closed-Loop Multilevel Schemes. , 2018, , 665-677.		0
2509	Light Stops at Exceptional Points. Physical Review Letters, 2018, 120, 013901.	7.8	138
2510	Optically Tunable Gratings Based on Coherent Population Oscillation. Scientific Reports, 2018, 8, 6834.	3.3	0
2511	Dark and bright-state polaritons in triple-ĥ EIT system. European Physical Journal D, 2018, 72, 1.	1.3	2
2512	A polarization independent electromagnetically induced transparency-like metamaterial with large group delay and delay-bandwidth product. Journal of Applied Physics, 2018, 123, .	2.5	50
2513	Gain assisted coherent control of microwave pulse in a one dimensional array of artificial atoms. Physica Scripta, 2018, 93, 065101.	2.5	2

		CITATION RE	PORT	
#	Article		IF	CITATIONS
2514	Berry phase in controlled light propagation and storage. Physical Review A, 2018, 97, .		2.5	2
2515	Advanced photonic filters based on cascaded Sagnac loop reflector resonators in silicon-on-insulator nanowires. APL Photonics, 2018, 3, .		5.7	52
2516	Optomechanically induced transparency with Bose–Einstein condensate in double-c optomechanical system. Chinese Physics B, 2018, 27, 034205.	avity	1.4	4
2517	Quantum light storage in rare-earth-ion-doped solids. Chinese Physics B, 2018, 27, 020	0303.	1.4	9
2518	Coherent generation of photonic fractional quantum Hall states in a cavity and the sea anyonic quasiparticles. Physical Review A, 2018, 97, .	arch for	2.5	18
2519	Storage and Retrieval of Surface Polaritons. ACS Photonics, 2018, 5, 2496-2502.		6.6	5
2520	Vacuum induced transparency and photon number resolved Autler-Townes splitting in system. Scientific Reports, 2018, 8, 4507.	a three-level	3.3	2
2521	Anomalous amplified and bound-state-like optical transmissions via unidirectional inte parity-time symmetric metamaterials. Journal of Applied Physics, 2018, 123, 103102.	raction in	2.5	3
2522	Tailoring mode interference in plasmon-induced transparency metamaterials. Journal P Applied Physics, 2018, 51, 174005.	hysics D:	2.8	22
2523	Neutrino flavour evolution through fluctuating matter. Journal of Physics G: Nuclear ar Physics, 2018, 45, 045201.	ıd Particle	3.6	5
2524	Rayleigh Waves in Phononic Crystal Made of Multilayered Pillars: Confined Modes, Fan and Acoustically Induced Transparency. Physical Review Applied, 2018, 9, .	o Resonances,	3.8	45
2525	A strongly interacting polaritonic quantum dot. Nature Physics, 2018, 14, 550-554.		16.7	56
2526	Multiple detuned-resonator induced transparencies in MIM plasmonic waveguide. Opt Communications, 2018, 418, 27-31.	ics	2.1	17
2527	Analytical results for a conditional phase shift between single-photon pulses in a nonlo medium. Physical Review A, 2018, 97, .	ical nonlinear	2.5	12
2528	Photon Subtraction by Many-Body Decoherence. Physical Review Letters, 2018, 120, 1	.13601.	7.8	14
2529	Tunable Slow Light in Graphene Metamaterial in a Broad Terahertz Range. Plasmonics,	2018, 13, 63-70.	3.4	27
2530	Plasmon-Induced Transparency and Refractive Index Sensing in Side-Coupled Stub-Hex Plasmonics, 2018, 13, 251-257.	agon Resonators.	3.4	55
2531	Dynamically Tunable Electromagnetically Induced Transparency in Graphene and Split- Metamaterial. Plasmonics, 2018, 13, 451-457.	Ring Hybrid	3.4	18

#	Article	IF	CITATIONS
2532	Dynamic Control of Double Plasmon-Induced Transparencies in Aperture-Coupled Waveguide-Cavity System. Plasmonics, 2018, 13, 345-352.	3.4	131
2533	Perfect Plasmon-Induced Absorption and Its Application for Multi-Switching in Simple Plasmonic System. Plasmonics, 2018, 13, 1015-1020.	3.4	11
2534	Vacuum-induced quantum memory in an opto-electromechanical system. Optics Communications, 2018, 410, 102-107.	2.1	4
2535	Tunable plasmon-induced absorption effects in a graphene-based waveguide coupled with graphene ring resonators. Optics Communications, 2018, 410, 148-152.	2.1	11
2536	Scattering cross section in a cylindrical anisotropic layered metamaterial. Optics Communications, 2018, 407, 193-198.	2.1	3
2537	Tunable plasmon-induced transparency based on graphene nanoring coupling with graphene nanostrips. Journal of Modern Optics, 2018, 65, 268-274.	1.3	5
2538	Four-wave mixing in a non-degenerate four-level diamond configuration in the hyperfine Paschen–Back regime. Journal of Modern Optics, 2018, 65, 713-722.	1.3	31
2539	Transient dynamics in cavity electromagnetically induced transparency with ion Coulomb crystals. Journal of Modern Optics, 2018, 65, 602-612.	1.3	1
2540	Dynamic generation and coherent control of beating stationary light pulses by a microwave coupling field in five-level cold atoms. Optics Communications, 2018, 412, 49-54.	2.1	1
2541	Plasmonically Induced Transparency in Graphene Oxide Quantum Dots with Dressed Phonon States. ACS Photonics, 2018, 5, 614-620.	6.6	7
2542	Peculiarities of the coherent population trapping resonance in the fluorescence obtained in a coated87Rb cell in the presence of transverse magnetic field: theory and experiment. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 035005.	1.5	9
2543	Quantum Discord Preservation for Two Quantum-Correlated Qubits in Two Independent Reserviors. International Journal of Theoretical Physics, 2018, 57, 829-840.	1.2	Ο
2544	Multicolor coherence-induced grating in a three-level -type atomic system. Journal of Modern Optics, 2018, 65, 852-857.	1.3	1
2545	High-precision three-dimensional atom localization via phase-sensitive absorption spectra in a four-level atomic system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 025501.	1.5	8
2546	LOW LOSS AND HIGH TRANSMISSION ELECTROMAGNETICALLY INDUCED TRANSPARENCY (EIT) EFFECT IN CYLINDRICAL THROUGH-HOLE DIELECTRIC CUBES. Progress in Electromagnetics Research M, 2018, 76, 207-215.	0.9	5
2547	Asymmetric light diffraction of two-dimensional electromagnetically induced grating with PT symmetry in asymmetric double quantum wells. Optics Express, 2018, 26, 32918.	3.4	38
2548	Probing light forces on cold atoms by noise correlation spectroscopy. Physical Review A, 2018, 98, .	2.5	2
2549	Thermally Tunable Far-Infrared Metasurfaces Enabled by Ge <inf>2</inf> Sb <inf>2</inf> Te <inf>5</inf> Phase-Change Material. , 2018, , .		0

#	Article	IF	CITATIONS
2551	Azimuthal modulation of electromagnetically induced transparency using structured light. Optics Express, 2018, 26, 28249.	3.4	61
2552	Storage and Retrieval of Electromagnetic Waves in Metamaterials by Dynamical Control of EIT-Like Effect. Springer Series in Optical Sciences, 2018, , 137-156.	0.7	0
2553	Cavity-Free Optical Isolators and Circulators Using a Chiral Cross-Kerr Nonlinearity. Physical Review Letters, 2018, 121, 203602.	7.8	119
2554	Interaction-induced photon blockade using an atomically thin mirror embedded in a microcavity. Physical Review A, 2018, 98, .	2.5	12
2555	Coherent storage and manipulation of broadband photons via dynamically controlled Autler–Townes splitting. Nature Photonics, 2018, 12, 774-782.	31.4	78
2556	Sensing coherent phonons with two-photon interference. New Journal of Physics, 2018, 20, 023008.	2.9	2
2557	Storage of RF photons in minimal conditions. New Journal of Physics, 2018, 20, 023003.	2.9	0
2558	Multi-contact switch using double-dressing regularity of probe, fluorescence, and six-wave mixing in a Rydberg atom. Journal of Chemical Physics, 2018, 149, 074310.	3.0	6
2559	Electromagnetically Induced Absorption in the Near-Field of Microwave Radiative Elements With Application to Foliage Moisture Sensing. IEEE Access, 2018, 6, 77859-77868.	4.2	18
2560	Tunable Coupled-Resonator-Induced Transparency in a Photonic Crystal System Based on a Multilayer-Insulator Graphene Stack. Materials, 2018, 11, 2042.	2.9	2
2561	Enhanced generation of charge-dependent second-order sideband and high-sensitivity charge sensors in a gain-cavity-assisted optomechanical system. Physical Review A, 2018, 98, .	2.5	31
2562	Tunable plasmon-induced transparency based on asymmetric H-shaped graphene metamaterials. Chinese Physics B, 2018, 27, 124205.	1.4	10
2563	Excitation of strongly interacting moving Rydberg atoms by photon recoil momentum. European Physical Journal D, 2018, 72, 1.	1.3	0
2564	Rephasing efficiency of sequences of phased pulses in spin-echo and light-storage experiments. Physical Review A, 2018, 98, .	2.5	6
2565	Nonlinear Atom-Plasmon Interactions Enabled by Nanostructured Graphene. Physical Review Letters, 2018, 121, 257403.	7.8	20
2566	Optical absorption properties of laser-driven matter. Physical Review A, 2018, 98, .	2.5	16
2567	Rabi splitting and optical Kerr nonlinearity of quantum dot mediated by Majorana fermions. Scientific Reports, 2018, 8, 17677.	3.3	10
2568	Optical isolation by hot atoms. Nature Photonics, 2018, 12, 720-721.	31.4	0

#	Article	IF	CITATIONS
2569	Sensing new opportunities. Nature Photonics, 2018, 12, 721-722.	31.4	2
2570	Controllable coupled-resonator-induced transparency in a dual-recycled Michelson interferometer. Physical Review A, 2018, 98, .	2.5	4
2571	Four-Photon Adiabatic Excitation of Rydberg States. Journal of Contemporary Physics, 2018, 53, 293-300.	0.6	0
2572	Electrically controllable plasmon induced reflectance in hybrid metamaterials. Applied Physics Letters, 2018, 113, .	3.3	17
2573	Plasmonic Manipulation and Applications in Nanostructures/Nanomaterials. , 2018, , .		0
2574	Electromagnetically Induced Transparency in All-Dielectric U-Shaped Silicon Metamaterials. Applied Sciences (Switzerland), 2018, 8, 1799.	2.5	30
2575	Correlations between interacting Rydberg atoms. AIP Conference Proceedings, 2018, , .	0.4	1
2576	Generation of high-fidelity quantum control methods for multilevel systems. Physical Review A, 2018, 98, .	2.5	34
2577	Experimental Study on Double Resonance Optical Pumping Spectroscopy in a Ladder-Type System of ⁸⁷ Rb Atoms. Chinese Physics Letters, 2018, 35, 093201.	3.3	0
2578	Electromagnetic control and improvement of nonclassicality in a strongly coupled single-atom cavity-QED system. Physical Review A, 2018, 98, .	2.5	12
2579	Deterministic Free-Space Source of Single Photons Using Rydberg Atoms. Physical Review Letters, 2018, 121, 123605.	7.8	23
2580	Multiple transparency in a multimode quadratic coupling optomechanical system with an ensemble of three-level atoms. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 2550.	2.1	12
2581	Acoustic analogue of electromagnetically induced transparency and Autler–Townes splitting in pillared metasurfaces. Journal Physics D: Applied Physics, 2018, 51, 494004.	2.8	17
2582	Nonreciprocal hybrid magnetoplasmonics. Reports on Progress in Physics, 2018, 81, 116401.	20.1	56
2583	Limits to atom-vapor-based room-temperature photon-number-resolving detection. Physical Review A, 2018, 98, .	2.5	2
2584	Shot-noise-limited interferometry for measuring a classical force. Physical Review A, 2018, 98, .	2.5	3
2585	A multitasking device based on electromagnetically induced transparency in optical cavities. Quantum Information Processing, 2018, 17, 1.	2.2	3
2586	Identification and tunable optical coherent control of transition-metal spins in silicon carbide. Npj Quantum Information, 2018, 4, .	6.7	53
#	Article	IF	CITATIONS
------	---	----------	--------------
2587	Polarization-controlled dynamically switchable plasmon-induced transparency in plasmonic metamaterial. Nanoscale, 2018, 10, 19517-19523.	5.6	64
2588	High-order sideband generation in a two-cavity optomechanical system with modulated photon-hopping interaction. Laser Physics Letters, 2018, 15, 115401.	1.4	9
2589	Coherent population trapping with a controlled dissipation: applications in optical metrology. New Journal of Physics, 2018, 20, 033007.	2.9	8
2590	Coherent Optical Field Manipulation and Optical Information Processing Based on Electromagnetically-Induced Transparency Effect in Pr3+:Y2SiO5 Crystal. Applied Sciences (Switzerland), 2018, 8, 1179.	2.5	5
2591	Ultracold Rydberg atoms for efficient storage of terahertz frequency signals using electromagnetically induced transparency. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 3500-3504.	2.1	11
2592	Improvement of the memory quality of optical pulse pairs in atomic systems via four-wave mixing. Physical Review A, 2018, 98, .	2.5	5
2593	Observation and theoretical simulation of dispersive properties of an electromagnetically induced transparent 87Rb atomic medium. Laser Physics, 2018, 28, 125205.	1.2	2
2594	Piezoelectric polar nanoregions and relaxation-coupled resonances in relaxor ferroelectrics. Physical Review B, 2018, 98, .	3.2	10
2595	Quantum interference manipulation and enhancement with fluctuation-correlation-induced dephasing in an atomic system. Physical Review A, 2018, 98, .	2.5	7
2596	Two-laser dynamic nuclear polarization with semiconductor electrons: Feedback, suppressed fluctuations, and bistability near two-photon resonance. Physical Review B, 2018, 98, .	3.2	5
2597	Coherent Control of Penning and Associative Ionization: Insights from Symmetries. Physical Review Letters, 2018, 121, 163405.	7.8	9
2598	Transition from electromagnetically induced transparency to Autler–Townes splitting in cold cesium atoms. New Journal of Physics, 2018, 20, 073024.	2.9	31
2599	The effect of oscillator and dipole-dipole interaction on multiple optomechanically induced transparency in cavity optomechanical system. Scientific Reports, 2018, 8, 14367.	3.3	6
2600	Kinetics of low-temperature gas of hydrogen-like atoms in an external electromagnetic field. Low Temperature Physics, 2018, 44, 1049-1061.	0.6	0
2601	Manipulation of fast and slow light propagation by photonic-molecule optomechanics. Journal of Applied Physics, 2018, 124, .	2.5	12
2602	Scheme of an optical transistor based on phase modulation. Laser Physics, 2018, 28, 115402.	1.2	0
2603	Normalâ€Mode Splitting and Optomechanically Induced Absorption, Amplification, and Transparency in a Hybrid Optomechanical System. Annalen Der Physik, 2018, 530, 1800228.	2.4	21
2604	Ab initio interatomic potentials and transport properties of alkali metal (M = Rb and Cs)–rare gas (Rg) Tj ETQq1	1.0.7843	14 rgBT /Ove

#	Article	IF	Citations
2605	Electromagnetically induced transparency in a GaAs/InAs/GaAs parabolic quantum well in the external magnetic field. Superlattices and Microstructures, 2018, 122, 9-17.	3.1	3
2606	Manipulating multi-frequency light in a five-level cascade-type atomic medium associated with giant self-Kerr nonlinearity. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 1233.	2.1	14
2607	Electromagnetically induced transparency in a GaAs/InAs/GaAs quantum well. Physica B: Condensed Matter, 2018, 550, 184-188.	2.7	2
2608	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.	2.1	0
2609	Vacuum induced transparency in metamaterials. Optics Express, 2018, 26, 19498.	3.4	5
2610	Two-photon photoassociation spectroscopy of CsYb: Ground-state interaction potential and interspecies scattering lengths. Physical Review A, 2018, 98, .	2.5	29
2611	Dressed state analysis of electromagnetically induced transparency in a five-level X-type atomic system with wavelength mismatching effects. Physica Scripta, 2018, 93, 115101.	2.5	6
2612	High-contrast transparency comb of the electromagnetically-induced-transparency memory. Physical Review A, 2018, 98, .	2.5	4
2613	Depolarization effect of a vapor cell in atom-based radio-frequency electric field measurement. Japanese Journal of Applied Physics, 2018, 57, 090310.	1.5	1
2614	Electromagnetically Induced Transparency (EIT) Like Transmission Based on 3 × 3 Cascaded Multimode Interference Resonators. Micromachines, 2018, 9, 417.	2.9	2
2615	Digital communication with Rydberg atoms and amplitude-modulated microwave fields. Applied Physics Letters, 2018, 112, .	3.3	139
2616	Splitting and acquiring quantum information with perfect \$W\$ states based on weak cross-Kerr nonlinearities. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	5
2617	All-optical multi-channel switching at telecommunication wavelengths based on tunable plasmon-induced transparency. Optics Communications, 2018, 425, 196-203.	2.1	43
2618	Resonant interaction of slow light solitons and dispersive waves in nonlinear chiral photonic waveguide. New Journal of Physics, 2018, 20, 053065.	2.9	5
2619	Matching group velocity of bright and/or dark solitons via double-dark resonances. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 2006-2012.	2.1	11
2620	Storage and retrieval of electromagnetic waves using electromagnetically induced transparency in a nonlinear metamaterial. Applied Physics Letters, 2018, 112, .	3.3	27
2621	Phase-locked bifrequency Raman lasing in a double- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:mi mathvariant="normal">ĥ system. Physical Review A, 2018, 97, .</mml:mi </mml:math 	2.5	2
2622	Probing Electron Dynamics with Isolated Attosecond Pulses. , 0, , 346-389.		0

#	Article	IF	CITATIONS
2623	Broadband tunable electromagnetically induced transparency analogue metamaterials based on graphene in terahertz band. Applied Physics Express, 2018, 11, 062001.	2.4	22
2624	Composite pulses in N-level systems with SU(2) symmetry and their geometrical representation on the Majorana sphere. Journal of Chemical Physics, 2018, 148, 074101.	3.0	4
2625	Ultranarrow-bandwidth filter based on a thermal EIT medium. Scientific Reports, 2018, 8, 7959.	3.3	12
2626	Plasmon-induced transparency in ring-bar meta-atom. AIP Advances, 2018, 8, 035202.	1.3	1
2627	Tunable atom-light beam splitter using electromagnetically induced transparency. Physical Review A, 2018, 97, .	2.5	5
2628	Demonstration of spatial-light-modulation-based four-wave mixing in cold atoms. Physical Review A, 2018, 97, .	2.5	8
2629	Multispectral broadband PIT and Fano resonance in skewed dipolar metasurface. Optical Materials, 2018, 79, 480-487.	3.6	9
2630	Surface plasmon-induced transparency in a cut wire-coupled graphene split ring resonator. Photonics and Nanostructures - Fundamentals and Applications, 2018, 31, 27-33.	2.0	1
2631	Radio-over-fiber using an optical antenna based on Rydberg states of atoms. Applied Physics Letters, 2018, 112, .	3.3	66
2632	Efficient single-photon switch with an optomechanical cavity coupled to a one-dimensional waveguide. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 155503.	1.5	3
2633	Temporal optical memory based on coherent population and two-photon coherence oscillations. Physical Review A, 2018, 98, .	2.5	4
2634	Manipulating multi-frequency light in a five-level cascade EIT medium under Doppler broadening. Optik, 2018, 171, 721-727.	2.9	13
2635	Role of tunneling induced coherence in modulation of absorption and dispersion in a quantum dot molecule with symmetrical coupling configuration. Laser Physics, 2018, 28, 096002.	1.2	0
2636	Improvement of light storage efficiency using targetable optical pumping. Optics Communications, 2018, 427, 596-602.	2.1	2
2637	Optical Bistability in a Controllable Giant Self-Kerr Nonlinear Gaseous Medium under Electromagnetically Induced Transparency and Doppler Broadening. International Journal of Optics, 2018, 2018, 1-7.	1.4	1
2638	Pulse propagation in an atomic medium under spontaneously generated coherence, incoherent pumping, and relative laser phase. Optics Communications, 2018, 426, 553-557.	2.1	31
2639	Electromagnetically induced transparency in an isotopically purified Nd3+:YLiF4 crystal. Physical Review B, 2018, 97, .	3.2	8
2640	Electromagnetically induced transparency in degenerate ladder-type system. Optical and Quantum Electronics, 2018, 50, 1.	3.3	3

#	Article	IF	CITATIONS
2641	Polarization rotation with electromagnetically induced transparency in a V-type configuration of Rb D1 and D2 transitions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 175502.	1.5	2
2642	Double-path dark-state laser cooling in a three-level system. Physical Review A, 2018, 98, .	2.5	10
2643	Fast quantum driving in two-level systems with interaction and nonlinear sweep. Physical Review A, 2018, 98, .	2.5	12
2644	<i>Colloquium</i> : Quantum matter built from nanoscopic lattices of atoms and photons. Reviews of Modern Physics, 2018, 90, .	45.6	292
2645	Electromagnetically induced transparency in a spin-orbit coupled Bose-Einstein condensate. Optics Express, 2018, 26, 20122.	3.4	7
2646	Ultraslow long-living plasmons with electromagnetically induced transparency. Optics Letters, 2018, 43, 490.	3.3	12
2647	Phase-shifted Solc-type filter based on thin periodically poled lithium niobate in a reflective geometry. Optics Express, 2018, 26, 12016.	3.4	3
2648	Single phonon source based on a giant polariton nonlinear effect. Optics Letters, 2018, 43, 1163.	3.3	15
2649	Graphene-based tunable plasmon induced transparency in gold strips. Optical Materials Express, 2018, 8, 1069.	3.0	20
2650	Phonon–polaritons in nanoscale waveguides. Journal of Optics (United Kingdom), 2018, 20, 095001.	2.2	5
2651	Flat bands of optical dielectric beats. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, 794.	1.5	1
2652	Extended coupled Lorentz oscillator model and analogue of electromagnetically induced transparency in coupled plasmonic structures. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 1854.	2.1	6
2653	Efficient images storage via modulating the atomic spin coherence in a N-type system. Optics Express, 2018, 26, 17739.	3.4	3
2654	High-precision two- and three-dimensional atom localization via spatial dependent probe absorption in a closed-loop M-type atomic system. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 1318.	2.1	10
2655	Enhanced high-harmonic generation from an all-dielectric metasurface. Nature Physics, 2018, 14, 1006-1010.	16.7	215
2656	Micro-lensing-induced line shapes in a single-mode cold-atom–hollow-core-fiber interface. Optics Letters, 2018, 43, 3925	3.3	10
2657	Nanoimaging and Control of Molecular Vibrations through Electromagnetically Induced Scattering Reaching the Strong Coupling Regime. ACS Photonics, 2018, 5, 3594-3600.	6.6	46
2658	Phase-controlled coherent dynamics of a single spin under closed-contour interaction. Nature Physics, 2018, 14, 1087-1091.	16.7	28

#	Article	IF	CITATIONS
2659	Dynamic switching between single and double plasmon induced reflection through graphene nanoribbons based structure. Materials Research Express, 2018, 5, 115022.	1.6	10
2660	Long-lived quantum coherences in a V -type system strongly driven by a thermal environment. Physical Review A, 2018, 98, .	2.5	13
2661	Variational Analysis of High-Frequency Effect on Moving Electromagnetic Interface. Chinese Physics Letters, 2018, 35, 074203.	3.3	0
2662	Giant Self-Kerr Nonlinearity in the Metal Nanoparticles-Graphene Nanodisks-Quantum Dots Hybrid Systems Under Low-Intensity Light Irradiance. Nanomaterials, 2018, 8, 521.	4.1	22
2663	Heralded Universal Quantum Gate and Entangler Assisted by Imperfect Doubleâ€SidedÂQuantumâ€Dotâ€MicrocavityÂSystems. Annalen Der Physik, 2018, 530, 1800071.	2.4	14
2664	Adiabatic flux insertion and growing of Laughlin states of cavity Rydberg polaritons. Physical Review A, 2018, 98, .	2.5	8
2665	One- and two-dimensional Raman-induced diffraction gratings in atomic media. Physical Review A, 2018, 98, .	2.5	23
2666	Frequency and intensity readouts of micro-wave electric field using Rydberg atoms with Doppler effects. Optical and Quantum Electronics, 2018, 50, 1.	3.3	8
2667	Exchange of optical vortices using an electromagnetically-induced-transparency–based four-wave-mixing setup. Physical Review A, 2018, 98, .	2.5	56
2668	Analog of electromagnetically induced transparency in an E-shaped all-dielectric metasurface based on toroidal dipolar response. Optical Materials Express, 2018, 8, 2197.	3.0	62
2669	Optomechanically induced transparency and the long-lived slow light in a nonlinear system. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 1649.	2.1	24
2670	Five- and seven-level inhomogeneously broadened Ξ systems with mismatched wavelengths and polarization effects. European Physical Journal D, 2018, 72, 1.	1.3	1
2671	Microwave field controlled electromagnetically induced focusing. Japanese Journal of Applied Physics, 2018, 57, 08PF01.	1.5	1
2672	Hybrid transparency effect in the drop-filter cavity–waveguide system. Optics Communications, 2018, 427, 363-368.	2.1	3
2673	Phonon Monomode Circuits. , 2018, , 19-78.		0
2674	Plasmon-induced transparency based on aperture-coupled cascade resonators without gap. Superlattices and Microstructures, 2018, 123, 138-143.	3.1	11
2675	Double Fano resonance in a side-by-side gratings structure. Journal of Optics (United Kingdom), 2018, 20, 085002.	2.2	3
2676	Active Enhancement of Slow Light Based on Plasmon-Induced Transparency with Gain Materials. Materials, 2018, 11, 941.	2.9	14

#	Article	IF	CITATIONS
2677	Velocity-selective spectroscopy of Rb vapor with a train of short pulses and a diode laser. Optics Communications, 2018, 427, 462-468.	2.1	1
2678	Optomechanically Induced Transparency at Exceptional Points. Physical Review Applied, 2018, 10, .	3.8	99
2679	Electro-optical effects in dense and cold atomic gases. Physical Review A, 2018, 98, .	2.5	7
2680	Tunable far-infrared plasmonically induced transparency in graphene based nano-structures. Journal of Optics (United Kingdom), 2018, 20, 075001.	2.2	5
2681	Plasmonics-Based Refractive Index Sensor for Detection of Hemoglobin Concentration. IEEE Sensors Journal, 2018, 18, 4372-4377.	4.7	76
2682	Absence of Landau damping in driven three-component Bose–Einstein condensate in optical lattices. Scientific Reports, 2018, 8, 11523.	3.3	2
2683	Population trapping of a two-level atom via interaction with CEP-locked laser pulse. Journal of Physics Communications, 2018, 2, 085017.	1.2	3
2684	A vapor-cell atomic sensor for radio-frequency field detection using a polarization-selective field enhancement resonator. Applied Physics Letters, 2018, 113, .	3.3	35
2685	Properties of the output field of a hybrid superconducting quantum circuit system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 175504.	1.5	3
2686	Influence of disorder on electromagnetically induced transparency in chiral waveguide quantum electrodynamics. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 1149.	2.1	19
2687	Fundamentals and applications of optomechanically induced transparency. Applied Physics Reviews, 2018, 5, 031305.	11.3	134
2688	Nonlinear propagation of four components with different polarizations and frequencies in a single optical pulse by using a five-level atomic system. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 2217.	2.1	1
2689	Cavity-enhanced microwave electric field measurement using Rydberg atoms. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 2272.	2.1	24
2690	Dual-band electromagnetically induced transparency effect in a concentrically coupled asymmetric terahertz metamaterial. Journal of Applied Physics, 2018, 124, .	2.5	35
2691	Photon transport mediated by an atomic chain trapped along a photonic crystal waveguide. Physical Review A, 2018, 98, .	2.5	38
2692	Photon Echo from Localized Excitons in Semiconductor Nanostructures. Physics of the Solid State, 2018, 60, 1635-1644.	0.6	19
2693	Microwave-assisted Rydberg electromagnetically induced transparency. Optics Letters, 2018, 43, 1822.	3.3	21
2694	Active control of broadband plasmon-induced transparency in a terahertz hybrid metal–graphene metamaterial. RSC Advances, 2018, 8, 27746-27753.	3.6	26

#	Article	IF	CITATIONS
2695	Frequency mixing at an electromagnetically induced transparency like metasurface loaded with gas as a nonlinear element. Applied Physics Letters, 2018, 113, 061901.	3.3	5
2696	Slowing down light using terahertz semiconductor metamaterial for dual-band thermally tunable modulator applications. Applied Optics, 2018, 57, 722.	1.8	44
2697	Active control of an edge-mode-based plasmon-induced absorption sensor. Applied Optics, 2018, 57, 2698.	1.8	10
2698	Optical analogue between relativistic Thomas effect in special relativity and phase response of the photonic integrated circuits-based all-pass filter. Journal of Modern Optics, 2018, 65, 2171-2178.	1.3	10
2699	Two-color electromagnetically induced transparency via modulated coupling between a mechanical resonator and a qubit. Physical Review A, 2018, 98, .	2.5	25
2700	Dipole induced transparency and Aulter–Townes splitting via a dipole emitter coupled to a hybrid photonic-plasmonic resonator. Journal of Optics (United Kingdom), 2018, 20, 105401.	2.2	0
2701	Phase sensitive amplification enabled by coherent population trapping. New Journal of Physics, 2018, 20, 083043.	2.9	8
2702	Simultaneous two-photon resonant optical laser locking (STROLLing) in the hyperfine Paschen–Back regime. Optics Letters, 2018, 43, 4204.	3.3	16
2703	Quantum interference in a $\hat{\mathbf{b}}$ system with a close lying excited level: probe absorption versus amplification. Journal of Modern Optics, 2018, 65, 1983-1993.	1.3	2
2704	Single photon at a configurable quantum-memory-based beam splitter. Physical Review A, 2018, 97, .	2.5	7
2705	Electromagnetically induced transparency in sinusoidal modulated ring resonator. Applied Physics Letters, 2018, 112, .	3.3	13
2706	Vacuum-induced Autler-Townes splitting in a superconducting artificial atom. Physical Review A, 2018, 97, .	2.5	14
2707	Coherent control of subluminal optical solitons by the incoherent pumping in a ladder-type atomic system. European Physical Journal D, 2018, 72, 1.	1.3	6
2708	Plasmonically induced reflection in MIM plasmonic waveguide resonator system. Optik, 2018, 171, 161-166.	2.9	6
2709	Modification of optical properties by adiabatic shifting of resonances in a four-level atom. Laser Physics, 2018, 28, 045201.	1.2	3
2710	Detection of ultracold molecules using an optical cavity. Physical Review A, 2018, 97, .	2.5	6
2711	Study of atomic coherence effects in multi-level V+ĺž system involving Rydberg state. European Physical Journal D, 2018, 72, 1.	1.3	9
2712	Distinction between double electromagnetically induced transparency and double Autler–Townes splitting in RF-driven four-level ladder ⁸⁷ Rb atomic vapor. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 155401.	1.5	14

#	Article	IF	CITATIONS
2713	An Adjustable EIT-Based FBG in Yb:silica Master-Oscillator Fiber Power-Amplifier System. IEEE Journal of Quantum Electronics, 2018, 54, 1-9.	1.9	4
2714	Spectral method for numerical solution of the electric field envelope propagation equation. Communications in Nonlinear Science and Numerical Simulation, 2019, 67, 264-271.	3.3	3
2715	Polarization-Insensitive Ultra-Narrow Plasmon-Induced Transparency and Short-range Surface Plasmon Polariton Bloch Wave in Ultra-thin Metallic Film Nanostructures. Plasmonics, 2019, 14, 139-146.	3.4	10
2716	Absorption–dispersion in a three-level electromagnetically induced transparency medium including near dipole–dipole interaction effects. Optics Communications, 2019, 430, 119-130.	2.1	2
2717	Quasi-energies of coupled qubits: Magnus-Floquet states and their probing by weak signal. Journal of Physics: Conference Series, 2019, 1163, 012075.	0.4	0
2718	Dynamic and inner-dressing control of four-wave mixing in periodically-driven atomic system. Chinese Physics B, 2019, 28, 104201.	1.4	2
2719	Tunable Plasmon Induced Transparency in Graphene and Hyperbolic Metamaterial-Based Structure. IEEE Photonics Journal, 2019, 11, 1-10.	2.0	61
2720	Observation of EIT-like effect in plasmonic metasurface based on the modulation of bright–bright mode coupling. Optics Communications, 2019, 453, 124313.	2.1	5
2721	Influence of coherent population trapping on Raman scattering. Physical Review A, 2019, 100, .	2.5	1
2722	Roadmap on STIRAP applications. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 202001.	1.5	108
2723	Controllable optical response in a three-mode optomechanical system by driving the cavities on		
	different sidebands. Optics Express, 2019, 27, 21843.	3.4	4
2724	different sidebands. Optics Express, 2019, 27, 21843. Exceptional points in 1D arrays of quantum harmonic oscillators. Europhysics Letters, 2019, 127, 20001.	3.4 2.0	4
2724 2725	different sidebands. Optics Express, 2019, 27, 21843. Exceptional points in 1D arrays of quantum harmonic oscillators. Europhysics Letters, 2019, 127, 20001. Complete energy conversion between light beams carrying orbital angular momentum using coherent population trapping for a coherently driven double- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">ĥ atom-light-coupling scheme. Physical Review A, 2019, 100</mml:mi </mml:math 	3.42.02.5	4 4 45
2724 2725 2726	different sidebands. Optics Express, 2019, 27, 21843. Exceptional points in 1D arrays of quantum harmonic oscillators. Europhysics Letters, 2019, 127, 20001. Complete energy conversion between light beams carrying orbital angular momentum using coherent population trapping for a coherently driven double- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">ĥ</mml:mi Electromagnetically and optomechanically induced transparency and amplification in an atom-assisted cavity optomechanical system. Physical Review A, 2019, 100, .</mml:math </mml:math 	3.42.02.52.5	4 4 45 23
2724 2725 2726 2727	 different sidebands. Optics Express, 2019, 27, 21843. Exceptional points in 1D arrays of quantum harmonic oscillators. Europhysics Letters, 2019, 127, 20001. Complete energy conversion between light beams carrying orbital angular momentum using coherent population trapping for a coherently driven double- <ml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><ml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"></ml:math></ml:math></ml:math></ml:math></ml:math></ml:math></ml:math></ml:math></ml:math></ml:math></mml:math></mml:math></mml:math></ml:math> Electromagnetically and optomechanically induced transparency and amplification in an atom-assisted cavity optomechanical system. Physical Review A, 2019, 100, . Experimental demonstration of two-photon magnetic resonances in a single-spin system of a solid. Physical Review A, 2019, 100, . 	 3.4 2.0 2.5 2.5 2.5 	4 45 23 10
2724 2725 2726 2727 2728	different sidebands. Optics Express, 2019, 27, 21843. Exceptional points in 1D arrays of quantum harmonic oscillators. Europhysics Letters, 2019, 127, 2001. Complete energy conversion between light beams carrying orbital angular momentum using coherent population trapping for a coherently driven double- <ml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">is </mml:mi>is </mml:math> atom-light-coupling scheme. Physical Review A, 2019, 100, . Electromagnetically and optomechanically induced transparency and amplification in an atom-assisted cavity optomechanical system. Physical Review A, 2019, 100, . Experimental demonstration of two-photon magnetic resonances in a single-spin system of a solid. Physical Review A, 2019, 100, . Probing multiple-frequency atom-photon interactions with ultracold atoms. New Journal of Physics, 2019, 21, 073067.</ml:math>	 3.4 2.0 2.5 2.5 2.5 2.9 	4 45 23 10 7
2724 2725 2726 2727 2728 2729	different sidebands. Optics Express, 2019, 27, 21843. Exceptional points in 1D arrays of quantum harmonic oscillators. Europhysics Letters, 2019, 127, 20001. Complete energy conversion between light beams carrying orbital angular momentum using coherent population trapping for a coherently driven double- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">bitight beams carrying orbital angular momentum using coherent population trapping for a coherently driven double- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">bitight beams carrying orbital angular momentum using coherent population trapping for a coherently driven double- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">bitight beams carrying orbital angular momentum using coherent population trapping for a coherently driven double- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">bitight coupling scheme. Physical Review A, 2019, 100, . Electromagnetically and optomechanically induced transparency and amplification in an atom-assisted cavity optomechanical system. Physical Review A, 2019, 100, . Experimental demonstration of two-photon magnetic resonances in a single-spin system of a solid. Physical Review A, 2019, 100, . Probing multiple-frequency atom-photon interactions with ultracold atoms. New Journal of Physics, 2019, 21, 073067. Atomic measurements of high-intensity VHF-band radio-frequency fields with a Rydberg vapor-cell detector. Physical Review A, 2019, 100, .</mml:mi></mml:math></mml:mi></mml:math></mml:mi></mml:math></mml:mi></mml:math>	 3.4 2.0 2.5 2.5 2.9 2.5 	4 45 23 10 7 30

#	Article	IF	Citations
2731	Transfer of orbital angular momentum of light using electromagnetically induced transparency. Physical Review A, 2019, 100, .	2.5	11
2732	All-optical spin-orbit coupling of light using electromagnetically induced transparency. Physical Review A, 2019, 100, .	2.5	4
2733	Nonreciprocal Amplification with Four-Level Hot Atoms. Physical Review Letters, 2019, 123, 033902.	7.8	61
2734	Discerning quantum memories based on electromagnetically-induced-transparency and Autler-Townes-splitting protocols. Physical Review A, 2019, 100, .	2.5	34
2735	Phaseâ€Dependent Quantum Correlation in a Cavityâ€Atom System. Annalen Der Physik, 2019, 531, 1900159.	2.4	1
2736	The performance of CROW structures on detection of virus nanoparticles. Optical and Quantum Electronics, 2019, 51, 1.	3.3	0
2737	Controllable and tunable multiple optomechanically induced transparency and Fano resonance mediated by different mechanical resonators. AIP Advances, 2019, 9, .	1.3	3
2738	Magnetic field controlled induced transparency by Autler–Townes splitting in pseudo-elliptic quantum ring. European Physical Journal B, 2019, 92, 1.	1.5	2
2739	Nonlinear control of spatial Thirring vector solitons in electromagnetically induced transparency. Optik, 2019, 193, 163029.	2.9	2
2740	Effect of laser-frequency fluctuation on the decay rate of Rydberg coherence. Physical Review A, 2019, 100, .	2.5	8
2741	Optical Properties of Vanadium in 4 <i>H</i> Silicon Carbide for Quantum Technology. Physical Review Applied, 2019, 12, .	3.8	51
2742	Production and propagation of nonparaxial self-accelerating beams through a four-level electromagnetically induced transparency system. Optik, 2019, 199, 163116.	2.9	0
2743	Weak electric-field detection with sub-1 Hz resolution at radio frequencies using a Rydberg atom-based mixer. AIP Advances, 2019, 9, .	1.3	88
2744	Optimal pulse propagation in an inhomogeneously gas-filled hollow-core fiber. Physical Review A, 2019, 100, .	2.5	6
2745	Kerr nonlinearity based on wavelength mismatching and quantum interference in microwave driven Y-type atomic system. Optics Communications, 2019, 452, 366-372.	2.1	4
2746	A New Mechanism of Open System Evolution and Its Entropy Using Unitary Transformations in Noncomposite Qudit Systems. Entropy, 2019, 21, 736.	2.2	9
2747	Wavevector mismatch and Doppler-free three-dimensional atom localization. Laser Physics, 2019, 29, 095202.	1.2	1
2748	Effects of insertion loss, laser profile and inhomogeneity of dots distribution on properties of all-optical modulator based on GaN/AlN quantum dots. Optical and Quantum Electronics, 2019, 51, 1.	3.3	0

#	Article	IF	CITATIONS
2749	Multipolar Conversion Induced Subwavelength Highâ€Q Kerker Supermodes with Unidirectional Radiations. Laser and Photonics Reviews, 2019, 13, 1900067.	8.7	39
2750	Interacting Floquet polaritons. Nature, 2019, 571, 532-536.	27.8	38
2751	Autler-Townes Splitting and Acoustically Induced Transparency Based on Love Waves Interacting with a Pillared Metasurface. Physical Review Applied, 2019, 11, .	3.8	14
2752	Polarization rotation spectral profiles for the D2 line of ⁸⁷ Rb atoms: theory and experiment. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 225004.	1.5	3
2753	Analytical study of the spiky feature in a two-photon driven lossy ladder system. Laser Physics, 2019, 29, 105203.	1.2	1
2754	Electromagnetically induced transparency at optical nanofiber–cesium vapor interface. Chinese Physics B, 2019, 28, 124201.	1.4	2
2755	Plasmon Induced Transparency in Graphene-based Side Coupled two Rectangular Nano-cavities-like structures. Materials Today: Proceedings, 2019, 13, 1076-1083.	1.8	2
2756	The Influence of Electric and Magnetic Fields on Angular Distribution of Intensity of Light Scattered from a Cold Atomic Ensemble. Optics and Spectroscopy (English Translation of Optika I) Tj ETQq1 1 0.784314 rg	BTo¦Øverlo	ocl010 Tf 50
2757	Power narrowing: counteracting Doppler broadening in two-color transitions. New Journal of Physics, 2019, 21, 103024.	2.9	12
2758	Floquet engineering of optical lattices with spatial features and periodicity below the diffraction limit. New Journal of Physics, 2019, 21, 113058.	2.9	7
2759	A Single Trapped Rydberg Ion. Springer Theses, 2019, , .	0.1	2
2760	Control of slow light in three- and four-level graphene nanostructures. Modern Physics Letters B, 2019, 33, 1950226.	1.9	5
2761	Dynamically Tunable Plasmon-Induced Transparency Based on Radiative–Radiative-Coupling in a Terahertz Metal–Graphene Metamaterial. Crystals, 2019, 9, 146.	2.2	5
2762	Anti-Parity-Time Symmetric Optical Four-Wave Mixing in Cold Atoms. Physical Review Letters, 2019, 123, 193604.	7.8	65
2763	Generation of single entangled photon-phonon pairs via an atom-photon-phonon interaction. Physical Review A, 2019, 100, .	2.5	8
2764	Polymer Coatings Tune Electromagnetically Induced Transparency in Two-Dimensional Semiconductors. ACS Photonics, 2019, 6, 3115-3119.	6.6	7
2765	Controllable generations of electromagnetically induced transparency with a superconducting qutrit driven by tunable drivings. Laser Physics Letters, 2019, 16, 105203.	1.4	0
2766	Manipulation of a weak signal pulse by optical soliton via double electromagnetically induced transparency. Journal of Physics Communications, 2019, 3, 115003.	1.2	1

#	Article	IF	CITATIONS
2767	Electromagnetically Induced Absorption in Cavity Optomechanics System with a Bose–Einstein Condensate. Journal of Russian Laser Research, 2019, 40, 340-347.	0.6	2
2768	Planar metamaterial analogue of electromagnetically induced transparency for a miniature refractive index sensor. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 125947.	2.1	21
2769	Strong Photon Blockade Mediated by Optical Stark Shift in a Single-Atom–Cavity System. Physical Review Applied, 2019, 12, .	3.8	17
2770	An all-optical switch based on coupled cavities. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 195401.	1.5	1
2771	Tunable transparency and amplification in a hybrid optomechanical system with quadratic coupling. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 215402.	1.5	2
2772	Photonic scheme of discrete quantum Fourier transform for quantum algorithms via quantum dots. Scientific Reports, 2019, 9, 12440.	3.3	12
2773	Microwave to optical conversion with atoms on a superconducting chip. New Journal of Physics, 2019, 21, 073033.	2.9	34
2774	Mott polaritons in cavity-coupled quantum materials. New Journal of Physics, 2019, 21, 073066.	2.9	19
2775	Role of different scattering orders in the formation of intensity of light scattered by a cold atomic ensemble placed into static electric or magnetic field. Journal of Physics: Conference Series, 2019, 1236, 012074.	0.4	0
2776	Time dispersion in quantum mechanics. Journal of Physics: Conference Series, 2019, 1239, 012015.	0.4	5
2777	Controllable electromagnetically induced grating in a cascade-type atomic system. Frontiers of Physics, 2019, 14, 1.	5.0	16
2778	Stable adiabatic quantum batteries. Physical Review E, 2019, 100, 032107.	2.1	81
2779	Polarization-sensitive and active controllable electromagnetically induced transparency in U-shaped terahertz metamaterials. Frontiers of Optoelectronics, 2021, 14, 221-228.	3.7	14
2780	Enhanced photon antibunching via interference effects in a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:mi mathvariant="normal">Δ configuration. Physical Review A, 2019, 100, .</mml:mi </mml:math 	2.5	17
2781	Transverse optical pumping of spin states. Communications Physics, 2019, 2, .	5.3	4
2782	Polariton Exchange Interactions in Multichannel Optical Networks. Physical Review Letters, 2019, 123, 113605.	7.8	14
2783	Coherent nonlinear optics of quantum emitters in nanophotonic waveguides. Nanophotonics, 2019, 8, 1641-1657.	6.0	40
2784	Switching from sub- to superluminal light in a Y-type atomic system using wavelength mismatching. Pramana - Journal of Physics, 2019, 93, 1.	1.8	3

#	Article	IF	CITATIONS
2785	Nonlinear Magnetooptical Resonance in 87Rb Vapor: The Influence of Stray Magnetic Fields and Excitation Radiation Intensity on the Basic Characteristics of the Effect in Cells with Antirelaxation Coating. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2019, 127, 395-410.	0.6	2
2786	Electronic-coherence-mediated molecular nitrogen-ion lasing in a strong laser field. Physical Review A, 2019, 100, .	2.5	28
2787	Lopsided diffractions of distinct symmetries in two-dimensional non-Hermitian optical gratings. Physical Review A, 2019, 100, .	2.5	25
2788	Effect of magnetic field on a multi window ladder type electromagnetically induced transparency with 87Rb atoms in vapour cell. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 125885.	2.1	9
2789	Electromagnetically induced transparency and bound in continuum states in double Aharonov-Bohm coupled rings. Materials Today: Proceedings, 2019, 13, 1055-1061.	1.8	2
2790	Controllable optical response properties in a hybrid optomechanical system. Quantum Information Processing, 2019, 18, 1.	2.2	5
2791	Magnonic Circuits: Comb Structures. , 2019, , 53-110.		2
2792	Opto-mechanical switch via enhanced luminality control. AIP Conference Proceedings, 2019, , .	0.4	3
2793	Fock-state superradiance in a cold atomic ensemble. Optics Communications, 2019, 443, 34-43.	2.1	1
2794	Acoustic wave transparency in nitrogen-vacancy centers in a photonic crystal. Optik, 2019, 182, 408-414.	2.9	0
2795	Time-Domain Grating with a Periodically Driven Qutrit. Physical Review Applied, 2019, 11, .	3.8	20
2796	Tunable photonic dark modes in coupled cavity chains. Optics Communications, 2019, 438, 106-110.	2.1	0
2797	Dynamics of multiple atoms in one-dimensional fields. Physical Review A, 2019, 99, .	2.5	7
2798	System for control of polarization state of light and generation of light with continuously rotating linear polarization. Review of Scientific Instruments, 2019, 90, 013110.	1.3	4
2799	Optoelectronic Device Simulations Based on Macroscopic Maxwell–Bloch Equations. Advanced Theory and Simulations, 2019, 2, 1900018.	2.8	34
2800	Controllable optical switching in a closed-loop three-level lambda system. Physica Scripta, 2019, 94, 115510.	2.5	11
2801	Surface Lattice Resonances in THz Metamaterials. Photonics, 2019, 6, 75.	2.0	34
2802	Selective Reflection for a Fabry-Perot Interferometer in Presence of Electromagnetically Induced Transparency. Journal of Contemporary Physics, 2019, 54, 136-145.	0.6	2

#	Article	IF	Citations
2803	Rydberg electromagnetically induced transparency and Autler–Townes splitting in a weak radio-frequency electric field*. Chinese Physics B, 2019, 28, 053202.	1.4	8
2804	Nonlinearity of Microwave Electric Field Coupled Rydberg Electromagnetically Induced Transparency and Autler-Townes Splitting. Applied Sciences (Switzerland), 2019, 9, 1720.	2.5	7
2805	<i>Ab-initio</i> theory of photoionization via resonances. Journal of Chemical Physics, 2019, 150, 204111.	3.0	11
2806	Inversion-symmetry breaking in spin patterns by a weak magnetic field. Physical Review A, 2019, 99, .	2.5	7
2808	Magnet-Free Circulator Based on Spatiotemporal Modulation of Photonic Crystal Defect Cavities. ACS Photonics, 2019, 6, 2056-2066.	6.6	30
2809	Analogue of Electromagnetically Induced Transparency in an S-Shaped All-Dielectric Metasurface. IEEE Photonics Journal, 2019, 11, 1-10.	2.0	34
2810	Short Pulses of Normal Modes of Electromagnetically Induced Transparency. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2019, 126, 400-411.	0.6	1
2811	Multiple Color Electromagnetically Induced Switching Using a Five-Level Atomic Medium. IEEE Journal of Quantum Electronics, 2019, 55, 1-10.	1.9	6
2812	Plasmon-induced transparency effect for ultracompact on-chip devices. Nanophotonics, 2019, 8, 1125-1149.	6.0	36
2813	Flux modulated flat band engineering in square-kagomé ladder network. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 2318-2325.	2.1	6
2814	Superposed Transparency Effect and Entanglement Generation with Hybrid System of Photonic Molecule and Dipole Emitter. Chinese Physics Letters, 2019, 36, 034204.	3.3	2
2815	Carrier-mediated cavity optomechanics in a semiconductor laser. Physical Review A, 2019, 99, .	2.5	4
2816	Stationary Light in Atomic Media. Advanced Quantum Technologies, 2019, 2, 1800100.	3.9	9
2817	8-port homodyne detection of optical fields using IQ demodulation. Measurement Science and Technology, 2019, 30, 095201.	2.6	1
2818	Slow sound in matter-wave dark soliton gases. Physical Review B, 2019, 99, .	3.2	4
2819	Classification of dark states in multilevel dissipative systems. Physical Review A, 2019, 99, .	2.5	15
2820	Time-domain Ramsey-narrowed sub-kHz electromagnetically induced absorption in atomic potassium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 085002.	1.5	7
2821	Electromagnetically induced transparency in inhomogeneously broadened solid media. Physical Review A, 2019, 99, .	2.5	10

#	Article	IF	CITATIONS
2822	Experimental realization of 105-qubit random access quantum memory. Npj Quantum Information, 2019, 5, .	6.7	42
2823	Broadband quantum memory using electromagnetically induced transparency in atomic medium. Journal of Modern Optics, 2019, 66, 992-997.	1.3	2
2824	Tunable subluminal and superluminal light with optomechanical-induced transparency under steady-state configuration. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 135504.	1.5	0
2825	Dynamical switching and memory via incoherent pump assisted optical bistability. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 2248-2254.	2.1	15
2826	Generation of new structured beams via spatially dependent transparency. Quantum Information Processing, 2019, 18, 1.	2.2	25
2827	A tunable single-photon multi-channel quantum router in a hybrid BEC-optomechanical system. Laser Physics, 2019, 29, 065501.	1.2	1
2828	Slow-light soliton beam splitters. Physical Review A, 2019, 99, .	2.5	16
2829	A novel modulation mechanism in plasmon-induced transparency waveguide. Europhysics Letters, 2019, 125, 34002.	2.0	6
2830	Robust optomechanical state transfer under composite phase driving. Scientific Reports, 2019, 9, 4382.	3.3	15
2831	Tuning Plasmon Induced Reflectance with Hybrid Metasurfaces. Photonics, 2019, 6, 29.	2.0	2
2832	Transfer of optical vortices in coherently prepared media. Physical Review A, 2019, 99, .	2.5	43
2833	Interactions of cold Rydberg atoms and metallic surfaces. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 095501.	1.5	2
2834	Manipulation of Coherent Optical Propagation Based on Monolayer MoS2 Resonator. Photonic Sensors, 2019, 9, 317-326.	5.0	0
2835	Ultra-sensitive biosensor with hybrid coupling between molybdenum disulfide thin film and photonic waveguide mode. Results in Physics, 2019, 13, 102173.	4.1	9
2836	Microwave-enhanced quantum heat engines via electromagnetically induced transparency. Physical Review A, 2019, 99, .	2.5	2
2837	Absorption and quantum coherence of a degenerate two-level system in the presence of a transverse magnetic field in different directions. Physical Review A, 2019, 99, .	2.5	3
2838	Dispersion readout of micro-wave electric field using double-dark-state Rydberg atoms. Laser Physics, 2019, 29, 045201.	1.2	4
2839	Multiphoton Jaynes-Cummings Model: Arbitrary Rotations in Fock Space and Quantum Filters. Physical Review Letters, 2019, 122, 123604.	7.8	27

#	Article	IF	CITATIONS
2840	Electromagnetically induced amplification via counter-rotating-wave terms in a three-level ĥ-type system. Physica Scripta, 2019, 94, 095104.	2.5	0
2841	Unidirectional and controllable higher-order diffraction by a Rydberg electromagnetically induced grating. Physical Review A, 2019, 99, .	2.5	31
2842	Hybrid Metal Graphene-Based Tunable Plasmon-Induced Transparency in Terahertz Metasurface. Nanomaterials, 2019, 9, 385.	4.1	27
2843	Enhancing Third- and Fifth-Order Nonlinearity via Tunneling in Multiple Quantum Dots. Nanomaterials, 2019, 9, 423.	4.1	10
2844	Polarization dependence of the optical properties in a Ξ system with an external magnetic field. European Physical Journal D, 2019, 73, 1.	1.3	1
2845	Dynamically tunable optical properties in graphene-based plasmon-induced transparency metamaterials. Chinese Physics B, 2019, 28, 026102.	1.4	23
2846	Interplay between electromagnetically induced transparency and Autler-Townes effect in fivelevel atomic systems. EPJ Web of Conferences, 2019, 204, 03013.	0.3	1
2847	Fast, Accurate, and Realizable Two-Qubit Entangling Gates by Quantum Interference in Detuned Rabi Cycles of Rydberg Atoms. Physical Review Applied, 2019, 11, .	3.8	29
2848	Electromagnetically induced squeezing of atomic spin. Journal of Modern Optics, 2019, 66, 1071-1078.	1.3	2
2849	Modulation gain and squeezing by dressed state in hot atomic system. Laser Physics Letters, 2019, 16, 055401.	1.4	6
2850	Novel transparency, absorption and amplification in a driven optomechanical system with a two-level defect. Laser Physics Letters, 2019, 16, 035202.	1.4	4
2851	Controllable transmission of vector beams in dichroic medium. Chinese Physics B, 2019, 28, 014205.	1.4	5
2852	Propagation of the probe field through a chiral medium with four-level atoms. Laser Physics Letters, 2019, 16, 035201.	1.4	3
2853	Electromagnetically induced transparency in a GaAs/InAs/GaAs quantum well in the influence of laser field intensity. European Physical Journal D, 2019, 73, 1.	1.3	5
2854	Electromagnetically induced transparency in an integrated metasurface based on bright–dark–bright mode coupling. Journal Physics D: Applied Physics, 2019, 52, 175305.	2.8	11
2855	Performance comparison of theÂelectromagnetic induction transparency effects for two U-shaped resonators having different opening directions. Heliyon, 2019, 5, e01442.	3.2	1
2856	Single- and two-qubit universal quantum gates in photonic Ti:LiNbO3 circuits. Optik, 2019, 182, 907-921.	2.9	5
2857	Modes conversion due to plasmons induced transparency. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 1520-1525.	2.1	0

#	Article	IF	CITATIONS
2858	Terahertz plasmon-induced transparency and absorption in compact graphene-based coupled nanoribbons. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	6
2859	Terahertz multi-plasmon induced reflection and transmission and sensor devices in a graphene-based coupled nanoribbons resonators. Optics Communications, 2019, 440, 1-13.	2.1	10
2860	Optomechanically Induced Mode Transition and Spectrum Enhancement in a Microresonator System. Annalen Der Physik, 2019, 531, 1800419.	2.4	4
2861	Realization of switchable EIT metamaterial by exploiting fluidity of liquid metal. Optics Express, 2019, 27, 2837.	3.4	41
2862	Effect of YouTube Marketing Communication on Converting Brand Liking into Preference among Millennials Regarding Brands in General and Sustainable Offers in Particular. Evidence from South Africa and Romania. Sustainability, 2019, 11, 604.	3.2	31
2863	Fano effect in an ultracold atom-molecule coupled system. Physical Review A, 2019, 99, .	2.5	5
2864	A Cascade Scheme for Effectively Realizing Plasmonic-induced Absorption and Its Applications in Refractive Index Sensing. , 2019, , .		0
2865	High-Q EIT in dielectric metasurface with electric-magnetic coupling. , 2019, , .		0
2866	Phase-controlled amplification and slow light in a hybrid optomechanical system. Optics Express, 2019, 27, 30473.	3.4	17
2867	Spectral Engineering of Photonic Filters Based on Mode Splitting in Self-Coupled Silicon Nanowire Waveguides. , 2019, , .		0
2868	Multi-angle and polarization independent oscillator transmission response simulating electromagnetically induced transparency by metamaterials. , 2019, , .		0
2869	2-Dimensional sub-atomic localization of Rb Rydberg atoms for SI traceable E-field metrology. , 2019, , .		0
2870	Quantum Squeezing of the Field of a Single-Atom Laser under Conditions of a Variable Coupling Constant. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2019, 127, 1070-1074.	0.6	2
2871	Optical waveguiding by atomic entanglement in multilevel atom arrays. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25503-25511.	7.1	37
2872	Influence of Doppler broadening on cross-Kerr nonlinearity in a four-level inverted-Y system: An analytical approach. Journal of Nonlinear Optical Physics and Materials, 2019, 28, 1950031.	1.8	1
2873	Peculiarities of the interaction-induced modifications of the decay of different Zeeman sublevels of an atom excited in isotropic environment. Laser Physics Letters, 2019, 16, 105206.	1.4	0
2874	Talbot effect based on a Raman-induced grating. Physical Review A, 2019, 100, .	2.5	10
2875	Long-Distance Entanglement between a Multiplexed Quantum Memory and a Telecom Photon. Physical Review X, 2019, 9, .	8.9	19

		CITATION REPORT		
#	Article		IF	CITATIONS
2876	Vanishing and Revival of Resonance Raman Scattering. Physical Review Letters, 2019,	123, 223202.	7.8	35
2877	Electromagnetically induced transparency, absorption, and microwave-field sensing in with a three-color all-infrared laser system. Physical Review A, 2019, 100, .	a Rb vapor cell	2.5	45
2878	Highly efficient and controllable surface polariton beam splitters. Physical Review A, 20	019, 100, .	2.5	2
2879	Spectral Engineering of Photonic Filters Based on Mode Splitting in Self-Coupled Silico Waveguides. , 2019, , .	on Nanowire		0
2880	Few-photon transport in strongly interacting light-matter systems: A scattering approa International Journal of Quantum Information, 2019, 17, 1950050.	ach.	1.1	0
2881	Stabilization of Transverse Modes for a High Finesse Near-Unstable Cavity. Applied Sci (Switzerland), 2019, 9, 4580.	ences	2.5	3
2882	Interfering pathways for photon blockade in cavity QED with one and two qubits. Phys 2019, 100, .	sical Review A,	2.5	35
2883	Controlled Logic Gate Based on a Four-Node Linear Hybrid Cluster State. Optics and S (English Translation of Optika I Spektroskopiya), 2019, 127, 878-887.	pectroscopy	0.6	2
2884	Effect of Nanodisks at Different Positions on the Fano Resonance of Graphene Heptan Sciences (Switzerland), 2019, 9, 4345.	ners. Applied	2.5	0
2885	Independently tunable electromagnetically induced transparency effect and dispersior terahertz metamaterial. Scientific Reports, 2019, 9, 18068.	n in a multi-band	3.3	63
2886	Blockade-induced resonant enhancement of the optical nonlinearity in a Rydberg med Review A, 2019, 100, .	ium. Physical	2.5	9
2887	Collective suppression of optical hyperfine pumping in dense clouds of atoms in micro Review A, 2019, 100, .	otraps. Physical	2.5	10
2888	Double cascade dressed MOSFET from doped Eu ³⁺ and Pr ³⁺ YPO ₄ . RSC Advances, 2019, 9, 38828-38833.	> in a host	3.6	6
2889	Normal modes of strictly resonant and quasi-resonant regimes of electromagnetically transparency. Quantum Electronics, 2019, 49, 1019-1027.	induced	1.0	2
2890	Photon–photon correlations with a V-type three-level system interacting with two q modes. Optics Communications, 2019, 431, 1-9.	uantized field	2.1	3
2891	Investigation of Fano resonances in the optomechanical cavity via a magnetic field. Jou Optics, 2019, 66, 176-182.	urnal of Modern	1.3	5
2892	A sensitive and selective terahertz sensor for the fingerprint detection of lactose. Tala 1-5.	nta, 2019, 192,	5.5	41
2893	Tunable Metamaterial with Gold and Graphene Split-Ring Resonators and Plasmonicall Transparency. Nanomaterials, 2019, 9, 7.	y Induced	4.1	13

#	Article	IF	CITATIONS
2894	Multipole solitons in a cold atomic gas with a parity-time symmetric potential. Nonlinear Dynamics, 2019, 95, 2325-2332.	5.2	7
2895	Electromagnetically induced holographic imaging with Rydberg atoms. Optics Communications, 2019, 437, 290-296.	2.1	4
2896	Field-squeeze operators via coherent population trapping. Physical Review A, 2019, 99, .	2.5	0
2897	Exceptional points in optics and photonics. Science, 2019, 363, .	12.6	1,156
2898	Laser cooling of ions in a neutral plasma. Science, 2019, 363, 61-64.	12.6	34
2899	Optomechanically induced entanglement. Physical Review A, 2019, 99, .	2.5	17
2900	Tunable and polarization insensitive electromagnetically induced transparency using planar metamaterial. Journal of Magnetism and Magnetic Materials, 2019, 476, 69-74.	2.3	16
2901	Energy conversion from environmental fluctuations to coherent fields by Cooper-pair box quantum meta-materials. Journal of Physics Condensed Matter, 2019, 31, 055702.	1.8	1
2902	Implications of spectral hole burning on the manipulation of spatial Goos–HÃ ¤ chen shift in an atomic cell. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 781-788.	2.1	3
2903	Hybrid electromagnetically-optomechanically induced transparency in an atom-assisted optomechanical system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 105502.	1.5	2
2904	Induced Transparency in Plasmon–Exciton Nanostructures for Sensing Applications. Laser and Photonics Reviews, 2019, 13, 1800176.	8.7	35
2905	Vacuum-enhanced optical nonlinearities with disordered molecular photoswitches. Physical Review B, 2019, 99, .	3.2	8
2906	Frequency shift of an optical cavity mode due to a single-atom motion. Journal of Modern Optics, 2019, 66, 674-678.	1.3	1
2907	Integer and fractional electromagnetically induced Talbot effects in a ladder-type coherent atomic system. Optics Express, 2019, 27, 92.	3.4	24
2908	Quantum interference in second-harmonic generation from monolayer WSe2. Nature Physics, 2019, 15, 242-246.	16.7	77
2909	Optical quantum bit string comparator. Optical and Quantum Electronics, 2019, 51, 1.	3.3	4
2910	Soliton slow light for closed loop quantum systems. Physica Scripta, 2019, 94, 025103.	2.5	2
2911	Static force characterization with Fano anti-resonance in levitated optomechanics. Applied Physics Letters, 2019, 114,	3.3	8

#	Article	IF	CITATIONS
2912	Magnetically assisted optical gain in Zeeman degenerate two-level systems of cold atoms. Optics Communications, 2019, 433, 111-114.	2.1	4
2913	Quasi-exactly solvable quantum systems with explicitly time-dependent Hamiltonians. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 158-163.	2.1	10
2914	Optomechanically induced transparency under the influence of spin ensemble system. Optik, 2019, 179, 1027-1034.	2.9	4
2915	Investigation of electromagnetically induced transparency in quantum dots by using second quantization formalism. Optics and Laser Technology, 2019, 112, 508-513.	4.6	6
2916	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.	1.5	5
2917	The theory of selective reflection for a Fabry–Perot interferometer. Optics Communications, 2019, 436, 76-81.	2.1	2
2918	Investigation of the transmission properties of a plasmonic MIM waveguide coupled with two ring resonators. Materials Research Express, 2019, 6, 035018.	1.6	8
2919	Theory of interacting cavity Rydberg polaritons. Quantum Science and Technology, 2019, 4, 014005.	5.8	9
2920	Switching from EIT to EIA in a four-level N-type atomic system. Journal of Optics (India), 2019, 48, 65-69.	1.7	1
2921	Study of EIT resonances in an anti-relaxation coated Rb vapor cell. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 91-96.	2.1	16
2922	Entanglement Dynamics of a Three-level Atom in a Momentum Eigenstate Interacting with Non-linear Effect. Differential Equations and Dynamical Systems, 2019, 27, 585-600.	1.0	1
2923	Effects of electron-phonon coupling on electromagnetically induced transparency in second quantization approach. Optik, 2020, 201, 163495.	2.9	0
2924	Observation and theoretical simulation of N-resonances in Cs D2 lines. Physica Scripta, 2020, 95, 015404.	2.5	6
2925	Aharonov-Bohm-effect induced transparency and reflection in mesoscopic rings side coupled to a quantum wire. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 116, 113770.	2.7	19
2926	Enhanced Plasmonic-Induced Absorption Using a Cascade Scheme and Its Application as Refractive-Index Sensor. Photonic Sensors, 2020, 10, 162-170.	5.0	7
2927	Rydberg atom quantum technologies. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 012002.	1.5	167
2928	Tunable slow and fast light in an atom-assisted optomechanical system with a mechanical pump. Optics Communications, 2020, 456, 124605.	2.1	6
2929	Double transparency with slow and fast light in an optomechanical system. Optics Communications, 2020, 461, 125284.	2.1	10

#	Article	IF	CITATIONS
2930	Local modulation of double electromagnetically induced transparency in an inverted-Y atomic system. Laser Physics, 2020, 30, 025202.	1.2	2
2931	Dynamic manipulation of probe pulse and coherent generation of beating signals based on tunneling-induced inference in triangular quantum dot molecules*. Chinese Physics B, 2020, 29, 034204.	1.4	3
2932	Slow light pulse propagation through spherical quantum dot with on-center hydrogen impurity in magnetic field. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 118, 113883.	2.7	1
2933	Strong Coupling of a Single Ion to an Optical Cavity. Physical Review Letters, 2020, 124, 013602.	7.8	62
2934	Dynamically tunable multi-channel and polarization-independent electromagnetically induced transparency in terahertz metasurfaces. Journal Physics D: Applied Physics, 2020, 53, 135107.	2.8	15
2935	Dissipative solitons in an atomic medium assisted by an incoherent pumping field. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 065401.	1.5	0
2936	Population distribution in three-level electromagnetically induced transparent system. Optik, 2020, 203, 164039.	2.9	0
2937	Two photon conditional phase gate based on Rydberg slow light polaritons. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 054003.	1.5	7
2938	Selfâ€Assembled InAs/GaAs Coupled Quantum Dots for Photonic Quantum Technologies. Advanced Quantum Technologies, 2020, 3, 1900085.	3.9	16
2939	Allâ€Optical Spin–Orbit Coupling of Light in Coherent Media Using Rotating Image. Annalen Der Physik, 2020, 532, 1900371.	2.4	4
2940	Cross Phase Modulation in a Δ-type Three-Level System. International Journal of Theoretical Physics, 2020, 59, 68-76.	1.2	1
2941	Angular dependency of the polarization rotation in a coherent atomic medium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 025502.	1.5	1
2942	Two-photon resonances, ac Stark splittings, and shifts of the resonance peaks in Doppler free absorptive lineshapes of a double-lambda type four level system. Chemical Physics Letters, 2020, 739, 136955.	2.6	4
2943	Generation, control, storage and retrieval of complicated shaped four-wave mixing signal. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 045402.	1.5	2
2944	Quantum coherent manipulating of pulse propagation in diamond germanium-vacancy centers. Journal of Physics Condensed Matter, 2020, 32, 105402.	1.8	0
2945	Nearâ€Infrared Tunable Surface Lattice Induced Transparency in a Plasmonic Metasurface. Laser and Photonics Reviews, 2020, 14, 1900204.	8.7	15
2946	Double optomechanically induced transparency in a Laguerre-Gaussian rovibrational cavity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126153.	2.1	17
2947	Optical Magnetism and Huygens' Surfaces in Arrays of Atoms Induced by Cooperative Responses. Physical Review Letters, 2020, 125, 143604.	7.8	27

		CITATION REPOR	т
#	Article	IF	Citations
2948	Nonequilibrium diagrammatic approach to strongly interacting photons. Physical Review A, 2020,	102, . 2.5	6
2949	Frequency up-conversion of intense, ultrashort laser pulses at maximal atomic coherence. Physical Review A, 2020, 102, .	2.5	2
2950	Atom-Photon Spin-Exchange Collisions Mediated by Rydberg Dressing. Physical Review Letters, 20. 125, 143601.	20, 7.8	7
2951	Controlling Exciton-Phonon Interactions via Electromagnetically Induced Transparency. Physical Review Letters, 2020, 125, 173601.	7.8	16
2952	Controlled Transport of Stored Light. Physical Review Letters, 2020, 125, 150501.	7.8	15
2953	Induced Transparency with Optical Cavities. Advanced Photonics Research, 2020, 1, 2000009.	3.6	17
2954	Sub-Poissonian atom-number distributions by means of Rydberg dressing and electromagnetically induced transparency. Physical Review A, 2020, 102, .	2.5	2
2955	Control over spectral hole burning via spontaneously generated coherence and Kerr non-linearity. Optik, 2020, 224, 165558.	2.9	3
2956	Manipulation of electromagnetically induced transparency in all-dielectric metamaterials: From on-off to double transparent windows. Optik, 2020, 223, 165637.	2.9	1
2957	A tunable broadband microwave absorber based on coherent population trapping. Laser Physics, 2 30, 095201.	020, 1.2	0
2958	Controllable optical response in a quadratically coupled optomechanical system with mechanical driving. Optics Communications, 2020, 475, 126249.	2.1	6
2959	TUNING ELECTROMAGNETICALLY INDUCED TRANSPARENCY OF SUPERCONDUCTING METAMATEI ANALYZED WITH EQUIVALENT CIRCUIT APPROACH. Progress in Electromagnetics Research M, 202 29-37.	RIAL .0, 91, 0.9	5
2960	Tuning of Classical Electromagnetically Induced Reflectance in Babinet Chalcogenide Metamateria IScience, 2020, 23, 101367.	s. 4.1	7
2961	Improvement of Microwave Electric Field Measurement Sensitivity via Multi-Carrier Modulation in Rydberg Atoms. Applied Sciences (Switzerland), 2020, 10, 8110.	2.5	15
2962	Geometric Control of Collective Spontaneous Emission. Physical Review Letters, 2020, 125, 21360)2. 7.8	31
2963	Controllable double tunneling induced optical soliton storage in linear triple quantum dot molecules. European Physical Journal D, 2020, 74, 1.	1.3	6
2964	Multi-channel optomechanically induced amplification in a parity-time-symmetric Laguerre-Gaussia rovibrational-cavity system. European Physical Journal D, 2020, 74, 1.	n 1.3	6
2965	Probing laser-driven bound-state dynamics using attosecond streaking spectroscopy. Physical Revi A, 2020, 102, .	ew 2.5	2

#	Article	IF	CITATIONS
2966	Quantum Electrodynamic Control of Matter: Cavity-Enhanced Ferroelectric Phase Transition. Physical Review X, 2020, 10, .	8.9	72
2967	Nonlinear optical induced lattice in atomic configurations. Scientific Reports, 2020, 10, 13396.	3.3	3
2968	Electromagnetically induced transparency in Y-type atomic system. Journal of Physics: Conference Series, 2020, 1579, 012002.	0.4	0
2969	Electromagnetically induced absorption resonances in Hanle-configuration prepared in a paraffin coated ⁸⁷ Rb cell. Journal of Physics: Conference Series, 2020, 1492, 012011.	0.4	2
2970	A planar metamaterial based on metallic rectangular-ring pair for narrow electromagnetically induced transparency-like effect. Journal of Applied Physics, 2020, 128, 065105.	2.5	5
2971	Scheme for Bidirectional Quantum Teleportation of Unknown Electron-Spin States of Quantum Dots within Single-Sided Cavities. International Journal of Theoretical Physics, 2020, 59, 3705-3720.	1.2	3
2972	The five-level <mml:math <br="" display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML">id="d1e1241" altimg="si50.svg"><mml:mrow><mml:mi>l></mml:mi><mml:mo <br="" linebreak="goodbreak">linebreakstyle="after">â^'</mml:mo><mml:mi>lž</mml:mi></mml:mrow></mml:math> system as an optical switch under different wavelength mismatching regimes, including one due to Rydberg transition.	2.9	1
2973	Effective control and switching of optical multistability in a three-level V-type atomic system. Physical Review A, 2020, 102, .	2.5	10
2974	Light storage and retrieval in spherical semiconductor quantum dots with on-center hydrogen impurity in magnetic field. Superlattices and Microstructures, 2020, 147, 106691.	3.1	7
2975	Propagation of optically tunable coherent radiation in a gas of polar molecules. Scientific Reports, 2020, 10, 17615.	3.3	4
2976	Magnetic coil design for two dimensional magneto optical trap to realization of efficient quantum memory. AIP Conference Proceedings, 2020, , .	0.4	1
2977	Competition of Concentration Narrowing and Power Broadening of a Dark Resonance in a Ladder System of Rubidium Atoms: Specificities of Its Occurrence in Thin Spectroscopic Cells. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2020, 128, 1543-1550.	0.6	1
2978	Controlled-not gate with orbital angular momentum in a rare-earth-ion-doped solid. Journal of Luminescence, 2020, 228, 117628.	3.1	4
2979	Structural phase transitions of optical patterns in atomic gases with microwave-controlled Rydberg interactions. Physical Review A, 2020, 102, .	2.5	6
2980	Observation of an Electromagnetically Induced Grating in Cold 85Rb Atoms. Applied Sciences (Switzerland), 2020, 10, 5740.	2.5	13
2981	Controllable ultraslow optical solitons in a degenerated two-level atomic medium under EIT assisted by a magnetic field. Scientific Reports, 2020, 10, 15298.	3.3	13
2982	Interaction-Induced Transparency for Strong-Coupling Polaritons. Physical Review Letters, 2020, 125, 133604.	7.8	7
2983	Double Electromagnetically Induced Transparency and Its Slow Light Application Based on a Guided-Mode Resonance Grating Cascade Structure. Materials, 2020, 13, 3710.	2.9	11

#	Article	IF	CITATIONS
2984	Two-acoustic-cavity interaction mediated by superconducting artificial atoms. Quantum Information Processing, 2020, 19, 1.	2.2	2
2985	Talbot effect in nonparaxial self-accelerating beams with electromagnetically induced transparency. Frontiers of Physics, 2020, 15, 1.	5.0	9
2986	Control of space-dependent four-wave mixing in a four-level atomic system. Physical Review A, 2020, 102, .	2.5	30
2987	Optical transparency and nonlinearity for a five-level tripod system involving a Rydberg state. Optical and Quantum Electronics, 2020, 52, 1.	3.3	1
2989	Controllable enhanced linear and nonlinear optical characteristics induced by PT-like phase transition. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126836.	2.1	2
2990	Efficient nonlinear frequency mixing using Autler-Townes splitting. Physical Review A, 2020, 102, .	2.5	6
2991	Trapping effect and trajectory control of surface plasmon polaritons in a metal-dielectric-metal waveguide. Physical Review A, 2020, 102, .	2.5	6
2992	Conditional <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"><mml:mi>Ï€</mml:mi></mml:math> -Phase Shift of Single-Photon-Level Pulses at Room Temperature. Physical Review Letters, 2020, 125, 243601.	7.8	18
2993	Actively tunable THz filter based on an electromagnetically induced transparency analog hybridized with a MEMS metamaterial. Scientific Reports, 2020, 10, 20807.	3.3	42
2994	Broadband electromagnetically induced transparency in metamaterials based on hybridization bandgap. AIP Advances, 2020, 10, .	1.3	6
2995	Nature of interference between Autler–Townes peaks in generic multi-level system. European Physical Journal D, 2020, 74, 1.	1.3	3
2996	RF E-field Sensing Using Rydberg Atom-Based Microwave Electrometry. Mapan - Journal of Metrology Society of India, 2020, 35, 555-562.	1.5	7
2997	Vacuum-induced surface-acoustic-wave phonon blockade. Physical Review A, 2020, 101, .	2.5	14
2998	Large angle reciprocal electromagnetically induced transparency on fano resonance in metamaterials. Optical and Quantum Electronics, 2020, 52, 1.	3.3	1
2999	Atomic test of higher-order interference. Physical Review A, 2020, 101, .	2.5	4
3000	Preparation of Steady 3D Dark State Entanglement in Dissipative Rydberg Atoms via Electromagnetic Induced Transparency. Annalen Der Physik, 2020, 532, 2000059.	2.4	14
3001	Inverted-ladder-type optical excitation of potassium Rydberg states with hot and cold ensembles. Physical Review A, 2020, 101, .	2.5	3
3002	Bifurcations, time-series analysis of observables, and network properties in a tripartite quantum system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126565.	2.1	3

#	Article	IF	CITATIONS
3003	Atomic superheterodyne receiver based on microwave-dressed Rydberg spectroscopy. Nature Physics, 2020, 16, 911-915.	16.7	213
3004	Quantum dynamics in strongly driven random dipolar magnets. Physical Review B, 2020, 101, .	3.2	1
3005	Speeding up the creation of coherent superposition states by shortcut-to-adiabaticity means. Annals of Physics, 2020, 418, 168200.	2.8	3
3006	Observation of Laughlin states made of light. Nature, 2020, 582, 41-45.	27.8	79
3007	Coherent multidimensional photoelectron spectroscopy of ultrafast quasiparticle dressing by light. Nature Communications, 2020, 11, 2230.	12.8	38
3008	Nonlocal nonlinear optical X waves and their active control in a Rydberg atomic gas. Physical Review A, 2020, 101, .	2.5	4
3009	Narrowing of electromagnetically induced transparency by using structured coupling light in ⁸⁵ Rb atomic vapor medium. Laser Physics, 2020, 30, 065203.	1.2	8
3010	The discerning of optomechanically induced transparency and Autler-Townes splitting in an optomechanical system. Europhysics Letters, 2020, 130, 14001.	2.0	1
3011	Double Spectral Electromagnetically Induced Transparency Based on Double-Bar Dielectric Grating and Its Sensor Application. Applied Sciences (Switzerland), 2020, 10, 3033.	2.5	13
3012	Multiphoton Coherence Effects in Double-Inverted Y System. Journal of Russian Laser Research, 2020, 41, 215-224.	0.6	0
3013	Microwave electrometry via electromagnetically induced absorption in cold Rydberg atoms. Physical Review A, 2020, 101, .	2.5	53
3014	Coherent control of symmetric and asymmetric diffraction grating via relative phase. Journal of Modern Optics, 2020, 67, 737-745.	1.3	5
3015	Giant, low-loss magnetic responses and ultraslow magnetic solitons via plasmon-induced transparency. Physical Review A, 2020, 101, .	2.5	1
3016	Rydberg Atoms for Radio-Frequency Communications and Sensing: Atomic Receivers for Pulsed RF Field and Phase Detection. IEEE Aerospace and Electronic Systems Magazine, 2020, 35, 48-56.	1.3	36
3017	Systematic engineering of a nanostructure plasmonic sensing platform for ultrasensitive biomaterial detection. Optics Communications, 2020, 474, 126178.	2.1	55
3018	Dynamically tunable dual-band electromagnetically induced transparency-like in terahertz metamaterial. Optical Materials, 2020, 107, 110060.	3.6	17
3019	Selective Elimination of Homogeneous Broadening by Multidimensional Spectroscopy in the Electromagnetically Induced Transparency Regime. Journal of Physical Chemistry Letters, 2020, 11, 5504-5509.	4.6	0
3020	Features of magnetically-induced atomic transitions of the Rb D1 line studied by a Doppler-free method based on the second derivative of the absorption spectra. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 185002.	1.5	5

#	Article	IF	CITATIONS
3021	Off-axis optical vortices using double-Raman singlet and doublet light-matter schemes. Physical Review A, 2020, 101, .	2.5	16
3022	Acoustic demultiplexer based on Fano and induced transparency resonances in slender tubes. EPJ Applied Physics, 2020, 90, 10902.	0.7	14
3023	Actively mode tunable electromagnetically induced transparency in a polarization-dependent terahertz metamaterial. AIP Advances, 2020, 10, 045026.	1.3	13
3024	Electromagnetically induced transparency in a dipolar molecular system with Laguerre–Gaussian mode. Journal of Modern Optics, 2020, 67, 823-831.	1.3	1
3025	Electromagnetically Induced Acoustic Transparency with a Superconducting Circuit. Physical Review Letters, 2020, 124, 240402.	7.8	36
3026	Doppler narrowing of EIT linewidth in closed-loop systems. Pramana - Journal of Physics, 2020, 94, 1.	1.8	0
3027	Switchable Electromagnetically Induced Transparency with Toroidal Mode in a Graphene-Loaded All-Dielectric Metasurface. Nanomaterials, 2020, 10, 1064.	4.1	35
3028	Transparency in a chain of disparate quantum emitters strongly coupled to a waveguide. Physical Review A, 2020, 101, .	2.5	19
3029	A novel metamaterial design for achieving a large group index via classical electromagnetically induced reflectance. Optical and Quantum Electronics, 2020, 52, 1.	3.3	15
3030	Transient dynamics of nonlinear magneto-optical rotation in the presence of a transverse magnetic field. Physical Review A, 2020, 101, .	2.5	5
3031	Stopping light using a transient Bragg grating. Physical Review A, 2020, 101, .	2.5	1
3032	Molecular polaritons for controlling chemistry with quantum optics. Journal of Chemical Physics, 2020, 152, 100902.	3.0	186
3033	Probe response of a cavity-optomechanical system coupling to a frequency-dependent bath. Physical Review A, 2020, 101, .	2.5	4
3034	Suppression of quantum noise by two-mode squeezed states for photon propagation under conditions of electromagnetically induced transparency and four-wave mixing. Physical Review A, 2020, 101, .	2.5	2
3035	Continuous Generation of Quantum Light from a Single Ground-State Atom in an Optical Cavity. Physical Review Letters, 2020, 124, 093603.	7.8	9
3036	Electromagnetically Induced Transparency in Media with Rydberg Excitons 2: Cross-Kerr Modulation. Entropy, 2020, 22, 160.	2.2	5
3037	Conversion and storage of modes with orbital angular momentum in a quantum memory scheme. Physical Review A, 2020, 101, .	2.5	7
3038	Generation of arbitrary qubit states by adiabatic evolution split by a phase jump. Physical Review A, 2020, 101, .	2.5	10

#	Article	IF	CITATIONS
3039	High Sensitive Biosensors Based on the Coupling Between Surface Plasmon Polaritons on Titanium Nitride and a Planar Waveguide Mode. Sensors, 2020, 20, 1784.	3.8	10
3040	Controlling photonic spin Hall effect based on tunable surface plasmon resonance with an <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mtext>â^²coherent medium. Physical Review A. 2020. 101</mml:mtext></mml:mrow></mml:math 	:mtext> <r< td=""><td>nml:mi>typ</td></r<>	nml:mi>typ
3041	Effective Hamiltonian theory of the geometric evolution of quantum systems. Physical Review A, 2020, 101, .	2.5	3
3042	Adiabatic elimination and subspace evolution of open quantum systems. Physical Review A, 2020, 101, .	2.5	11
3043	Theoretical investigation of the transient regime of electromagnetically induced transparency in spherical quantum dot with on-center hydrogen impurity. Optical and Quantum Electronics, 2020, 52, 1.	3.3	1
3044	Non-Hermitian approach for quantum plasmonics. Journal of Chemical Physics, 2020, 152, 084105.	3.0	14
3045	Experimental demonstration of quantum interference modulation via precise dephasing control in atoms. Optics Communications, 2020, 466, 125655.	2.1	3
3046	The YouTube Marketing Communication Effect on Cognitive, Affective and Behavioural Attitudes among Generation Z Consumers. Sustainability, 2020, 12, 5075.	3.2	59
3047	Fast- and slow-light-enhanced light drag in a moving microcavity. Communications Physics, 2020, 3, .	5.3	19
3048	Observation of Quantum Phase Synchronization in Spin-1 Atoms. Physical Review Letters, 2020, 125, 013601.	7.8	49
3049	Sub-megahertz narrow-band photon pairs at 606 nm for solid-state quantum memories. APL Photonics, 2020, 5, .	5.7	15
3050	Doppler shift effect in storage of terahertz frequency signals in Rydberg atoms. AIP Conference Proceedings, 2020, , .	0.4	0
3051	Tunable plasmon-induced transparency based on monolayer black phosphorus by bright-dark mode coupling. Applied Physics Express, 2020, 13, 072006.	2.4	19
3052	Plasmonic resonators: fundamental properties and applications. Journal Physics D: Applied Physics, 2020, 53, 443002.	2.8	21
3053	Experimental realization of spin-tensor momentum coupling in ultracold Fermi gases. Physical Review A, 2020, 102, .	2.5	8
3054	Understanding asymmetry in electromagnetically induced transparency for 87Rb in strong transverse magnetic field. European Physical Journal D, 2020, 74, 1.	1.3	4
3055	Azimuthal modulation of probe absorption and transfer of optical vortices. Physica Scripta, 2020, 95, 085106.	2.5	3
3056	Resonance Bandwidth Controllable Adjustment of Electromagnetically Induced Transparency-like Using Terahertz Metamaterial. Plasmonics, 2020, 15, 1997-2002.	3.4	5

		CITATION RE	PORT	
#	Article		IF	CITATIONS
3057	Dark-state optical potential barriers with nanoscale spacing. Physical Review A, 2020,	101,.	2.5	7
3058	Transient optical response of cold Rydberg atoms with electromagnetically induced tra Physical Review A, 2020, 101, .	insparency.	2.5	23
3059	Self-trapped quantum walks. Physical Review A, 2020, 101, .		2.5	17
3060	Transparency and tunable slow-fast light in a hybrid cavity optomechanical system. Op 2020, 28, 5288.	tics Express,	3.4	37
3061	Coherent control of spatial and angular Goos-Hächen shifts in a metal-clad waveguid Physical Review A, 2020, 101, .	e structure.	2.5	13
3062	Actively tunable terahertz electromagnetically induced transparency analogue based o vanadium-oxide-assisted metamaterials. Applied Physics A: Materials Science and Proce 1.	n essing, 2020, 126,	2.3	25
3063	Coherent 420 nm laser beam generated by four-wave mixing in Rb vapor with a single laser. Chinese Physics B, 2020, 29, 043203.	continuous-wave	1.4	3
3064	Enhanced microwave electrometry with intracavity anomalous dispersion in Rydberg a and Quantum Electronics, 2020, 52, 1.	toms. Optical	3.3	6
3065	Time dependence of Rydberg EIT in pulsed optical and RF fields. Journal of Physics B: A and Optical Physics, 2020, 53, 094003.	comic, Molecular	1.5	16
3066	Giant second-order cross nonlinearities via direct perturbation to the dark state in coh population trapping. Physical Review A, 2020, 101, .	erent	2.5	1
3067	Wide-range line shape control of Fano-like resonances in all-dielectric multilayer struct on enhanced light absorption in photochromic waveguide layers. Journal of Applied Ph 073103.	ures based ysics, 2020, 127,	2.5	3
3068	Multiparticle Interactions for Ultracold Atoms in Optical Tweezers: Cyclic Ring-Exchang Physical Review Letters, 2020, 124, 073601.	ge Terms.	7.8	6
3069	Combined molecular-dynamics and quantum-trajectories simulation of laser-driven, co systems. Physical Review A, 2020, 101, .	lisional	2.5	2
3070	Linear and nonlinear crystal optics using the magnetic field of light. Physical Review A,	2020, 101, .	2.5	0
3071	Photothermally induced transparency. Science Advances, 2020, 6, eaax8256.		10.3	24
3072	Efficient Images Storage Due to a Microwave Field in a Cold Four-Level Atomic System Journal of Theoretical Physics, 2020, 59, 1199-1205.	International	1.2	0
3073	Second-order correlation function of fluorescence from a few atoms near plasmonic su Physica Scripta, 2020, 95, 034011.	ırface.	2.5	0
3074	Dark-time decay of the retrieval efficiency of light stored as a Rydberg excitation in a n ultracold gas. Physical Review A, 2020, 101, .	oninteracting	2.5	10

		CITATION REPORT		
#	Article		IF	CITATIONS
3075	Ion Imaging via Long-Range Interaction with Rydberg Atoms. Physical Review Letters, 20	020, 124, 053401.	7.8	13
3076	Optimized three-level quantum transfers based on frequency-modulated optical excitat Reports, 2020, 10, 2185.	ions. Scientific	3.3	18
3077	Electromagnetically induced transparency at a chiral exceptional point. Nature Physics, 334-340.	2020, 16,	16.7	156
3078	Resonance phenomena in electromagnetic metamaterials for the terahertz domain: a re of Electromagnetic Waves and Applications, 2020, 34, 1314-1337.	eview. Journal	1.6	11
3079	Optomechanical second-order sideband effects in a Laguerre–Gaussian rotational-cav Physica Scripta, 2020, 95, 045107.	vity system.	2.5	11
3080	Universal composite pulses for efficient population inversion with an arbitrary excitatio Physical Review A, 2020, 101, .	n profile.	2.5	11
3081	Fano resonance induced fast to slow light in a hybrid semiconductor quantum dot and nanoparticle system. Laser Physics Letters, 2020, 17, 025201.	metal	1.4	27
3082	A resonant single frequency molecular detector with high sensitivity and selectivity for mixtures. Scientific Reports, 2020, 10, 1537.	gas	3.3	6
3083	Complex structures in cavities with media displaying EIT: coexistence, defects and select mechanism. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 075	xtion 402.	1.5	5
3084	Tunable plasmon induced transparency in the ellipse-shaped resonators coupled waveg Physics, 2020, 16, 102981.	uide. Results in	4.1	8
3085	Numerical and Theoretical Study of Tunable Plasmonically Induced Transparency Effect Bright–Dark Mode Coupling in Graphene Metasurface. Nanomaterials, 2020, 10, 232	Based on	4.1	7
3086	Multiple Fano Resonances with Tunable Electromagnetic Properties in Graphene Plasmo Metamolecules. Nanomaterials, 2020, 10, 236.	onic	4.1	10
3087	Phase Diagram and Self-Organizing Dynamics in a Thermal Ensemble of Strongly Interac Atoms. Physical Review X, 2020, 10, .	cting Rydberg	8.9	26
3088	Majorana fermions induced Fano resonance and fast-to-slow light in a hybrid semiconductor/superconductor ring device. Quantum Information Processing, 2020, 19	9, 1.	2.2	7
3089	Formation of electromagnetically induced transparency and two-photon absorption in o open multi-level ladder systems. Optics Communications, 2020, 472, 126036.	close and	2.1	5
3090	Quantum-Mechanical Theory of the Nonlinear Optical Susceptibility. , 2020, , 137-202.			1
3091	Dynamically tunable multi-resonance and polarization-insensitive electromagnetically ir transparency-like based on vanadium dioxide film. Optical Materials, 2020, 102, 10981	nduced 1.	3.6	24
3092	Effect of quintic nonlinearity on self-phase modulation and modulation instability in mu coupled quantum wells under electromagnetically induced transparency. Results in Phy 103090.	ltiple sics, 2020, 17,	4.1	5

	Сітатіс	on Report	
#	Article	IF	CITATIONS
3093	Levitated cavity optomechanics in high vacuum. Quantum Science and Technology, 2020, 5, 025006.	5.8	31
3094	Application of Magnetically Induced Transitions of 87Rb Atoms in Coherent Optical Processes. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2020, 128, 12-20.	0.6	3
3095	All-microwave holonomic control of an electron-nuclear two-qubit register in diamond. Physical Review B, 2020, 101, .	3.2	8
3096	Review on plasmon induced transparency based on metal-dielectric-metal waveguides. Journal of Central South University, 2020, 27, 698-710.	3.0	4
3097	Effect of Damping on Magnetic Induced Resonances in Cross Waveguide Structures. Journal of Superconductivity and Novel Magnetism, 2021, 34, 597-608.	1.8	6
3098	Photon-pressure strong coupling between two superconducting circuits. Nature Physics, 2021, 17, 85-91.	16.7	25
3099	Active manipulation of plasmon-induced transparency based on a BiFeO3/Si hybrid metasurface in the terahertz range. Journal of Alloys and Compounds, 2021, 853, 157274.	5.5	2
3100	Recent optical sensing technologies for the detection of various biomolecules: Review. Optics and Laser Technology, 2021, 134, 106620.	4.6	72
3101	Symmetryâ€Assisted Spectral Line Shapes Manipulation in Dielectric Doubleâ€Fano Metasurfaces. Advance Optical Materials, 2021, 9, 2001874.	ed 7.3	12
3102	Tunable control of electromagnetically induced transparency effect in a double slot terahertz waveguide. Optics Communications, 2021, 483, 126632.	2.1	9
3103	Measurement of multi-frequency dispersions of Electromagnetically Induced Transparency windows using Spatial Light Modulator in rubidium vapor. Optik, 2021, 225, 165707.	2.9	3
3104	Dynamically Tunable Plasmon-induced Transparency in a T-shaped Cavity Waveguide Based on Bulk Dirac Semimetals. Plasmonics, 2021, 16, 323-332.	3.4	6
3105	A Real-Time Digital Receiver for Correlation Measurements in Atomic Systems. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	4.7	1
3106	Polarization-Controlled Dynamically Tunable Electromagnetically Induced Transparency-Like Effect Based on Graphene Metasurfaces. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-6.	2.9	53
3107	Negative superluminal velocity and violation of Kramers-Kronig relations in causal optical systems. Physical Review A, 2021, 103, .	2.5	0
3108	Effective Full Population Transfer in M-System Using Scanning Technique. Journal of Contemporary Physics, 2021, 56, 6-12.	0.6	1
3109	Generation of quantum entanglement based on electromagnetically induced transparency media. Optics Express, 2021, 29, 3928.	3.4	6
3110	Localized gap modes of coherently trapped atoms in an optical lattice. Optics Express, 2021, 29, 3011.	3.4	18

#	Article	IF	CITATIONS
3111	The analysis of coherent phenomena for both linear and non-linear interactions in a four-level ladder (Ξ)-type configuration using density matrix formalism in dressed state representation. Physica Scripta, 2021, 96, 035108.	2.5	3
3112	Photonic demultiplexers based on Fano and induced transparency resonances. , 2021, , 193-217.		1
3113	Photonic monomode circuits: comb structures. , 2021, , 219-285.		0
3114	Engineering helical phase via four-wave mixing in the ultraslow propagation regime. Physical Review A, 2021, 103, .	2.5	17
3115	Hardware-neutral tools for the exploration of optical phenomena in near-resonant atomic systems. International Journal of Modern Physics C, 2021, 32, 2150041.	1.7	3
3116	Induced transparency by interference or polarization. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	18
3117	A Metamaterial Design Based on Electromagnetic Induction Transparency-Like Effect and Its Slow-Wave Performance. Optics and Photonics Journal, 2021, 11, 79-88.	0.4	3
3118	Electromagnetically Induced Transparency-Like Terahertz Graphene Metamaterial With Tunable Carrier Mobility. IEEE Sensors Journal, 2021, 21, 14799-14806.	4.7	14
3119	Microwave quantum optics as a direct probe of the Overhauser field in a quantum dot circuit quantum electrodynamics device. Physical Review B, 2021, 103, .	3.2	1
3120	Dark-state and loss-induced phenomena in the quantum-optical regime of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">ĥ -type three-level systems. Physical Review A, 2021, 103, .</mml:mi </mml:math 	2.5	7
3121	Ground state cooling of an optomechanical resonator with double quantum interference processes*. Chinese Physics B, 2021, 30, 023701.	1.4	1
3122	Fluctuation-enhanced Kerr nonlinearity in an atom-assisted optomechanical system with atom-cavity interactions. Optics Express, 2021, 29, 5367.	3.4	4
3123	Wave packet shaping for a single-photon source. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 783.	2.1	2
3124	Two symmetric four-wave mixing signals generated in a medium with anomalous refractive index. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 045403.	1.5	3
3125	Strongly Correlated States of Light and Repulsive Photons in Chiral Chains of Three-Level Quantum Emitters. Physical Review Letters, 2021, 126, 083605.	7.8	22
3126	Phase-Controlled Pathway Interferences and Switchable Fast-Slow Light in a Cavity-Magnon Polariton System. Physical Review Applied, 2021, 15, .	3.8	29
3127	Engineering the level structure of a giant artificial atom in waveguide quantum electrodynamics. Physical Review A, 2021, 103, .	2.5	67
3128	Enhancement of electromagnetically induced transparency and absorption signals in 85Rb atomic vapor medium by using a small external magnetic field. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 630.	2.1	1

#	Article	IF	CITATIONS
3129	Pole-based analysis of coupled modes in metal–insulator–metal plasmonic structures. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 776.	2.1	2
3130	Microwave-assisted all-optical switching in a four-level atomic system. Pramana - Journal of Physics, 2021, 95, 1.	1.8	10
3131	Magneto-optical rotation of surface plasmon polaritons. Journal Physics D: Applied Physics, 2021, 54, 175107.	2.8	8
3132	Collective emission of photons from dense, dipole-dipole interacting atomic ensembles. Physical Review A, 2021, 103, .	2.5	5
3133	Active Modulation of an All-Dielectric Metasurface Analogue of Electromagnetically Induced Transparency in Terahertz. ACS Omega, 2021, 6, 4480-4484.	3.5	12
3134	Interaction of two-dimensional atomic lattices with a single surface plasmon polariton. Physical Review A, 2021, 103, .	2.5	2
3135	Motional quantum states of surface electrons on liquid helium in a tilted magnetic field. Physical Review B, 2021, 103, .	3.2	2
3136	Collective decay induce quantum phase transition in a well-controlled hybrid quantum system. Results in Physics, 2021, 21, 103832.	4.1	5
3137	Fast cooling of trapped ion in strong sideband coupling regime. New Journal of Physics, 2021, 23, 023018.	2.9	11
3138	Analog of electromagnetically induced transparency in metasurfaces composed of identical dielectric disks. Journal of Applied Physics, 2021, 129, .	2.5	7
3139	Efficient generation of stationary light pulses due to coupling between two lower levels. European Physical Journal Plus, 2021, 136, 1.	2.6	0
3140	Reconfigurable electromagnetically induced transparency metamaterial simultaneously coupled with the incident electric and magnetic fields. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 858.	2.1	0
3141	Conditional STIRAP based on Rydberg blockade: entanglement fidelities in three- and four-level schemes. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 045502.	1.5	1
3142	Dynamically tunable plasmon-induced transparency in waveguide based on Dirac semimetal. Europhysics Letters, 2021, 133, 44001.	2.0	0
3143	Dispersive properties of self–induced transparency in two–level media. Chaos, Solitons and Fractals, 2021, 143, 110611.	5.1	1
3144	Quantum frequency conversion based on resonant four-wave mixing. Physical Review A, 2021, 103, .	2.5	5
3145	External light control of three-dimensional ultrashort far-infrared pulses in an inhomogeneous array of carbon nanotubes. Physical Review B, 2021, 103, .	3.2	5
3146	Microwave controlled ground state coherence in an atom-based optical amplifier. OSA Continuum, 2021, 4, 702.	1.8	4

#	Article	IF	CITATIONS
3147	Controlled unidirectional reflection in cold atoms via the spatial Kramers-Kronig relation. Optics Express, 2021, 29, 5890.	3.4	12
3148	Controlling multiple optomechanically induced transparency in the distant cavity-optomechanical system*. Chinese Physics B, 2021, 30, 034209.	1.4	4
3149	Population Trapping in the Excited State of an Open Two-level Atomic System Under Non-Hermitian Feedback Controls. International Journal of Theoretical Physics, 2021, 60, 1556-1564.	1.2	0
3150	Impurity induced scale-free localization. Communications Physics, 2021, 4, .	5.3	52
3151	Assembly of a Rovibrational Ground State Molecule in an Optical Tweezer. Physical Review Letters, 2021, 126, 123402.	7.8	63
3152	Phase-sensitive modulation instability in asymmetric coupled quantum wells. Physical Review A, 2021, 103, .	2.5	9
3153	Phase-dependent fluctuations of resonance fluorescence near the coherent population trapping condition. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 055002.	1.5	1
3154	Transition between coupled-resonator-induced transparency and absorption. Physical Review A, 2021, 103, .	2.5	8
3155	Distinction of electromagnetically induced transparency and Autler-Towners splitting in a Rydberg-involved ladder-type cold atom system. Optics Express, 2021, 29, 11406.	3.4	9
3156	The controllable amplitude and shape of hyperfine spectra in a ladder-type three-level atomic system. International Journal of Modern Physics B, 2021, 35, 2150098.	2.0	2
3157	All-optical reversible single-photon isolation at room temperature. Science Advances, 2021, 7, .	10.3	41
3158	Light-shift comparison of electromagnetically induced transparency and coherent population trapping in continuous-wave and Ramsey spectroscopies. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 1270.	2.1	2
3159	Spatial vortex four-wave mixing in a five-level atomic system. Laser Physics, 2021, 31, 055401.	1.2	1
3160	Optomechanically induced transparency, amplification, and Fano resonance in a multimode optomechanical system with quadratic coupling. EPJ Quantum Technology, 2021, 8, .	6.3	3
3161	Twist-angle engineering of excitonic quantum interference and optical nonlinearities in stacked 2D semiconductors. Nature Communications, 2021, 12, 1553.	12.8	28
3162	Optical response based on Stokes and anti-Stokes scattering processes in cavity optomechanical system. Quantum Information Processing, 2021, 20, 1.	2.2	3
3163	Storage, Splitting, and Routing of Optical Peregrine Solitons in a Coherent Atomic System. Frontiers in Physics, 2021, 9, .	2.1	3
3164	Phase-controlled optical Kerr effect in a microwave-driven X-type atomic system. European Physical Journal Plus, 2021, 136, 1.	2.6	3

#	Article	IF	CITATIONS
3165	Dual-beam electromagnetically-induced absorption resonance in a ⁸⁷ Rb cell with antirelaxation coating. Journal of Physics: Conference Series, 2021, 1859, 012025.	0.4	1
3166	Enhanced fifth-order nonlinearity with competing linear and nonlinear susceptibility via Fano interference. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 1392.	2.1	3
3167	Enhanced optomechanically induced transparency via atomic ensemble in optomechanical system. Quantum Information Processing, 2021, 20, 116.	2.2	5
3168	Dynamics of an Atom Cavity Field System in Interacting Fock Space. International Journal of Theoretical Physics, 2021, 60, 954-967.	1.2	0
3169	Mapping time-dependent quasi-energies of laser dressed helium. Optics Express, 2021, 29, 11342.	3.4	5
3170	Microwave Frequency Demodulation Using two Coupled Optical Resonators with Modulated Refractive Index. Physical Review Applied, 2021, 15, .	3.8	2
3171	Spatially dependent hyper-Raman scattering in five-level cold atoms. Optics Express, 2021, 29, 10914.	3.4	10
3172	Active control scattering manipulation for realization of switchable EIT-like response metamaterial. Optics Communications, 2021, 483, 126664.	2.1	16
3173	Photon storage and routing in quantum dots with spin-orbit coupling. Optics Express, 2021, 29, 9772.	3.4	10
3174	Nonlinear dynamics of triple quantum dot molecules in a cavity: multi-stability of three types of cavity solitons. European Physical Journal D, 2021, 75, 1.	1.3	3
3175	Evolution of four-wave mixing by controlling Raman coherence in a multi-dressed atomic system. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 1564.	2.1	0
3176	Nonlinear topological edge states in a non-Hermitian array of optical waveguides embedded in an atomic gas. Physical Review A, 2021, 103, .	2.5	10
3177	Coherent population trapping in optically thin ¹³³ Cs atomic vapor in a finite-size cell. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 1613.	2.1	11
3178	Giant Kerr nonlinearities and magneto-optical rotations in a Rydberg-atom gas via double electromagnetically induced transparency. Physical Review A, 2021, 103, .	2.5	19
3179	ẢNH HÆ⁻ỞNG CỦA LASER LIÊN KẾT BÄ,NG Rá»~NG Äá́»I VỚI TRONG SUá»T CẢM ỨNG ÄlỆN TỪ 2, 71-77.	CỦA Há 0.0	i»† _O Klá»,U Λ V
3180	A Green's function approach to the linear response of a driven dissipative optomechanical system. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 215301.	2.1	10
3181	Quantum-enhanced two-photon spectroscopy using two-mode squeezed light. Optics Letters, 2021, 46, 1800.	3.3	19
3182	Tunable electromagnetically induced transparency metamaterial based on solid-state plasma: from a narrow band to a broad one. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 1571.	2.1	4

#	Article	IF	CITATIONS
3183	Vector spatiotemporal solitons in cold atomic gases with linear and nonlinear PT symmetric potentials. Optics Express, 2021, 29, 14016.	3.4	6
3184	Swapping of orbital angular momentum states of light in a quantum well waveguide. European Physical Journal Plus, 2021, 136, 1.	2.6	32
3185	Research progress in optical neural networks: theory, applications and developments. PhotoniX, 2021, 2, .	13.5	77
3186	Gaussian Pulse Distortion in a Nonlinear Induced Kerr Atomic Medium. Brazilian Journal of Physics, 2021, 51, 1265.	1.4	1
3187	Fiber Bragg grating-electromagnetically induced transparent fast optical switch. OSA Continuum, 2021, 4, 1473.	1.8	5
3188	Synchronized resistance of inhomogeneous magnetically induced dephasing of an image stored in a cold atomic ensemble. Physical Review A, 2021, 103, .	2.5	2
3189	Fast and dephasing-tolerant preparation of steady Knill-Laflamme-Milburn states via dissipative Rydberg pumping. Physical Review A, 2021, 103, .	2.5	29
3190	Electric-dipole forbidden transitions for probing atomic state preparation: the case of the Autler–Townes effect. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 095002.	1.5	4
3191	Antibunched photon-pair source based on photon blockade in a nondegenerate optical parametric oscillator. Physical Review A, 2021, 103, .	2.5	10
3192	Ultraslow Kuznetsov-Ma solitons and Ahkmediev breathers in a cold three-state medium exposed to nanosecond optical pulses. OSA Continuum, 2021, 4, 1488.	1.8	7
3193	Coherent interaction of atoms with a beam of light confined in a light cage. Light: Science and Applications, 2021, 10, 114.	16.6	16
3194	Two-channel cross-phase modulation based on the reversible storage of light in a cold atomic system. Indian Journal of Physics, 0, , 1.	1.8	0
3195	Near-Perfect Absorption of Light by Coherent Plasmon–Exciton States. Nano Letters, 2021, 21, 3864-3870.	9.1	8
3196	Magnetically induced optical transparency in a plasmon-exciton system. Physical Review A, 2021, 103, .	2.5	19
3197	Coherent-control mechanisms of Penning and associative ionization in cold He*(2Â3S)â^'He*(2Â3S) reactive scattering. Physical Review A, 2021, 103, .	2.5	0
3198	Active polarization-independent plasmon-induced transparency metasurface with suppressed magnetic attenuation. Optics Express, 2021, 29, 15541.	3.4	8
3199	A weakly-interacting many-body system of Rydberg polaritons based on electromagnetically induced transparency. Communications Physics, 2021, 4, .	5.3	6
3200	Observation of plasmonically induced transparency by the pump-probe technique. European Physical Journal: Special Topics, 2021, 230, 951-962.	2.6	0

#	Article	IF	CITATIONS
3201	The role of tunable nonlinear dark resonances on vacuum Rabi splitting and optical bistability in an atom-cavity system. Scientific Reports, 2021, 11, 10503.	3.3	0
3202	Light propagation in a three-dimensional Rydberg gas with a nonlocal optical response. Optics Express, 2021, 29, 15300.	3.4	1
3203	Gain without Population Inversion and Superluminal Propagation in the Metal Nanoparticles-Graphene Nanodisks-Quantum Dots Hybrid Systems. Journal of Physics Condensed Matter, 2021, 33, .	1.8	2
3204	Single-Photon Emission by the Plasmon-Induced Transparency Effect in Coupled Plasmonic Resonators. Photonics, 2021, 8, 188.	2.0	0
3205	Atomic population inversion and absorption dispersion-spectra driven by modified double-exponential quotient pulses in a three-level atom. Results in Physics, 2021, 24, 104108.	4.1	9
3206	Suppressing decoherence in quantum plasmonic systems by the spectral-hole-burning effect. Physical Review A, 2021, 103, .	2.5	3
3207	Optimal collection of radiation emitted by a trapped atomic ensemble. EPJ Quantum Technology, 2021, 8, .	6.3	2
3208	Electromagnetically induced transparency of powerful probe pulses. , 2021, , .		0
3209	Numerical study of large cross-phase modulation with stationary light pulses. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 1834.	2.1	1
3210	A dark state of Chern bands: Designing flat bands with higher Chern number. SciPost Physics, 2021, 10, .	4.9	5
3211	Scalability of All-Optical Neural Networks Based on Spatial Light Modulators. Physical Review Applied, 2021, 15, .	3.8	14
3212	Electromagnetically induced transparency in a four-level M-type spherical quantum dot in the presence of spherical metal nanoparticle by using Mie theory. Optik, 2021, 236, 166605.	2.9	2
3213	Rydberg excitation spectrum of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:mmultiscripts> <mml:mi mathvariant="normal">K <mml:mprescripts></mml:mprescripts> <mml:none /> <mml:mn>40</mml:mn> </mml:none </mml:mi </mml:mmultiscripts> ultracold Fermi gases. Physical Review A,</mml:math 	2.5	2
3214	2021, 103, . Controlling Interactions between Quantum Emitters Using Atom Arrays. Physical Review Letters, 2021, 126, 223602.	7.8	22
3215	Dynamics of bright optical solitons through a coherent atomic medium. Physica Scripta, 2021, 96, 105104.	2.5	2
3216	Ultraprecision quantum sensing and measurement based on nonlinear hybrid optomechanical systems containing ultracold atoms or atomic Bose–Einstein condensate. AVS Quantum Science, 2021, 3, .	4.9	21
3217	Degenerate cascade fluorescence: Optical spectral-line narrowing via a single microwave cavity*. Chinese Physics B, 2021, 30, 064211.	1.4	2

#	Article	IF	CITATIONS
3219	Flexible Control of Two-Channel Transmission and Group Delay in an Optomechanical System with Double Quantum Dots Driven by External Field. Nanomaterials, 2021, 11, 1554.	4.1	0
3220	Rydberg blockade in an ultracold strontium gas revealed by two-photon excitation dynamics. Physical Review A, 2021, 103, .	2.5	8
3221	Loading and spatially resolved characterization of a cold atomic ensemble inside a hollow-core fiber. Physical Review A, 2021, 103, .	2.5	3
3222	Electromagnetically induced transparency analog in terahertz hybrid metal–dielectric metamaterials. AIP Advances, 2021, 11, .	1.3	7
3223	Nonlinear absorption in interacting Rydberg electromagnetically-induced-transparency spectra on two-photon resonance. Physical Review A, 2021, 103, .	2.5	5
3224	Deterministic generation of genuine tri-partite hybrid atom–photon entanglement through dissipation. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 2090.	2.1	0
3225	Exchange of optical vortices in symmetry-broken quantum systems. Physical Review A, 2021, 103, .	2.5	38
3226	On the polarization rotation by means of electromagnetically induced transparency. Laser Physics Letters, 2021, 18, 086001.	1.4	1
3227	Controlling Multiple Optomechanically Induced Transparency in Charged Cavity Optomechanical System Assisted by Three-Level Atomic Ensemble. International Journal of Theoretical Physics, 2021, 60, 2216-2226.	1.2	0
3228	Control of an electromagnetically induced grating by Er ³⁺ ion concentration in an Er ³⁺ -doped YAG crystal. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 2036.	2.1	5
3229	Quantum squeezing of slow-light solitons. Physical Review A, 2021, 103, .	2.5	7
3230	Tunable photon blockade with a single atom in a cavity under electromagnetically induced transparency. Photonics Research, 2021, 9, 1226.	7.0	11
3232	Optical response of a dual membrane active–passive optomechanical cavity. Annals of Physics, 2021, 429, 168465.	2.8	10
3233	Bidirectional Electromagnetically Induced Transparency Based on Coupling of Magnetic Dipole Modes in Amorphous Silicon Metasurface. Nanomaterials, 2021, 11, 1550.	4.1	4
3234	Second harmonic generation by strongly coupled exciton–plasmons: The role of polaritonic states in nonlinear dynamics. Journal of Chemical Physics, 2021, 154, 244701.	3.0	7
3235	Efficient atomic memory using electromagnetically induced absorption. Physics Open, 2021, , 100081.	1.5	1
3236	Effective Control of the Optical Bistability of a Three-Level Quantum Emitter near a Nanostructured Plasmonic Metasurface. Photonics, 2021, 8, 285.	2.0	3
3237	Quantum Entanglement Among Multiple Memories for Continuous Variables. Advanced Quantum Technologies, 2021, 4, 2100071.	3.9	6
ARTICLE IF CITATIONS Electromagnetically induced transparency in the strong blockade regime using the four-photon 3238 2.5 5 excitation process in thermal rubidium vapor. Physical Review A, 2021, 104, . Comb-locked cavity-assisted double-resonance molecular spectroscopy based on diode lasers. Review 3239 1.3 of Scientific Instruments, 2021, 92, 073003. Optomechanically induced Faraday and splitting effects in a double-cavity optomechanical system. 3240 2.5 5 Physical Review A, 2021, 104, . Perfect higher-order squeezing via strong nonlinearity in microwave-modified electromagnetically 3241 induced transparency. Physical Review A, 2021, 104, . Fast Preparation and Detection of a Rydberg Qubit Using Atomic Ensembles. Physical Review Letters, 3242 7.8 25 2021, 127, 050501. 3243 Plasmons Coupling and Anti-crossing of Nanometal Asymmetric Dimer. Plasmonics, 0, , 1. 3.4 Electromagnetically induced transparency-like effect achieved by a simple nanosystem for double 3244 2.8 4 modulated mode sensor. Journal Physics D: Applied Physics, 2021, 54, 385105. Electromagnetically Induced Polarization Grating in a Quasi-M-Type Atomic System. International 3245 1.2 Journal of Theoretical Physics, 2021, 60, 3387-3395. Effect of spontaneously generated coherence (SGC) on the line shapes of absorption, transparency, 3246 dispersion and group index of a four-level inverted Y-type atomâ€"lasers coupling system. European 2.6 4 Physical Journal Plus, 2021, 136, 1. Discrepancy between transmission spectrum splitting and eigenvalue splitting: a reexamination on 3247 exceptional point-based sensors. Photonics Research, 2021, 9, 1645. Application of Magnetically Induced Transitions of the 85Rb D2 Line in Coherent Processes. Journal of 3248 0.9 5 Experimental and Theoretical Physics, 2021, 133, 16-25. Adsorption of graphene-based metamaterials and its application in detection of heavy metal ions. 3249 3.0 Optical Materials Express, 2021, 11, 2675. Self-organized structures of two-component laser fields and their active control in a cold Rydberg 3250 2.5 6 atomic gas. Physical Review A, 2021, 104, . NetSquid, a NETwork Simulator for QUantum Information using Discrete events. Communications 5.3 Physics, 2021, 4, . Monte Carlo simulations of electromagnetically induced transparency in a square lattice of Rydberg 3252 1.4 1 atoms*. Chinese Physics B, 2021, 30, 074206. Multilevel Laser Induced Continuum Structure. Entropy, 2021, 23, 891. 2.2 Integrated superconducting circuit for qubit and resonator protection*. Chinese Physics B, 2021, 30, 3254 1.4 1 078403. Switching electromagnetically induced transparency in all-dielectric Si metamaterials with 2.2 orthogonal double bright modes. Journal of Optics (United Kingdom), 2021, 23, 085101.

#	Article	IF	CITATIONS
3256	Dynamically tunable slow light characteristics in graphene based terahertz metasurfaces. Optics Communications, 2021, 491, 126949.	2.1	19
3257	Multiple-Fano-resonance-induced fast and slow light in the hybrid nanomechanical-resonator system. Physical Review A, 2021, 104, .	2.5	19
3258	Enhancing Autler-Townes splittings by ultrafast XUV pulses. Physical Review Research, 2021, 3, .	3.6	12
3259	Light-shift induced by two unbalanced spontaneous decay rates in EIT (CPT) spectroscopies under Ramsey pulse excitation*. Chinese Physics B, 2021, 30, 083203.	1.4	1
3260	Observation of rotational coherence in an excited state of CO ⁺ . Optics Letters, 2021, 46, 3893.	3.3	3
3261	A theoretical study of the group refractive index n g in a four-level inverted Y-type system formed by 87Rb atom – laser radiation interaction. Quantum Electronics, 2021, 51, 730-743.	1.0	1
3262	Terahertz hybrid metal-graphene metamaterials with tunable dual-band electromagnetically induced transparency. Optik, 2021, 240, 166784.	2.9	6
3263	Ferris wheel patterning of Rydberg atoms using electromagnetically induced transparency with optical vortex fields. Optics Letters, 2021, 46, 4204.	3.3	15
3264	Electromagnetically induced transparency in a V-system with ⁸⁷ Rb vapour in the hyperfine Paschen-Back regime. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 165403.	1.5	6
3265	Two-photon resonance fluorescence of two interacting nonidentical quantum emitters. Physical Review Research, 2021, 3, .	3.6	5
3266	Polarization-independent and angle-insensitive tunable electromagnetically induced transparency in terahertz metamaterials. Applied Optics, 2021, 60, 7784.	1.8	4
3267	1.6 GHz Frequency Scanning of a 482 nm Laser Stabilized Using Electromagnetically Induced Transparency. IEEE Photonics Technology Letters, 2021, 33, 780-783.	2.5	8
3268	Photon retention in coherently excited nitrogen ions. Science Bulletin, 2021, 66, 1511-1517.	9.0	12
3269	In situ ac Stark shift detection in light storage spectroscopy. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 165402.	1.5	1
3270	Single-photon-level light storage with distributed Rydberg excitations in cold atoms. Frontiers of Physics, 2022, 17, 1.	5.0	4
3271	Tunable optomechanically induced transparency and fast-slow light in a loop-coupled optomechanical system*. Chinese Physics B, 2021, 30, 094205.	1.4	4
3272	A Self-Calibrated SI-Traceable Rydberg Atom-Based Radio Frequency Electric Field Probe and Measurement Instrument. IEEE Transactions on Antennas and Propagation, 2021, 69, 5931-5941.	5.1	32
3273	Y-Shaped Demultiplexer Photonic Circuits Based on Detuned Stubs: Application to Radiofrequency Domain. Photonics, 2021, 8, 386.	2.0	4

#	Article	IF	Citations
3274	Nonlinear self-accelerating beam in atomic ensembles: Mathematical models and numerical calculations. Results in Physics, 2021, 28, 104634.	4.1	1
3275	Phase gradient protection of stored spatially multimode perfect optical vortex beams in a diffused rubidium vapor. Optics Express, 2021, 29, 31582.	3.4	7
3276	Graphene-Modulated Terahertz Metasurfaces for Selective and Active Control of Dual-Band Electromagnetic Induced Reflection (EIR) Windows. Nanomaterials, 2021, 11, 2420.	4.1	4
3277	The interference between a giant atom and an internal resonator. Communications in Theoretical Physics, 2021, 73, 115104.	2.5	3
3278	Design and Analysis of Slow Light Device based on Double Quantum Dots Tunneling Induced Transparency. , 2021, , .		1
3279	Electromagnetically induced grating via Kerr nonlinearity and spontaneously generated coherence in a Doppler broadened four-level N-type atomic system. Physica Scripta, O, , .	2.5	2
3280	Optomechanical isolation with tunable center frequency. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 175502.	1.5	0
3282	Electromagnetically induced transparency in natural and artificial molecules. Optics and Laser Technology, 2021, 141, 107168.	4.6	8
3283	Quantum memory of single-photon polarization qubits via double electromagnetically induced transparency. Physical Review A, 2021, 104, .	2.5	7
3284	Narrow-band high-lying excitonsÂwith negative-mass electrons in monolayer WSe2. Nature Communications, 2021, 12, 5500.	12.8	29
3285	Slow light effect in hybrid optomechanical system. International Journal of Quantum Chemistry, 0, , e26814.	2.0	4
3286	Static synthetic gauge field control of double optomechanically induced transparency in a closed-contour interaction scheme. Physical Review A, 2021, 104, .	2.5	4
3287	Plasmon-induced transparency effect in terahertz metamaterials. , 2021, , .		0
3288	Superradiance and anomalous hyperfine splitting in inhomogeneous ensembles. Physical Review A, 2021, 104, .	2.5	10
3289	Temporal analog of Fabry-Pérot resonator via coherent population trapping. Npj Quantum Information, 2021, 7, .	6.7	4
3290	Active modulation of electromagnetically induced transparency analog in graphene-based microwave metamaterial. Carbon, 2021, 183, 850-857.	10.3	24
3291	Dual-band plasmon induced transparency metamaterial based on multi-quasi-bright modes. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 413, 127556.	2.1	2
3292	Multipole solitons in cold atomic gases with parity-time potential. Optik, 2021, 243, 167386.	2.9	Ο

#	Article	IF	CITATIONS
3293	Role of intense laser-excited dressed states via electromagnetically induced transparency on the Fresnel-Fizeau photon drag through an asymmetric double quantum dot molecule (GaAs/AlGaAs) in the ĥ-type configuration. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 134, 114904.	2.7	7
3294	Multi-band THz white light cavity in Landau-quantized graphene. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 134, 114832.	2.7	0
3295	Polychromatic Kerr nonlinearity within electromagnetically induced transparency window. Results in Physics, 2021, 30, 104858.	4.1	3
3296	Competition between off-resonant and on-resonant processes in electromagnetically induced transparency in presence of magnetic field. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 416, 127673.	2.1	2
3297	Two-dimensional optical gap solitons and vortices in a coherent atomic ensemble loaded on optical lattices. Communications in Nonlinear Science and Numerical Simulation, 2021, 102, 105911.	3.3	16
3298	Interference induced microwave transmission in the YIG-microstrip cavity system. Journal of Magnetism and Magnetic Materials, 2021, 540, 168457.	2.3	3
3299	Electromagnetically induced transparency in metasurfaces composed from silicon or ceramic cylindrical resonators. , 2022, , 277-308.		0
3300	Parity-time symmetry and coherent perfect absorption in a cooperative atom response. Nanophotonics, 2021, 10, 1357-1366.	6.0	8
3301	Electromagnetic induced transparency, induced absorption, and Fano resonances in photonic circuits. , 2021, , 155-191.		0
3302	Low-loss high-fidelity frequency beam splitter with tunable split ratio based on electromagnetically induced transparency. Physical Review Research, 2021, 3, .	3.6	12
3303	Quantum Optical Phenomena in Nuclear Resonant Scattering. Topics in Applied Physics, 2021, , 105-171.	0.8	4
3304	Inter-ground-state crossover resonances formed in atomic vapor by a dual-frequency laser. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 435.	2.1	5
3305	Hybrid Dissipative and Dispersive Optomechanically Induced Transparency. IEEE Transactions on Quantum Engineering, 2021, 2, 1-8.	4.9	0
3306	Effects of probe ellipticity and longitudinal magnetic field on the polarization rotation in a coherently prepared atomic medium. OSA Continuum, 2021, 4, 105.	1.8	1
3307	Microwave-assisted coherent control of ultracold polar molecules in a ladder-type configuration of rotational states. Physical Chemistry Chemical Physics, 2021, 23, 4271-4276.	2.8	1
3308	Observation of Induced Transparency and Slow Light via Thermo-Optic Effect on a Silicon Chip. , 2021, ,		0
3310	Quantum and Nonlinear Optics with Hard X-Rays. , 2020, , 1399-1431.		4
3311	Quantum and Nonlinear Ontics with Hard X-Rays. , 2015. , 1-28.		2

#	Article	IF	CITATIONS
3312	Interacting Cold Rydberg Atoms: A Toy Many-Body System. Progress in Mathematical Physics, 2016, , 177-198.	0.4	3
3313	Free Space Interference Experiments with Single Photons and Single Ions. Nano-optics and Nanophotonics, 2015, , 99-124.	0.2	2
3314	Coherent magneto-optical activity in a single chiral carbon nanotube. Nanoscience and Technology, 2010, , 151-180.	1.5	1
3316	Plasmonic Demultiplexer Based on Induced Transparency Resonances: Analytical and Numerical Study. Lecture Notes in Electrical Engineering, 2021, , 239-247.	0.4	5
3320	Nonlinear properties of optically dense medium excited by multifrequency laser radiation. EPJ Web of Conferences, 2017, 161, 02004.	0.3	1
3321	Combined effect of non-linear optical and collisional processes on absorption saturation in a dense rubidium vapour. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 125402.	1.5	5
3322	A global crossover saturated-absorption spectroscopy induced by dual-frequency laser. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 205402.	1.5	7
3323	Study of multi-window electromagnetically induced transparency (EIT) and related dispersive signals in V-type systems in the Zeeman sublevels of hyperfine states of 87Rb-D2 line. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 235401.	1.5	5
3324	Mechanical control of terahertz plasmon-induced transparency in single/double-layer stretchable metamaterial. Journal Physics D: Applied Physics, 2021, 54, 035101.	2.8	13
3325	Many-body decoherence dynamics and optimized operation of a single-photon switch. New Journal of Physics, 2016, 18, 092001.	2.9	16
3326	Nonlinear radiation oscillator theory for symmetric and anti-symmetric damping graphene coupled metamaterials. New Journal of Physics, 2020, 22, 093043.	2.9	3
3327	Modifying optical properties of three-level V-type atomic medium by varying external magnetic field. Physica Scripta, 2020, 95, 105103.	2.5	3
3328	Efficient two-dimensional atom localization in a five-level conductive chiral atomic medium via birefringence beam absorption spectrum. Communications in Theoretical Physics, 2021, 73, 015102.	2.5	17
3329	Bound in continuum states and induced transparency in mesoscopic demultiplexer with two outputs. Chinese Physics B, 2020, 29, 127301.	1.4	3
3330	Polarization-insensitive complementary metamaterial structure based on graphene for independently tuning multiple transparency windows. Chinese Physics B, 2020, 29, 114203.	1.4	4
3331	Doppler narrowing, Zeeman and laser beam-shape effects in ĥ-type electromagnetically induced transparency on the 85Rb D2 line in a vapor cell. Journal of Physics Communications, 2020, 4, 095020.	1.2	4
3332	Electromagnetically induced transparency of ultra-long-range Rydberg molecules. Physical Review A, 2017, 96, .	2.5	17
3333	Continuous Phase Transition without Gap Closing in Non-Hermitian Quantum Many-Body Systems. Physical Review Letters, 2020, 125, 260601.	7.8	69

#	Article	IF	Citations
3334	Quantum Many-Body Dynamics of Driven-Dissipative Rydberg Polaritons. Physical Review Letters, 2020, 125, 263604.	7.8	7
3335	Fano interference for tailoring near-field radiative heat transfer. Physical Review Materials, 2017, 1, .	2.4	13
3336	Subradiance-protected excitation spreading in the generation of collimated photon emission from an atomic array. Physical Review Research, 2020, 2, .	3.6	31
3337	Polariton dynamics in strongly interacting quantum many-body systems. Physical Review Research, 2020, 2, .	3.6	6
3338	<i>Ab initio</i> quantum models for thin-film x-ray cavity QED. Physical Review Research, 2020, 2, .	3.6	16
3339	Photon propagation through dissipative Rydberg media at large input rates. Physical Review Research, 2020, 2, .	3.6	19
3340	Nondestructive photon counting in waveguide QED. Physical Review Research, 2020, 2, .	3.6	9
3341	Long light storage time in an optical fiber. Physical Review Research, 2020, 2, .	3.6	7
3342	Interplay of quantum phase transition and flat band in hybrid lattices. Physical Review Research, 2020, 2, .	3.6	9
3343	Atomic-waveguide quantum electrodynamics. Physical Review Research, 2020, 2, .	3.6	49
3344	Atomic spin-wave control and spin-dependent kicks with shaped subnanosecond pulses. Physical Review Research, 2020, 2, .	3.6	10
3345	Exponential Improvement in Photon Storage Fidelities Using Subradiance and "Selective Radiance―in Atomic Arrays. Physical Review X, 2017, 7, .	8.9	263
3346	Tunable plasmon-induced transparency in plasmonic metamaterial composed of three identical rings. Optical Engineering, 2017, 56, 1.	1.0	5
3347	Superconducting atom chips: towards quantum hybridization. , 2017, , .		1
3348	A read-out enhancement for microwave electric field sensing with Rydberg atoms. , 2018, , .		9
3349	A transimpedance amplifier based on an LTPS process operated in alkali vapor for the measurement of an ionization current. , 2018, , .		1
3350	Atom-based sensing of microwave electric fields using highly excited atoms: mechanisms affecting sensitivity. , 2019, , .		1
3351	Dark Resonances in Quantum Optics. Acta Physica Polonica A, 2007, 112, 723-728.	0.5	6

#	Article	IF	CITATIONS
3352	Superluminal Pulse Propagation in a One-Sided Nanomechanical Cavity System. Acta Physica Polonica A, 2013, 124, 46-49.	0.5	6
3353	Electromagnetically Induced Transparency. Computational Methods in Science and Technology, 2010, Special Issue, 131-145.	0.3	7
3354	Frequency stabilization method for transition to a Rydberg state using Zeeman modulation. Applied Optics, 2020, 59, 2108.	1.8	18
3355	THz white light cavity with nonlinear dispersion in graphene. Applied Optics, 2020, 59, 3886.	1.8	5
3356	Dispersive microwave electrometry using Zeeman frequency modulation spectroscopy of electromagnetically induced transparency in Rydberg atoms. Applied Optics, 2020, 59, 8253.	1.8	16
3357	Nonlinear polarization spectroscopy of a Rydberg state for laser stabilization. Applied Optics, 2017, 56, B92.	2.1	7
3358	Theoretical design for generation of slow light in a two-dimensional magneto optical trap using electromagnetically induced transparency. Applied Optics, 2017, 56, 3817.	2.1	11
3359	Wavelength-sensitive PIT-like double-layer graphene-based metal–dielectric–metal waveguide. Applied Optics, 2018, 57, 9770.	1.8	6
3360	High-efficiency tunable plasmonically induced transparency-like effect in metasurfaces composed of graphene nano-rings and ribbon arrays and its application. Applied Optics, 2019, 58, 3664.	1.8	18
3361	Optical switching and bistability in a degenerated two-level atomic medium under an external magnetic field. Applied Optics, 2019, 58, 4192.	1.8	25
3362	Quantum steering of a two-mode Gaussian state using a quantum beat laser. Applied Optics, 2019, 58, 7014.	1.8	9
3363	Anomalies in light scattering. Advances in Optics and Photonics, 2019, 11, 892.	25.5	161
3364	EIT and STIRAP in waveguides: Linear and nonlinear effects in a three-core coupled system. , 2007, , .		2
3365	Electromagnetically induced gain-phase grating in a double V-type quantum system. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2019, 36, 549.	1.5	5
3366	Dual dynamically tunable plasmon-induced transparency in H-type-graphene-based slow-light metamaterial. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2019, 36, 1306.	1.5	25
3367	Electromagnetically induced acoustic wave transparency in a diamond mechanical resonator. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 2242.	2.1	12
3368	Tunable narrowband plasmonic resonances in electromagnetically induced transparency media. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 1981.	2.1	3
3369	Characterization of frequency stability in electromagnetically induced transparency-based atomic clocks using a differential detection scheme. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 2244.	2.1	11

CITATION REPORT ARTICLE IF CITATIONS Double-cavity optical bistability and all-optical switching in four-level N-type atomic system. Journal 3370 2.1 7 of the Optical Society of America B: Optical Physics, 2018, 35, 1240. Direct and cascaded collective third-harmonic generation in metasurfaces. Journal of the Optical Society of America B: Optical Physics, 2019, 36, E71. 3371 2.1 Electromagnetically induced transparency with a single frequency comb mode probe. Journal of the 3372 2.1 11 Optical Society of America B: Optical Physics, 2019, 36, 1758. Surface polaritonic solitons and breathers in a planar plasmonic waveguide structure via electromagnetically induced transparency. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 2160. Dynamics of a quantum oscillator coupled with a three-level \hat{b} -type emitter. Journal of the Optical 3374 2.1 3 Sóciety of America B: Optical Physics, 2019, 36, 2473. Tunable group delay in a doubly resonant metasurface composed of two dissimilar split-ring resonators. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 2694. 2.1 Resonantly enhanced harmonic generation via dressed states with large Autler–Townes splittings. 3376 2.1 2 Journal of the Optical Society of America B: Optical Physics, 2019, 36, 2777. Manipulating giant cross-Kerr nonlinearity at multiple frequencies in an atomic gaseous medium. 3377 2.1 Journal of the Optical Society of America B: Optical Physics, 2019, 36, 2856. Effect of Doppler broadening on giant self-Kerr nonlinearity in a five-level ladder-type system. Journal 3378 2.1 12 of the Optical Society of America B: Optical Physics, 2019, 36, 3151. Influence of dephasing on the Akaike-information- criterion distinguishing of quantum interference 3379 and Autler–Townes splitting in coherent systems. Journal of the Optical Society of America B: Optical 2.1 Physics, 2020, 37, 49. Transfer of optical vortices using two-photon processes in a diamond configuration atomic system. 3380 2 2.1 Journal of the Optical Society of America B: Optical Physics, 2020, 37, 902. Spacing-dependent electromagnetically induced transparency with two nuclear ensembles inside an 2.1 x-ray planar cavity. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 745. Mechanical driving mediated slow light in a quadratically coupled optomechanical system. Journal of 3382 2.1 9 the Optical Society of America B: Optical Physics, 2020, 37, 650. Pulse propagation in the slow and stopped light regime. Optics Express, 2018, 26, 19294. 3.4 Macroscopically distinct superposition in a spin ensemble coupled to superconducting flux-qubits. 3384 3.4 4 Optics Express, 2019, 27, 377. Active multifunctional terahertz modulator based on plasmonic metasurface. Optics Express, 2019, 27, 13 2363. Storage of Airy wavepackets based on electromagnetically induced transparency. Optics Express, 2019, 3386 3.4 4 27, 6370.

3387	Multiple EIT and EIA in optical microresonators. Optics Express, 2019, 27, 7344.	3.4	35

#

#	Article	IF	CITATIONS
3388	On-chip plasmon-induced transparency in THz metamaterial on a LiNbO3 subwavelength planar waveguide. Optics Express, 2019, 27, 7373.	3.4	10
3389	High quality factor electromagnetically induced transparency-like effect in coupled guided-mode resonant systems. Optics Express, 2019, 27, 7712.	3.4	18
3390	Angle-independent strong coupling between plasmonic magnetic resonances and excitons in monolayer WS ₂ . Optics Express, 2019, 27, 22951.	3.4	39
3391	Optical nonreciprocity and slow light in coupled spinning optomechanical resonators. Optics Express, 2019, 27, 25515.	3.4	44
3392	Temperature-resistant generation of robust entanglement with blue-detuning driving and mechanical gain. Optics Express, 2019, 27, 29581.	3.4	10
3393	Ultraslow vortex four-wave mixing via multiphoton quantum interference. Optics Express, 2019, 27, 29863.	3.4	31
3394	Coherent population trapping based atomic reservoir for almost perfect higher-order squeezing. Optics Express, 2019, 27, 30530.	3.4	3
3395	Simulation study on active control of electromagnetically induced transparency analogue in coupled photonic crystal nanobeam cavity-waveguide systems integrated with graphene. Optics Express, 2019, 27, 32122.	3.4	16
3396	Electromagnetically induced absorption scheme for vapor-cell atomic clock. Optics Express, 2019, 27, 36034.	3.4	14
3397	Nonreciprocal interference and coherent photon routing in a three-port optomechanical system. Optics Express, 2020, 28, 3647.	3.4	10
3398	DC electric fields in electrode-free glass vapor cell by photoillumination. Optics Express, 2020, 28, 3676.	3.4	9
3399	Manipulation of optomechanically induced transparency and absorption by indirectly coupling to an auxiliary cavity mode. Optics Express, 2020, 28, 580.	3.4	14
3400	Magneto-optical resonances in fluorescence from sodium D ₂ manifold. Optics Express, 2020, 28, 1114.	3.4	7
3401	Ultra-narrowband polarization insensitive transmission filter using a coupled dielectric-metal metasurface. Optics Express, 2020, 28, 773.	3.4	20
3402	Single-photon-level narrowband memory in a hollow-core photonic bandgap fiber. Optics Express, 2020, 28, 5340.	3.4	12
3403	Tunable and enhanced Goos-Hächen shift via surface plasmon resonance assisted by a coherent medium. Optics Express, 2020, 28, 6036.	3.4	22
3404	Electromagnetically induced transparency of interacting Rydberg atoms with two-body dephasing. Optics Express, 2020, 28, 9677.	3.4	6
3405	Electromagnetically induced transparency in terahertz metasurface composed of meanderline and U-shaped resonators. Optics Express, 2020, 28, 8792.	3.4	40

#	Article	IF	CITATIONS
3406	Excitation of graphene surface plasmons polaritons by guided-mode resonances with high efficiency. Optics Express, 2020, 28, 13224.	3.4	12
3407	Efficient all-optical router and beam splitter for light with orbital angular momentum. Optics Express, 2020, 28, 19750.	3.4	4
3408	All-THz pump-probe spectroscopy of the intersubband AC-Stark effect in a wide GaAs quantum well. Optics Express, 2020, 28, 25358.	3.4	2
3409	Generation and propagation of hyperbolic secant solitons, Peregrine solitons, and breathers in a coherently prepared atomic system. Optics Express, 2020, 28, 31287.	3.4	2
3410	Electromagnetically induced transparency in a mono-isotopic ¹⁶⁷ Er: ⁷ LiYF ₄ crystal below 1 Kelvin: microwave photonics approach. Optics Express, 2020, 28, 29166.	3.4	5
3411	Optically tunable grating in a <i>V</i> + <i>ĺž</i> configuration involving a Rydberg state. Optics Express, 2020, 28, 23820.	3.4	38
3412	Mean field theory of weakly-interacting Rydberg polaritons in the EIT system based on the nearest-neighbor distribution. Optics Express, 2020, 28, 28414.	3.4	6
3413	Integrated in-fiber coupler for a whispering-gallery mode microsphere resonator. Optics Letters, 2020, 45, 1467.	3.3	20
3414	Nonparaxial self-accelerating beams in an atomic vapor with electromagnetically induced transparency. Optics Letters, 2016, 41, 5644.	3.3	11
3415	Storage and retrieval of slow-light dark solitons. Optics Letters, 2020, 45, 6787.	3.3	7
3416	Second-order nonlinearity induced transparency. Optics Letters, 2017, 42, 1289.	3.3	16
3417	Effect of stray fields on Rydberg states in hollow-core PCF probed by higher-order modes. Optics Letters, 2017, 42, 3271.	3.3	11
3418	Active control of light slowing enabled by coupling electromagnetic metamaterials with low-lossy graphene. Optics Letters, 2018, 43, 4891.	3.3	5
3419	Coherent optical modulation of graphene based on coherent population oscillation. Optics Letters, 2019, 44, 223.	3.3	2
3420	Dark resonance formation with magnetically induced transitions: extension of spectral range and giant circular dichroism. Optics Letters, 2019, 44, 1391.	3.3	17
3421	Experimental realization of optical storage of vector beams of light in warm atomic vapor. Optics Letters, 2019, 44, 1528.	3.3	16
3422	Collimated UV light generation by two-photon excitation to a Rydberg state in Rb vapor. Optics Letters, 2019, 44, 2931.	3.3	19
3423	Dynamically configurable, successively switchable multispectral plasmon-induced transparency. Optics Letters, 2019, 44, 3829.	3.3	5

#	Article	IF	Citations
3424	Observation of diffraction pattern in two-dimensional optically induced atomic lattice. Optics Letters, 2019, 44, 4123.	3.3	53
3425	Magnetic phase diagram of light-mediated spin structuring in cold atoms. Optica, 2018, 5, 1322.	9.3	13
3426	Probing, quantifying, and freezing coherence in a thermal ensemble of atoms. Optica, 2018, 5, 1462.	9.3	5
3427	Stable single light bullets and vortices and their active control in cold Rydberg gases. Optica, 2019, 6, 309.	9.3	53
3428	Excitation of single-photon embedded eigenstates in coupled cavity–atom systems. Optica, 2019, 6, 799.	9.3	24
3429	All-optical neural network with nonlinear activation functions. Optica, 2019, 6, 1132.	9.3	222
3430	Reconfigurable nonlinear nonreciprocal transmission in a silicon photonic integrated circuit. Optica, 2020, 7, 7.	9.3	23
3431	Quantum nonreciprocality in quadratic optomechanics. Photonics Research, 2020, 8, 143.	7.0	48
3432	Continuously-tunable Cherenkov-radiation-based detectors via plasmon index control. Nanophotonics, 2020, 9, 1479-1489.	6.0	8
3433	Scattering of a single plasmon polariton by multiple atoms for in-plane control of light. Nanophotonics, 2020, 10, 579-587.	6.0	3
3434	Polariton panorama. Nanophotonics, 2020, 10, 549-577.	6.0	155
3435	Electromagnetically induced transparency with Rydberg atoms across the Breit-Rabi regime. SciPost Physics, 2017, 2, .	4.9	10
3436	Quantum computing with neutral atoms. Quantum - the Open Journal for Quantum Science, 0, 4, 327.	0.0	184
3437	Electromagnetically Induced Transparency in Media with Rydberg Excitons 1: Slow Light. Entropy, 2020, 22, 177.	2.2	5
3438	Radiation-Pressure Effects in Cold-Atom Absorption Spectroscopy and Electromagnetically Induced Transparency. Journal of Modern Physics, 2017, 08, 1884-1893.	0.6	1
3439	Electromagnetically Induced Transparency Using a Artificial Molecule in Circuit Quantum Electrodynamics. Optics and Photonics Journal, 2013, 03, 29-33.	0.4	4
3440	Intracavity Tunneling Introduced Transparency in Ultrastrong-coupling Regime. Optics and Photonics Journal, 2013, 03, 293-297.	0.4	1
3441	Quantum Electrodynamics in Photonic Crystal Nanocavities towards Quantum Information Processing. , 0, , .		1

#	Article	IF	CITATIONS
3442	Tunable three photonic band-gaps coherently induced in one-dimensional cold atomic lattices. Wuli Xuebao/Acta Physica Sinica, 2014, 63, 034209.	0.5	2
3443	Dynamic generation and manipulaition of electromagnetically induced 2D phtonic band-gaps. Wuli Xuebao/Acta Physica Sinica, 2014, 63, 224203.	0.5	1
3444	Analysis on the absorption curve asymmetry of electromagnetically induced transparency in Rb87 cold atoms. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 034206.	0.5	2
3445	Dark soliton in the system of electromagnetically induced transparency. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 064202.	0.5	2
3446	Study on atomic localization of Λ-type quasi-four level atoms based on absorption with quantum coherent control. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 134204.	0.5	1
3447	Optical precursors via spontaneously generated coherence. Wuli Xuebao/Acta Physica Sinica, 2016, 65, 104201.	0.5	1
3448	Controlling of dark or bright soliton type in a cascade-type electromagnetically induced transparency semiconductor quantum well by the coupling longitudinal optical phonons. Wuli Xuebao/Acta Physica Sinica, 2017, 66, 034202.	0.5	8
3449	Tunable grapheme amplitude based broadband electromagnetically-induced-transparency-like metamaterial. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 097801.	0.5	5
3450	Deterministic quantum entanglement among multiple quantum nodes. Wuli Xuebao/Acta Physica Sinica, 2019, 68, 034202.	0.5	2
3451	Phase in Rydberg electromagnetically induced transparency. Wuli Xuebao/Acta Physica Sinica, 2019, 68, 084203.	0.5	2
3452	Research progress of Rydberg many-body interaction. Wuli Xuebao/Acta Physica Sinica, 2020, 69, 180301.	0.5	3
3453	Steady-State Solution for Dark States Using a Three-Level System in Coupled Quantum Dots. Japanese Journal of Applied Physics, 2012, 51, 02BJ07.	1.5	6
3454	Enhancement of single-photon emission rate by plasmon induced transparency in metal-insulator-metal waveguides. , 2021, , .		0
3455	Witnessing quantum correlations in a nuclear ensemble via an electron spin qubit. Nature Physics, 2021, 17, 1247-1253.	16.7	19
3456	Spherical symmetry and nonmagnetic dielectrics in analog models of gravity. Physical Review A, 2021, 104, .	2.5	1
3457	Optimal atomic quantum sensing using electromagnetically-induced-transparency readout. Physical Review A, 2021, 104, .	2.5	21
3458	Effects of giant Kerr and quintic nonlinearities on electromagnetically induced grating in multiple quantum wells. European Physical Journal D, 2021, 75, 1.	1.3	0
3459	Electromagnetically induced transparency basedmetal dielectric metamaterial and its terahertzsensing application. Applied Optics, 2021, 60, 10610-10616.	1.8	1

#	Article	IF	CITATIONS
3460	Arithmetic operation of orbital angular momentum of light via slow-light four-wave mixing. Journal of Luminescence, 2022, 242, 118551.	3.1	1
3461	Majorana fermions induced fast- and slow-light in a hybrid semiconducting nanowire/superconductor device. Chinese Physics B, 2022, 31, 027802.	1.4	1
3462	Optomechanically induced transparency and Fano resonance in a four-mirror cavity. Physica Scripta, 2021, 96, 125112.	2.5	0
3463	Electromagnetically induced grating using Rydberg atom in the vicinity of metal nanoparticle. Physica Scripta, 2021, 96, 125115.	2.5	0
3464	Singularities in nearly uniform one-dimensional condensates due to quantum diffusion. Physical Review A, 2021, 104, .	2.5	1
3465	Measurement-Device-Independent Verification of a Quantum Memory. Physical Review Letters, 2021, 127, 160502.	7.8	8
3466	Azimuthal modulation of electromagnetically induced grating using structured light. Scientific Reports, 2021, 11, 20721.	3.3	41
3467	Analysis of a strange attractor of the laser type by means of the Maxwell-Bloch equations using the Lorentz equations. Journal of Physics: Conference Series, 2021, 2046, 012021.	0.4	0
3468	Slow-light soliton stability with respect to atomic relaxation. , 2007, , .		0
3469	Phase dynamics in Electro-magnetically induced transparency. , 2007, , .		0
3470	Negative refraction and electromagnetically induced chirality. , 2007, , .		0
3471	Stationary light and Bose-Einstein Condensation of Slow-Light Polaritons. , 2008, , .		0
3472	Manipulate retrieval of stored light pulses. , 2008, , .		0
3473	Non-linear optics using Rydberg ensembles. , 2009, , .		0
3474	Slow and stored light manipulations at high atomic densities. , 2009, , .		0
3475	Observation of slow light and superluminal in Cs atomic vapor. , 2009, , .		0
3476	Four-Wave Mixing in a Stored Light Regime. , 2009, , .		0
3477	X-ray View of Dressed Atoms. , 2009, , .		0

#	Article	IF	CITATIONS
3478	Slow Light Propagation in a Dynamic Cavity. , 2009, , .		0
3480	A narrow Rabi frequency window for competition between coherent population trapping and Raman absorption. , 2009, , .		0
3481	Electromagnetically Induced Transparency in a Double Well Atomic Josephson Junction. Acta Physica Polonica A, 2009, 116, 455-459.	0.5	0
3482	Electromagnetically Induced Transparency in Cesium Vapor with a Single Photon Probe Beam. , 2010, , .		0
3483	Electromagnetically-Induced Phase Grating. , 2010, , .		0
3484	Resonances in a Three-level Lambda System Excited by an Ultrashort Pulse Train. , 2010, , .		0
3485	Observation of Superluminal in Doppler Broadened Two-Level Atomic Systems in Magnetic Field. Journal of Modern Physics, 2010, 01, 276-280.	0.6	0
3486	Optimal Quantum Memory with Hot Rb Atoms. , 2010, , .		0
3487	Controllable-dipole quantum memory. , 2011, , .		0
3488	Quantum control of single spins and photons in diamond. , 2011, , .		0
3489	The propagation properties of broadband pulse. Wuli Xuebao/Acta Physica Sinica, 2011, 60, 054204.	0.5	1
3490	Nonlinear Faraday rotation in electromagnetically induce transparency medium. Wuli Xuebao/Acta Physica Sinica, 2011, 60, 064205.	0.5	4
3491	Normal mode splitting and cooling in strong coupling optomechanical cavity. Wuli Xuebao/Acta Physica Sinica, 2011, 60, 124206.	0.5	10
3492	Quantum Entanglement Between an Optical Photon and a Solid-State Spin Qubit. , 2011, , .		3
3493	Multi-Dressing Four-Wave Mixing Processes in Confined and Non-confined Atomic System. , 2011, , 169-251.		0
3494	Electromagnetically induced transparency in squeezed vacuum. Wuli Xuebao/Acta Physica Sinica, 2011, 60, 024204.	0.5	5
3495	Fast All Optical NAND Gate Using Coherent Control of the Linear Susceptibility of Five Level Atoms. , 2011, , .		0
3496	Vacuum-Induced Transparency. , 2011, , .		0

#	Article	IF	CITATIONS
3497	Progress of electromagnetically induced transparency based on superconducting qubits. Wuli Xuebao/Acta Physica Sinica, 2012, 61, 154214.	0.5	4
3498	Transfer of Topological Charges in an Electromagnetically Induced Transparency Solid. , 2012, , .		0
3499	Plasmon Induced Transparency with Asymmetric Ï \in -Shaped Metamaterials. , 2012, , .		0
3500	A Double Resonance Atomic Prism. , 2012, , .		0
3501	Photon Blockade. Springer Theses, 2012, , 117-133.	0.1	0
3502	Atom-Light Interactions. Springer Theses, 2012, , 37-47.	0.1	0
3503	Electromagnetically induced grating in a ĥ-type three-level atomic system modulated by a microwave field. Wuli Xuebao/Acta Physica Sinica, 2012, 61, 014205.	0.5	1
3504	Overview of Nonlinear Optics. , 0, , .		0
3505	Electron Optics in Graphene. The Electrical Engineering Handbook, 2012, , 573-594.	0.2	0
3506	Resonant Light Scattering in Photonic Devices. Series in Optics and Optoelectronics, 2012, , 429-444.	0.0	0
3507	Experimental study of EIT-Like phenomenon in a metamaterial plasma waveguide. Advanced Electromagnetics, 2012, 1, 61.	1.0	1
3509	All optical analogue to Electromagnetically Induced Transparency and Autler-Townes effect. , 2013, , .		0
3510	Study of Plasmonic Analogue of EIT Effect based on Hybrid Plasmonic Waveguide System. , 2013, , .		0
3511	Quantum Memories: Quantum Dot Spin Qubits. Springer Theses, 2013, , 25-38.	0.1	0
3512	Plasmonic Functionalities Based on Detuned Electrical Dipoles. Challenges and Advances in Computational Chemistry and Physics, 2013, , 401-429.	0.6	1
3513	Electromagnetically Induced Transparency in the Five-level Scheme of Cold (^{85})Rb Atomic Vapour. Communications in Physics, 2013, 23, 163.	0.0	0
3516	X-Ray Diffraction in Ideal Crystals. Springer Series in Materials Science, 2014, , 119-169.	0.6	0
3517	Fast Light in Dense Thermal Vapour. Springer Theses, 2014, , 85-102.	0.1	0

#	Article	IF	Citations
3518	Induced Transparency and Pulse Delay Using Orthogonally Polarized Whispering-Gallery Modes of a Single Microresonator. , 2014, , .		0
3519	Multistable phenomenon of the Y-type four-level atom-assisted optomechanical system. Wuli Xuebao/Acta Physica Sinica, 2014, 63, 094206.	0.5	1
3520	Localisation near defects and filtering of flexural waves in structured plates. , 2014, , 25-41.		0
3521	Narrowband Biphotons: Generation, Manipulation, and Applications. Nano-optics and Nanophotonics, 2015, , 145-182.	0.2	0
3522	Group velocity manipulation of far off-resonant pulse-pair in atomic system. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 094208.	0.5	1
3523	Arrays of optomechanical systems. , 2015, , 296-317.		0
3524	Single-photon optomechanics. , 2015, , 212-249.		0
3526	Coherent optical propagation properties and ultrahigh resolution mass sensing based on double whispering gallery modes cavity optomechanics. Wuli Xuebao/Acta Physica Sinica, 2016, 65, 194205.	0.5	8
3527	Quantum and Nonlinear Optics with Hard X-Rays. , 2016, , 1197-1229.		1
3528	Suppression of coherent scattering by coherent population trapping on molecular vibrational levels. Coherent Optical Phenomena, 2016, 3, .	0.2	0
3529	Tunable Phase Regimes of Electromagnetically-Induced-Transparency with Graphene in Terahertz Metamaterials. , 2016, , .		0
3530	Observation of strong and weak couplings in a single hybrid plasmon-waveguide system. , 2016, , .		0
3532	Chapter 7 Deep Laser Cooling of Rare Earth–Doped Crystals by Stimulated Raman Adiabatic Passage. , 2016, , 211-238.		0
3533	A Self-assembled Quantum Dot as Single Photon Source and Spin Qubit: Charge Noise and Spin Noise. Nano-optics and Nanophotonics, 2017, , 287-323.	0.2	0
3534	Applications of Single-Frequency Semiconductor Lasers. Optical and Fiber Communications Reports, 2017, , 267-302.	0.1	1
3535	Low-noise optical field phase-shifting manipulated using a coherently-prepared three-level atomic medium. Wuli Xuebao/Acta Physica Sinica, 2017, 66, 024205.	0.5	0
3536	Spontaneous emission from a V-type three-level atom in a dynamic photonic crystal. Wuli Xuebao/Acta Physica Sinica, 2017, 66, 014202.	0.5	2
3537	Enhancement of Electromagnetically-induced Focusing by a Microwave Field. , 2017, , .		0

		CITATION RE	PORT	
#	Article		IF	Citations
3538	Significant Enhancement of Magneto-Optical Rotation in a Low-Light Resonant Tripod Sy	/stem., 2017,,.		0
3539	Generation of spin polarized currents with coherent trapping in magnetic semiconductor Physics D: Applied Physics, 2017, 50, 135105.	rs. Journal	2.8	1
3540	Electromagnetically induced disintegration and polarization plane rotation of laser pulse Proceedings of SPIE, 2017, , .	s.	0.8	0
3541	Dissipative solitons in 4-level atomic optical systems. , 2017, , .			1
3542	Tunable light superfluids using 4-level quantum atomic optical systems. , 2017, , .			0
3543	Why material slow light does not improve cavity-enhanced atom detection. Journal of Mo 2018, 65, 723-729.	odern Optics,	1.3	1
3544	Dissipative variational analysis for bounded dark solitons of electromagnetically induced transparency. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 064207.		0.5	1
3545	Applications of the "Classical―Metamaterial Model—Optical Activity and Electrom Transparency. Springer Series in Optical Sciences, 2018, , 105-123.	agnetically Induced	0.7	0
3546	Electron correlation effects in even Rydberg series converging to 4f13(2F7/2o)6s(7/2, 1/ 4f13(2F7/2o)6s(7/2, 1/2)30 of thulium atom. Wuli Xuebao/Acta Physica Sinica, 2018, 67	2)4o and 7, 183102.	0.5	1
3547	Dual-layer flexible THz metamaterial realization of electromagnetically induced transpare absorption. , 2018, , .	ncy and		0
3548	Plasmonic induced transparency in graphene oxide quantum dots. , 2018, , .			0
3549	Coherent optical spectroscopy of charged exciton complexes in semiconductor nanostru 2018, , .	uctures.,		0
3550	Electromagnetically induced transparency in the case of elliptic polarization of interactin 2018, , .	g fields. ,		1
3551	Ultra-high spectral resolution spectrometer for single photon source characterization. , 2	2018, , .		0
3552	Plasmonic-induced absorption based on MIM waveguides with a triple-cavity structure. ,	2018,,.		0
3553	Plasmonic-induced transparency in a MIM waveguide with two side-coupled rectangular structures. , 2018, , .	ring disk		0
3554	Electromagnetically induced transparency in a spin-orbit-coupled finite-temperature cold ensemble. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 2846.	atomic	2.1	1
3555	Controllable switch of a transmittance signal via polarization combination manipulation. Optics, 2018, 57, 10534.	Applied	1.8	0

#	Article	IF	CITATIONS
3556	Slowing probe and conjugate pulses in potassium vapor using four wave mixing. Optics Express, 2018, 26, 34266.	3.4	2
3557	Catenary Optical Fields and Dispersion for Perfect Absorption of Light. , 2019, , 273-321.		0
3558	Two-Photon Photoassociation. Springer Theses, 2019, , 167-188.	0.1	0
3559	Coherent Excitation of Rydberg States. Springer Theses, 2019, , 79-96.	0.1	0
3560	Single Shot Quantitative Phase Imaging and Complex Spectroscopy of Trapped Atoms. , 2019, , .		0
3561	Peculiarities of Coherent Population Trapping During the Interaction of Three-level Atom with Non-classical Light. , 2019, , .		0
3562	A Single Shot Measurement of Atomic Coherence in a Thermal Ensemble of Atoms. , 2019, , .		0
3563	Controllable Optical Properties of Multiple Electromagnetically Induced Transparency in Gaseous Atomic Media. Communications in Physics, 2019, 29, 1.	0.0	8
3564	Transit Ramsey EIT resonances in a Rb vacuum cell. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 890.	2.1	0
3565	Spectral engineering of photonic filters using mode splitting in silicon nanowire integrated standing-wave resonators. , 2019, , .		0
3566	Numerical and experimental study of the dynamics of cross polarization coupling in a whispering-gallery microresonator. , 2019, , .		1
3567	Study of Atomic Populations, Electromagnetically Induced Transparency, and Dispersive Signals in a λ-Type System Under Various Decoherence Effects. Ukrainian Journal of Physics, 2019, 64, 197.	0.2	1
3568	Nonsatationary elliptically polarized normal modes of electromagnetically induced transparency. , 2019, , .		0
3569	Analysis of quantum interference properties in $\hat{\mathbf{b}}$ - and V-type schemes in rare-earth-ion-doped crystal with inhomogeneous broadening. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 2534.	2.1	1
3570	Probing Bloch oscillations using a slow-light sensor. Advanced Optical Technologies, 2020, 9, 243-246.	1.7	0
3571	A hardware-independent solution for high-performance simulations of the Maxwell-Bloch system. , 2019, , .		0
3572	Metamaterial and its sensing application in terahertz region. , 2019, , .		0
3573	Memory-based probabilistic amplification of coherent states. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 3523.	2.1	1

#	Article	IF	CITATIONS
3574	Polarization dependence of interferences inside rubidium atomic vapor governing microwave vector E-field metrology. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 3547.	2.1	4
3575	Subnanoscale Localization of Rare-Earth-Ion in Doped Crystal via Electromagnetically Induced Transparency. , 2019, , .		0
3576	Atomic Quantum Memory in the Autler-Townes Regime. , 2020, , .		0
3577	Cavity Mediated Interaction. Lecture Notes in Physics, 2020, , 219-290.	0.7	0
3578	Electromagnetically induced holographic imaging using monolayer graphene. Optics Express, 2020, 28, 1970.	3.4	10
3579	Proposal of nonlinear measurement of tunneling in quantum wells with Fano interference. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 852.	2.1	0
3580	Quantum phase transition of a finite number of atoms in electromagnetically induced transparency media. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 1388.	2.1	0
3581	One-way Einstein–Podolsky–Rosen steering via quantum interference from incoherent pumping. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 1606.	2.1	1
3582	Phase control of reservoir engineering for quantum entanglement. Optics Express, 2020, 28, 17757.	3.4	0
3583	Resonances of electromagnetically induced transparency and absorption in a light field of elliptically polarised waves. Quantum Electronics, 2020, 50, 571-575.	1.0	1
3584	Efficient manipulation of a probe pulse for achieving optical storage and switch in triple coupled quantum dots. Applied Optics, 2020, 59, 5415.	1.8	0
3585	Parity-time symmetry and asymmetric diffraction of light in four-level triple quantum wells. Journal of Optics (United Kingdom), 0, , .	2.2	4
3586	E-Field Strength Measurement using Rydberg Atom Based sensor for Microwave Metrology. , 2020, , .		0
3587	Fano-like interference induced modification of Autler-Townes doublet spectrum via phase-dependent superposition of atomic states. Physica Scripta, 2020, 95, 095103.	2.5	0
3588	Coherent feedback induced transparency. Optics Express, 2020, 28, 28243.	3.4	3
3589	Intensity–intensity correlations and low-frequency quantum beats in three-level systems. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 215401.	1.5	0
3590	Analytical and numerical study of T-shaped plasmonic demultiplexer based on Fano and induced transparency resonances. Journal Physics D: Applied Physics, 2022, 55, 075106.	2.8	8
3591	Acoustically induced coherent spin trapping. Science Advances, 2021, 7, eabj5030.	10.3	6

#	Article	IF	CITATIONS
3592	Shape preserving atomic pulse amplifier. Journal of the Optical Society of America B: Optical Physics, 0, , . Efficient conversion of closed-channel-dominated Eeshbach molecules of complimath	2.1	0
3593	xmlns:mml="http://www.w3.org/1998/Math/MathML"> < mml:mrow> < mml:mmultiscripts> < mml:mi>Na < /mml:mi> /> < mml:none /> < mml:mn>23 < /mml:mn> < /mml:mmultiscripts> < mml:mmultiscripts> < mml:mi mathvariant="normal">K < /mml:mi> < mml:mprescripts /> < mml:none /> < mml:mn>40 < /mml:mn> < /mml:mmultiscripts> < /mml:mrow> < /mml:math> to their absolute ground	<mml:mp 2.5</mml:mp 	rescripts 11
3594	state. Physical Review A. 2021, 104. Phase manipulated two-mode entangled state from a phase-sensitive amplifier. Optics Express, 2021, 29, 38971-38978.	3.4	1
3595	Dual-Spectral Plasmon-Induced Transparent Terahertz Metamaterial with Independently Tunable Amplitude and Frequency. Nanomaterials, 2021, 11, 2876.	4.1	8
3596	Reconfigurable nonreciprocity with low insertion loss using a simple two-level system. Optics Express, 2020, 28, 38710.	3.4	2
3597	Specificity of saturated absorption spectroscopy on Cs D2 line induced by a multi-wavelength laser. , 2020, , .		0
3598	Exploring dissipative optical solitons controlling gain and loss in atomic systems. , 2019, , .		0
3599	Tunable Transparency and Slow Light in Plasmonic Lattice. , 2020, , .		0
3600	Ground-state cooling of mechanical resonator in double optical cavity. Wuli Xuebao/Acta Physica Sinica, 2020, 69, 064202.	0.5	3
3601	Enhanced third-order nonlinear processes based on Raman resonance. Wuli Xuebao/Acta Physica Sinica, 2020, 69, 164203.	0.5	1
3602	Amplifying single-photon nonlinearity using thermal light. Europhysics Letters, 2019, 128, 54001.	2.0	1
3603	Reconfigurable integrated comb filters based on self-coupled microring resonators with mode-splitting feature. , 2020, , .		0
3604	Electromagnetically induced transparency (EIT) amplitude noise spectroscopy. OSA Continuum, 2020, 3, 325.	1.8	0
3605	Optomechanically induced transparency, amplification, and fast–slow light transitions in an optomechanical system with multiple mechanical driving phases. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 888.	2.1	7
3606	Spatial resonance in an anisotropic medium with modulated gyrotropy. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 847.	2.1	0
3607	Auxiliary cavity enhanced dipole induced transparency and fast to slow light using cavity quantum electrodynamics in a photonic crystal nanocavity. OSA Continuum, 2020, 3, 929.	1.8	1
3608	Accessing the Exceptional Points in a Graphene Plasmon–Vibrational Mode Coupled System. ACS Photonics, 2021, 8, 3241-3248.	6.6	10
3609	Electromagnetically induced grating and parity-time symmetry in coupled quantum wells. Chinese Journal of Physics, 2021, 74, 440-453.	3.9	3

ARTICLE IF CITATIONS Rydberg Series Excitation of a Single Trapped Ca+40 Ion for Precision Measurements and Principal 3610 7.8 1 Quantum Number Scalings. Physical Review Letters, 2021, 127, 203001. Efficient generation of heralded narrowband color-entangled states. Optics Express, 2020, 28, 31076. 3.4 Propagating multi-channel four-wave mixing process in the modulated moving photonic band gap. 3613 2 3.4 Optics Express, 2020, 28, 33448. Analog multicolor optomechanically induced transparency in a distant cavity-optomechanical system 3614 1.4 assisted by a three-level atomic medium. Laser Physics Letters, 2020, 17, 105206. Coherent control of microwave pulse propagation based on gain assisted electromagnetically 3615 induced transparency in superconducting circuits. Journal of the Optical Society of America B: 2.1 0 Optical Physics, 2020, 37, 3351. Strong zero-field Förster resonances in K-Rb Rydberg systems. Physical Review Research, 2020, 2, . 3.6 Electromagnetically induced transparency metamaterial with polarization independence and 3617 1.8 2 multi-transmission windows. Applied Optics, 2020, 59, 9568. Dynamically controllable terahertz metamaterial based on annealed and unannealed BiFeO3 thin film 3618 1.8 on Si. Applied Optics, 2020, 59, 9855. 3619 Topological optomechanically induced transparency. Optics Letters, 2020, 45, 5966. 3.3 10 Conservation laws for optical Bloch equations for the $\hat{\mathbf{b}}$ scheme. Journal of Physics A: Mathematical 2.1 and Theoretical, 2020, 53, 445201. Enhancing optical delay using cross-Kerr nonlinearity in Rydberg atoms. Applied Optics, 2020, 59, 10076. 3621 3 1.8 Electromagnetically Induced Transparency in a Coupled NV Spin-Mechanical Resonator System*., 2021, , Effect of Closely-Spaced Excited States on Electromagnetically Induced Transparency. OSA Continuum, 3623 1.8 0 0, , . Optically driving the radiative Auger transition. Nature Communications, 2021, 12, 6575. 3624 12.8 Expressions of "fast―and "slow―chameleon dressed states in Autler–Townes spectra of alkaliâ€metal 1.2 3625 1 atoms. Astronomische Nachrichten, O, , . Electromagnetically induced transparency from first-order dynamical systems. Physical Review B, 3.2 2021, 104, . Spin-orbit grating of light in coherent media. Physical Review A, 2021, 104, . 3627 2.53 Actively tunable photonic crystal-based switch via plasmon-analog of index enhancement. Applied 3628 3.3 Physics Letters, 2021, 119, .

#	Article	IF	CITATIONS
3629	Controllable fast and slow light in the hybrid quantum dot–nanomechanical resonator system mediated by another nanomechanical resonator with Coulomb interaction. Journal of Applied Physics, 2021, 130, .	2.5	7
3630	Fault-Tolerant Qubit from a Constant Number of Components. PRX Quantum, 2021, 2, .	9.2	14
3631	Thermo-optically induced transparency on a photonic chip. Light: Science and Applications, 2021, 10, 240.	16.6	10
3632	Electromagnetically induced transparency under phase modulation of interacting radiations. Quantum Electronics, 2021, 51, 1127-1134.	1.0	0
3633	Optomechanically induced grating. Optics Express, 2021, 29, 42306.	3.4	12
3635	Composite pulses for high fidelity population transfer in three-level systems. New Journal of Physics, 2022, 24, 023014.	2.9	12
3636	Design of Broadband Plasmonâ€Induced Transparency Hybrid Metamaterial Based on the Interaction of the Metal and Dielectric Resonances. Annalen Der Physik, 0, , 2100462.	2.4	3
3637	Group delay controls of the photons transmitting through two cavities coupled by an artificial atomic ensemble: controllable electromagnetically induced transparency-like effects. Optics Express, 2022, 30, 721.	3.4	2
3638	Observation of the Rotational Doppler Effect With Structured Beams in Atomic Vapor. Frontiers in Physics, 2022, 9, .	2.1	2
3639	Multi-elliptic rogue wave clusters of the nonlinear SchrĶdinger equation on different backgrounds. Nonlinear Dynamics, 2022, 108, 479-490.	5.2	1
3640	Coherent control of optical solitons interaction via external potential in electromagnetically induced transparency system. Optik, 2022, 252, 168501.	2.9	3
3641	Broadband and switchable fast–slow light in the YIG-microstrip cavity system. Journal of Magnetism and Magnetic Materials, 2022, 546, 168868.	2.3	2
3642	Role of quantum-coherence dressed states on the Fresnel–Fizeau drag and optical properties of surface plasmon polaritons through asymmetric double quantum dot-metallic plasmonic interfaces. Surfaces and Interfaces, 2022, 29, 101709.	3.0	2
3643	Internally-tuning whispering-gallery modes in a high-Q conical microresonator for electromagnetically induced transparency-like effect. Optics and Laser Technology, 2022, 149, 107812.	4.6	2
3645	Effect of collisions on the shape of the coherent population trapping resonance detected by the Ramsey method. Quantum Electronics, 2020, 50, 1023-1028.	1.0	3
3646	Using amplitude modulation of the microwave field to improve the sensitivity of Rydberg-atom based microwave electrometry. AIP Advances, 2021, 11, .	1.3	16
3647	Dispersionless absorption, dispersionless emission, and two-photon dispersion in a double-lambda-type four-level system under Doppler-free condition. European Physical Journal Plus, 2022, 137, 1.	2.6	2
3648	Temporal cavity solitons and frequency combs via quantum interference. Physical Review A, 2022, 105, .	2.5	4

#	Article	IF	CITATIONS
3649	Electromagnetic diode based on asymmetric microwave photonic crystal. Wuli Xuebao/Acta Physica Sinica, 2022, 71, 034701.	0.5	0
3650	Renormalization group analysis of near-field induced dephasing of optical spin waves in an atomic medium. New Journal of Physics, 2022, 24, 013031.	2.9	1
3651	Plasmon-induced transparency in borophene waveguide with strong absorption inhibition at critical-coupled state. Applied Physics Express, 2022, 15, 024004.	2.4	4
3652	Phase-dependent controllable field generation in a ring cavity resonator. Journal of the Optical Society of America B: Optical Physics, 0, , .	2.1	1
3653	Dynamically tunable vortex four-wave mixing in a six-level system. Applied Optics, 2022, 61, 1569-1576.	1.8	0
3654	Interaction-enhanced transmission imaging with Rydberg atoms. Physical Review A, 2022, 105, .	2.5	1
3655	Tunable optical response in a hybrid quadratic optomechanical system coupled with single semiconductor quantum well. Quantum Information Processing, 2022, 21, 1.	2.2	20
3656	Theoretical proposal of electromagnetically induced transparency with a transmissive polarization conversion based on metamaterials. Physica Scripta, 2022, 97, 025505.	2.5	5
3657	Electromagnetic induction-like transparency in dual-band with dual-bright mode coupling. Wuli Xuebao/Acta Physica Sinica, 2022, 71, 014201.	0.5	2
3658	Force sensing and cooling for the mechanical membrane in a hybrid optomechanical system. Physical Review A, 2022, 105, .	2.5	9
3659	Toroidal electromagnetically induced transparency based meta-surfaces and its applications. IScience, 2022, 25, 103708.	4.1	16
3660	Inverse design approach to x-ray quantum optics with Mössbauer nuclei in thin-film cavities. Physical Review A, 2022, 105, .	2.5	11
3661	Higher-order breathers as quasi-rogue waves on a periodic background. Nonlinear Dynamics, 2022, 107, 3819-3832.	5.2	3
3662	Polarizing electron spins with a superconducting flux qubit. Physical Review A, 2022, 105, .	2.5	0
3663	Quantum fidelity of electromagnetically induced transparency: the full quantum theory. Optics Express, 2022, 30, 2097.	3.4	5
3664	Plexcitonic strong coupling: unique features, applications, and challenges. Journal Physics D: Applied Physics, 2022, 55, 203002.	2.8	31
3665	Fano Resonance and Incoherent Interlayer Excitons in Molecular van der Waals Heterostructures. Nano Letters, 2022, 22, 911-917.	9.1	4
3666	Homodyne detection of a two-photon resonance assisted by cooperative emission. Physical Review A, 2022, 105, .	2.5	1

#	Article	IF	Citations
3667	Simultaneously Achieving Circularâ€Toâ€Linear Polarization Conversion and Electromagnetically Induced Transparency by Utilizing a Metasurface. Annalen Der Physik, 2022, 534, .	2.4	14
3668	Optimizing the Rydberg EIT spectrum in a thermal vapor. Optics Express, 2022, 30, 1499.	3.4	7
3669	Few-photon storage on a second timescale by electromagnetically induced transparency in a doped solid. New Journal of Physics, 2022, 24, 023012.	2.9	10
3670	Towards Realâ€World Quantum Networks: A Review. Laser and Photonics Reviews, 2022, 16, .	8.7	59
3671	Plasmon-Induced Transparency for Tunable Atom Trapping in a Chiral Metamaterial Structure. Nanomaterials, 2022, 12, 516.	4.1	4
3672	Electromagnetically Induced Transparency-Like Approach Based on Terahertz Metamaterials for Ultrasensitive Refractive Index Sensors. IEEE Sensors Journal, 2022, 22, 2110-2118.	4.7	16
3673	A refractive-index-based microwave sensor based on classical electromagnetically induced transparency in metamaterials. Optik, 2022, 253, 168589.	2.9	9
3674	Analytical solutions for susceptibility in electromagnetically induced transparency in a Doppler-broadened V-type three-level atomic system. Optik, 2022, 254, 168610.	2.9	0
3675	Controlling optical properties and drag of photon and surface plasmon polaritons in triple quantum dot molecules and dots-metal plasmonic interface via tunneling-assisted quantum coherence. Optics and Laser Technology, 2022, 149, 107915.	4.6	7
3676	Ultrafast and Low-Threshold THz Mode Switching of Two-Dimensional Nonlinear Metamaterials. Nano Letters, 2022, 22, 2016-2022.	9.1	9
3677	Lasing without inversion based on magnetically assisted gain in coherently prepared cold atoms. Physical Review A, 2022, 105, .	2.5	2
3678	Line shape and light shift of coherent population trapping resonance under Ramsey interrogation in â€ [~] hot' atoms in an optically dense medium. Quantum Electronics, 2022, 52, 108-115.	1.0	1
3679	Interaction-free bidirectional multi-channel all-optical switching in a multi-level coupling atom–cavity system. Optics Letters, 2022, 47, 830.	3.3	1
3680	Quantum router: Storing and redirecting light at the photon level. Physical Review A, 2021, 104, .	2.5	3
3681	Quantum Nonlinear Optics Based on Two-Dimensional Rydberg Atom Arrays. Physical Review Letters, 2021, 127, 263602.	7.8	30
3682	Electromagnetically Induced Transparency of Weak and Powerful Short Laser Radiation Pulses. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2021, 129, 554-564.	0.6	0
3684	Interaction Between Single Photons and Atomic Ensembles. Springer Theses, 2022, , 19-33.	0.1	0
3685	Highly Retrievable Quantum Memories. Springer Theses, 2022, , 63-108.	0.1	0

#	Article	IF	CITATIONS
3686	Effects of Neighboring Transitions on Electromagnetically Induced Absorption and Transparency in 85rb Atoms ãBased on Linear Parallel Polarizations of Coupling and Probe Beams. SSRN Electronic Journal, 0, , .	0.4	0
3687	F\$Deformed Dissipative Cavity Coupled to \$Lambda\$Type Atom. SSRN Electronic Journal, 0, , .	0.4	0
3688	Coherent Optical Processes on Cs D2 Line Magnetically Induced Transitions. SSRN Electronic Journal, 0, , .	0.4	0
3689	All-optical switching in a medium of a four-level vee-cascade atomic medium. Optical and Quantum Electronics, 2022, 54, 1.	3.3	9
3690	Research on broadband microwave electromagnetic antireflection effect based on angle-insensitive electromagnetically induced transparent metamaterials. , 2022, , .		0
3691	Raman-induced transfer of optical vortices. Laser Physics Letters, 2022, 19, 035208.	1.4	0
3692	High-efficiency coherent microwave-to-optics conversion via off-resonant scattering. Nature Photonics, 2022, 16, 291-296.	31.4	30
3693	Unusual dynamical properties of disordered polaritons in microcavities. Physical Review B, 2022, 105, .	3.2	23
3694	On different aspects of the optical rogue waves nature. Nonlinear Dynamics, 2022, 108, 1655-1670.	5.2	10
3695	Study of the Electromagnetic-Induced Transparency and its Dependence on Probe Decay for Cascade, Lambda, and Vee Models. Mapan - Journal of Metrology Society of India, 2022, 37, 347-355.	1.5	2
3696	Quantum Interference between Photons and Single Quanta of Stored Atomic Coherence. Physical Review Letters, 2022, 128, 083605.	7.8	9
3697	Chiral quantum optics with giant atoms. Physical Review A, 2022, 105, .	2.5	41
3698	A theoretical analysis on quantum memory parameters in ultracold \$\$^{87}\$\$Rb and \$\$^{133}\$\$Cs alkali species using EIT protocol in the presence of structured light. Quantum Information Processing, 2022, 21, 1.	2.2	4
3699	Near-infrared switching between slow and fast light in the metal nanoparticles-graphene nanodisks-quantum dots hybrid systems. Physica Scripta, 2022, 97, 045808.	2.5	1
3700	Spatially strongly confined atomic excitation viatwo dimensional stimulated Raman adiabaticpassage. Optics Express, 2022, 30, 13915-13930.	3.4	7
3701	Ultraslow light realization using an interacting Bose–Einstein condensate trapped in a shallow optical lattice. Scientific Reports, 2022, 12, 4428.	3.3	5
3702	Photon-photon interactions in Rydberg-atom arrays. Quantum - the Open Journal for Quantum Science, 0, 6, 674.	0.0	21
3703	Electromagnetically induced transparency in inhomogeneously broadened divacancy defect ensembles in SiC. Journal of Applied Physics, 2022, 131, 094401.	2.5	1

#	Article	IF	CITATIONS
3704	Exact analytical solution of the driven qutrit in an open quantum system: V and \hat{I} configurations. Journal of Physics B: Atomic, Molecular and Optical Physics, 2022, 55, 065501.	1.5	0
3705	Non-Hermitian electronics multipods of electromagnetically induced transparency (EIT) and absorption (EIA). Optical and Quantum Electronics, 2022, 54, 1.	3.3	6
3706	Surface-enhanced Raman scattering from an electromagnetic induced transparency substrate for the determination of hepatocellular carcinoma. Optics Express, 2022, 30, 12387.	3.4	1
3707	Quantum squeezing of slow-light dark solitons via electromagnetically induced transparency. Physical Review A, 2022, 105, .	2.5	6
3708	Exchange of orbital angular momentum of light via noise-induced coherence. Physical Review A, 2022, 105, .	2.5	20
3709	Formation of Narrow-Band N-Type Optical Resonance in Vapors of Potassium Atoms. Journal of Applied Spectroscopy, 2022, 89, 12-17.	0.7	3
3710	Controllable Kerr nonlinearity in a degenerate V-type inhomogeneously broadening atomic medium aided by a magnetic field. Optical and Quantum Electronics, 2022, 54, 1.	3.3	6
3711	Cavity-driven Rabi oscillations between Rydberg states of atoms trapped on a superconducting atom chip. Physical Review Research, 2022, 4, .	3.6	9
3712	Proposal for a quantum random number generator using coherent light and a non-classical observable. Journal of the Optical Society of America B: Optical Physics, 2022, 39, 1068.	2.1	4
3713	Precision timing of radio-frequency pulses using Rydberg atom electrometry. , 2022, , .		0
3714	Multimode-polariton superradiance via Floquet engineering. SciPost Physics, 2022, 12, .	4.9	2
3715	Electromagnetically induced moir \tilde{A}^{\odot} optical lattices in a coherent atomic gas. Frontiers of Physics, 2022, 17, .	5.0	17
3716	Disordered ensembles of strongly coupled single-molecule plasmonic picocavities as nonlinear optical metamaterials. Journal of Chemical Physics, 2022, 156, 114702.	3.0	8
3717	Generation of multiple entangled fields via mechanical oscillator displacement. Physical Review A, 2022, 105, .	2.5	Ο
3718	Two-dimensional electromagnetically induced phase grating via composite vortex light. Physical Review A, 2022, 105, .	2.5	35
3719	Electromagnetically Induced Transparency and Absorption in Directly Coupled Whispering-Gallery Mode Microcavities. IEEE Photonics Journal, 2022, 14, 1-8.	2.0	2
3720	Tunable plasmonically induced transparency with giant group delay in gain-assisted graphene metamaterials. Optics Express, 2022, 30, 14103.	3.4	3
3721	Optical bistability in a negative refractive index media using the electron tunneling effect. Laser Physics Letters, 2022, 19, 055210.	1.4	5

#	Article	IF	CITATIONS
3722	Tunable terahertz group slowing effect with plasmon-induced transparency metamaterial. Applied Optics, 2022, 61, 3218.	1.8	4
3723	Quantum coherence-assisted optical properties and drag of SPPs on quantum dots and resonantly-coupled dots-metal plasmonic interfaces via interbands tunneling and Fano resonance. Optical Materials, 2022, 126, 112227.	3.6	6
3724	Metal-graphene hybrid terahertz metamaterial based on dynamically switchable electromagnetically induced transparency effect and its sensing performance. Diamond and Related Materials, 2022, 124, 108935.	3.9	25
3725	Electromagnetically induced transparency metamaterials: theories, designs and applications. Journal Physics D: Applied Physics, 2022, 55, 263003.	2.8	14
3726	Increasing the decoherence rate of Rydberg polaritons due to accumulating dark Rydberg atoms. Physical Review Research, 2022, 4, .	3.6	2
3727	Coherent optical processes on Cs D2 line magnetically induced transitions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 434, 128043.	2.1	7
3728	Graphene-based tunable plasmon-induced transparency utilizing circular and two rectangular gold rings in the near-infrared spectrum. Materials Science in Semiconductor Processing, 2022, 144, 106601.	4.0	9
3729	Long-lived resonances: Photonic triangular pyramid. Photonics and Nanostructures - Fundamentals and Applications, 2022, 50, 101022.	2.0	6
3730	Tunable dual-band linear-to-circular polarization conversion based on the electromagnetically induced transparency utilizing the graphene metamaterial. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 141, 115225.	2.7	9
3731	Polarization manipulation associated with electromagnetically induced transparency based on metamaterials. Optics and Laser Technology, 2022, 151, 108006.	4.6	2
3732	Broadening and Shift of the D1 and D2 Lines of Rb Atoms by Neon: Resolving Hyperfine Components in a Half-Wave Cell Using Double Differentiation with Respect to Frequency. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2021, 129, 1173-1178.	0.6	2
3733	Peculiarities of Joint Influence of Atomic Motion and Hyperfine Splitting of an Excited State on the Shape of Resonance of Coherent Population Trapping in a Rarefied Gas. Journal of Experimental and Theoretical Physics, 2021, 133, 525-532.	0.9	4
3734	Parametrically driven dissipative three-level Dicke model. Physical Review A, 2021, 104, .	2.5	10
3735	Coherent control of ultrafast extreme ultraviolet transient absorption. Nature Photonics, 2022, 16, 45-51.	31.4	30
3736	Coherent control of optical soliton interaction via electromagnetically induced transparency with spatial modulation. AIP Advances, 2021, 11, 125118.	1.3	1
3737	Recent trends in high-order harmonic generation in solids. Advances in Physics: X, 2022, 7, .	4.1	14
3738	Dynamics of a hybrid optomechanical system in the framework of the generalized linear response theory. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 035301.	2.1	2
3739	Novel Thermo-Optical Dynamics of Silicon \hat{l} 4-Cavities and Demonstration of On-Chip Thermo-Optically Induced Transparency. , 2021, , .		0

#	Article	IF	CITATIONS
3740	Theoretical study of transparent peaks in a topological waveguide-cavity coupled system. Applied Physics Letters, 2021, 119, .	3.3	5
3741	Optomechanical Anti-Lasing with Infinite Group Delay at a Phase Singularity. Physical Review Letters, 2021, 127, 273603.	7.8	9
3742	Sensitivity of electromagnetically induced transparency to light-mediated interactions. Physical Review A, 2021, 104, .	2.5	5
3743	Manipulating single-photon transport in a waveguide-QED structure containing two giant atoms. Physical Review A, 2021, 104, .	2.5	22
3744	Quantum interference effect in plasmonic transmission in the presence of quantum emitters. Journal of Modern Optics, 2022, 69, 183-191.	1.3	0
3745	The slow electromagnetic wave effect induced by the interaction of dark and quasi-dark modes in microwave metamaterials. Functional Materials, 2021, 28, .	0.1	0
3746	Formation of photon molecules in nanoscale waveguides. Physical Review A, 2021, 104, .	2.5	1
3747	Dissipation-Engineered Family of Nearly Dark States in Many-Body Cavity-Atom Systems. Physical Review Letters, 2022, 128, 153601.	7.8	12
3748	Deflection and manipulation of weak optical solitons by non-Hermitian electromagnetically induced gratings in Rydberg atoms. Wuli Xuebao/Acta Physica Sinica, 2022, 71, 133202.	0.5	2
3749	Polarization-Independent Metamaterial Sensing Based on Electromagnetically Induced Transparency. Journal of Applied Mathematics and Physics, 2022, 10, 1105-1112.	0.4	0
3750	Shortcut to Self-Consistent Light-Matter Interaction and Realistic Spectra from First Principles. Physical Review Letters, 2022, 128, 156402.	7.8	22
3751	Optical quantum memory for noble-gas spins based on spin-exchange collisions. Physical Review A, 2022, 105, .	2.5	5
3752	Microwave amplification in a <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline" id="d1e750" altimg="si4.svg"> <mml:mi mathvariant="script">PT </mml:mi </mml:math> -symmetric-like cavity magnomechanical system. Optik, 2022_260_169035	2.9	2
3753	Transfer of Orbital Angular Momentum States of Light in $\hat{\mathbf{b}}$ -Type Quantum System. International Journal of Theoretical Physics, 2022, 61, 1.	1.2	0
3754	Deep learning enhanced Rydberg multifrequency microwave recognition. Nature Communications, 2022, 13, 1997.	12.8	32
3755	Unidirectional reflectionless anti-parity-time-symmetric photonic lattices of thermal atoms. Physical Review A, 2022, 105, .	2.5	11
3756	Electromagnetically induced transparency quantum memory for non-classical states of light. Advances in Physics: X, 2022, 7, .	4.1	3
3757	Deep learning for electromagnetically induced transparency (EIT) metasurface optimization design. Journal Physics D: Applied Physics, 2022, 55, 315001.	2.8	7

#	Article	IF	CITATIONS
3758	Transition frequency measurement of highly excited Rydberg states of ⁸⁷ Rb for a wide range of principal quantum numbers. , 2022, 1, 1176.		2
3759	Experimental demonstration of polarization and direction insensitive metamaterial analog of electromagnetically induced transparency by bright-bright mode coupling. Results in Physics, 2022, 37, 105514.	4.1	4
3760	Design of single-dual channel conversion filter based on one-dimensional photonic crystal. Materials Science in Semiconductor Processing, 2022, 147, 106697.	4.0	1
3762	Size-reduction of Rydberg collective excited states in cold atomic system. , 2022, 52, 1.		1
3763	Atomic interactions for qubit-error compensation. Physical Review A, 2022, 105, .	2.5	1
3764	Atomic spin-controlled non-reciprocal Raman amplification of fibre-guided light. Nature Photonics, 2022, 16, 380-383.	31.4	16
3765	Trapping and binding by dephasing. Physical Review A, 2022, 105, .	2.5	0
3766	Acceleration-Induced Effects in Stimulated Light-Matter Interactions. Physical Review Letters, 2022, 128, 163603.	7.8	13
3767	Superradiance decoherence caused by long-range Rydberg-atom pair interactions. Physical Review A, 2022, 105, .	2.5	8
3768	Weakly Aligned Molecules: From Molecular Detectors to Room-Temperature Tunable Masers. Journal of Physics: Conference Series, 2022, 2249, 012001.	0.4	1
3769	Frequency-modulated normal modes of electromagnetically induced transparency. , 2022, , .		0
3770	Dynamical propagation and all-optical switching in a ladder-type three-level system under the influence of spontaneously generated coherence. , 2022, , 151-158.		1
3771	Autler-Townes splitting of three-photon excitation of cesium cold Rydberg gases. Optics Express, 2022, 30, 16748.	3.4	5
3772	Pulse amplification in a closed-loop $\hat{\mathbf{b}}$ system with permanent dipole moments. Journal of Optics (United) Tj ETQc	1 <u>1 0</u> .784	314 rgBT /
3773	Folding-assisted plasmonically induced transparency in coupled graphene nanodisks. Journal of Optics (United Kingdom), 2022, 24, 085001.	2.2	3
3774	Quantum optimization of maximum independent set using Rydberg atom arrays. Science, 2022, 376, 1209-1215.	12.6	124
3775	Tunable plasmon-induced transparency in graphene-based plasmonic waveguide for terahertz band-stop filters. Journal of Optics (United Kingdom), 2022, 24, 065002.	2.2	10
3776	Manipulating quantum interference of dressed photon fields. Optics Express, 2022, 30, 18156.	3.4	1

ARTICLE IF CITATIONS Tunable narrow transparency windows induced by the coupled quasi-guided modes in borophene 3777 2.8 0 plasmonic nanostructure. Journal Physics D: Applied Physics, 0, , . Theoretical study of coherent optical phenomena in a three lasers driven four-level ladder-type 3778 1.2 system involving a Rydberg state. Laser Physics, 2022, 32, 065207. Circularly Polarized Manipulations with VO₂â€Doped Dielectric Electromagnetically 3779 2.4 17 Induced Transparency and Absorption. Annalen Der Physik, 2022, 534, . Linear and nonlinear nonparaxial loss-proof accelerating beams induced in a coherent atomic medium. 2.9 Optik, 2022, 262, 169257. Simulation of dynamically tunable broadband and polarization-insensitive electromagnetically 3781 2.1 4 induced transparency in Dirac semimetal. Optics Communications, 2022, 519, 128387. Tunable optical response and fast (slow) light in optomechanical system with phonon pump. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 442, 128181. 3782 2.1 Nonclassical light from finite-range interactions in a two-dimensional quantum mirror. Physical 3783 3.2 5 Review B, 2022, 105, . Collection efficiency of optical photons generated from microwave excitations of a Bose-Einstein 3784 2.5 condensate. Physical Review A, 2022, 105, . FORMATION OF NARROW-BAND N-TYPE OPTICAL RESONANCE IN VAPORS OF POTASSIUM ATOMS., 2022, 89, 3785 1 17-23. Triple-band electromagnetically induced transparency effects enabled by two sets of arc-ring-type 2.5 resonators at terahertz frequency. Physica Scripta, 0, , . Vector beam polarization rotation control using resonant magneto optics. Optics Express, 2022, 30, 3787 4 3.4 21894. Đ'Đ»ĐͺÑĐ½Đ,е буŇ,,еÑ€Đ½Đ¾Đ3Đ¾ Đ3аĐ,а Đ½Đ° Đ¼Đ°Đ3Đ½Đ,Ñ,Đ¾-Đ,Đ½Đ,уцĐ,Ñ€Đ¾Đ2аĐ½Đ½Ñ,@µ Đ;е 3788 Plasmonic-Induced Transparencies in an Integrated Metaphotonic System. Nanomaterials, 2022, 12, 1701. 3789 4.1 4 Electromagnetically induced transparency and absorption cross-over with a four-level Rydberg 3790 1.5 system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2022, 55, 145502. Achieving polarization control by utilizing electromagnetically induced transparency based on 3791 2.7 2 metasurface. Waves in Random and Complex Media, 0, , 1-23. Multipartite stationary entanglement generation in the presence of dipole-dipole interaction in an 3792 2.5 optical cavity. Physical Review A, 2022, 105, . Effects of neighboring transitions on electromagnetically induced absorption and transparency in 3793 85Rb atoms based on the linear parallel polarization of coupling and probe beams. Optics 2.13 Communications, 2022, , 128512. Laser Frequency-Offset Locking at 10-Hz-Level Instability Using Hybrid Electronic Filters. Physical 3794 3.8 Review Applied, 2022, 17, .

#	Article	IF	CITATIONS
3795	Effect of Buffer Gas Influence on Magnetically-Induced Transitions in 87Rb Atoms, D2 Line. Journal of Contemporary Physics, 2022, 57, 105-111.	0.6	0
3796	Rydberg electromagnetically induced transparency and absorption of strontium triplet states in a weak microwave field. Physical Review A, 2022, 105, .	2.5	8
3797	Shallow-donor impurity effects on the far infrared electron–electron optical absorption coefficient in single and core/shell spherical quantum dots with Konwent-like confinement potential. Optical and Quantum Electronics, 2022, 54, .	3.3	2
3798	Use of transmission and reflection complex time delays to reveal scattering matrix poles and zeros: Example of the ring graph. Physical Review E, 2022, 105, .	2.1	7
3799	Rubidium atom spectral lineshapes in high intensity light fields near an optical nanofibre. Journal of Physics B: Atomic, Molecular and Optical Physics, 2022, 55, 125301.	1.5	3
3800	Analysis of a q-deformed hyperbolic short laser pulse in a multi-level atomic system. Scientific Reports, 2022, 12, .	3.3	9
3801	Switchable Metasurface with Electromagnetically Induced Transparency and Absorption Simultaneously Realizing Circular Polarizationâ€Insensitive Circularâ€toâ€Linear Polarization Conversion. Annalen Der Physik, 2022, 534, .	2.4	8
3802	Polarization Spectroscopy Applied to Electromagnetically Induced Transparency in Hot Rydberg Atoms Using a Laguerre–Gaussian Beam. Atoms, 2022, 10, 58.	1.6	1
3803	Unified model for plasmon-induced transparency with direct and indirect coupling in borophene-integrated metamaterials. Optics Express, 2022, 30, 21966.	3.4	5
3804	Nonlinear modulation of terahertz waves based on a MAPbI3/Gold/Si Hybrid Plasmon-Induced Transparency (PIT) metasurface. Optical Materials, 2022, 129, 112554.	3.6	3
3805	Optical effects of quantum systems coupled with one- and two-dimensional structured baths. Physica E: Low-Dimensional Systems and Nanostructures, 2022, , 115385.	2.7	0
3806	Optical Response with Tunneling Coupling in a Hybrid Optomechanical System. International Journal of Theoretical Physics, 2022, 61, .	1.2	1
3807	Detecting the transverse spin density of light via electromagnetically induced transparency. Optics Express, 2022, 30, 24009.	3.4	3
3808	Analogy of multi-band electromagnetically induced transparency metamaterial based on simple combination of split-ring resonators. Applied Physics Express, 2022, 15, 072007.	2.4	5
3809	Resonant enhancement of three-body loss between strongly interacting photons. Physical Review Research, 2022, 4, .	3.6	1
3810	Noisy coherent population trapping: applications to noise estimation and qubit state preparation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2022, 55, 155503.	1.5	3
3811	Resonant dipole-dipole interactions in electromagnetically induced transparency. Physical Review A, 2022, 105, .	2.5	1
3812	Electric current induced by microwave Stark effect of electrons on liquid helium. European Physical Journal Plus, 2022, 137, .	2.6	0

#	Article	IF	CITATIONS
3813	Pinpointing the macroscopic signatures of attosecond transient absorption in helium: Reshaped spectral splitting and persistent quantum beating. Physical Review A, 2022, 105, .	2.5	1
3814	Transparency and Enhancement in Fast and Slow Light in <i>q</i> â€Deformed Optomechanical System. Annalen Der Physik, 2022, 534, .	2.4	4
3815	Demonstration of dipole-induced transparency using mirrored split-ring resonator metasurface for microwave applications. Journal of Computational Electronics, 0, , .	2.5	0
3816	Linear and nonlinear Bragg diffraction by electromagnetically induced gratings with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="script">PT</mml:mi></mml:math> symmetry and their active control in a Rydberg atomic gas. Physical Review A, 2022, 105	2.5	5
3817	Optomechanically controllable double electromagnetically induced transparency and parametric amplification in a quantum well optomechanical system. Optik, 2022, , 169500.	2.9	0
3818	Bright and dark soliton of probe and couple laser beam in an electromagnetically induced transparency. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 446, 128280.	2.1	2
3819	Confining atomic populations in space via stimulated Raman adiabatic passage in a doped solid. Journal of Physics B: Atomic, Molecular and Optical Physics, 2022, 55, 154003.	1.5	3
3820	Exciton–polariton mediated nonlinear optics in a hybrid optomechanical system. Chinese Journal of Physics, 2022, 78, 72-82.	3.9	1
3821	Magnetoplasmonic coupling in graphene nanodisk dimers: An extended coupled-dipole model for circularly polarized states. Physical Review B, 2022, 105, .	3.2	6
3822	Tunable quantum interference effects in Floquet two- and three-level systems. Physical Review A, 2022, 105, .	2.5	0
3823	Dynamic modulation of electromagnetically induced transparency in complementary graphene metamaterial. AIP Advances, 2022, 12, .	1.3	2
3824	Broadband Control of Group Delay Using the Brewster Effect in Metafilms. Physical Review Applied, 2022, 18, .	3.8	1
3825	Fundamental Distinction of Electromagnetically Induced Transparency and Autler–Townes Splitting in Breaking the Timeâ€Reversal Symmetry. Laser and Photonics Reviews, 2022, 16, .	8.7	9
3826	Mean-field Floquet theory for a three-level cold-atom laser. Physical Review A, 2022, 106, .	2.5	0
3827	Ultraviolet supercontinuum generation driven by ionic coherence in a strong laser field. Nature Communications, 2022, 13, .	12.8	14
3828	Coherent control of the atomic Talbot effect in an N-type Raman-based atomic system. Journal of the Optical Society of America B: Optical Physics, 2022, 39, 2295.	2.1	2
3829	Controllable storage and retrieval of optical solitons in triple quantum dot molecules by inter-dot tunneling coupling effect. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 448, 128320.	2.1	2
3830	A giant self Kerr non-linearity using phase sensitive excitation in a closed three-level atomic system. Physica Scripta, 0, , .	2.5	0

#	Article	IF	CITATIONS
3832	Gyro-magnetically induced transparency and opaqueness at microwave frequency. Sensors and Actuators A: Physical, 2022, 344, 113732.	4.1	0
3833	Study of Three Level Cascade System: A Complete Analytical Approach. Journal of Atomic Molecular Condensate and Nano Physics, 2016, 3, 97-104.	0.2	1
3834	Coherent Population Trapping in An Inhomogeneously Broadened (Lambda)-System with Multiple Excited States. Journal of Atomic Molecular Condensate and Nano Physics, 2016, 3, 81-88.	0.2	0
3835	Imaging Moving Atoms by Holographically Reconstructing the Dragged Slow Light. Physical Review Applied, 2022, 18, .	3.8	3
3836	Optical Retardation based on Tunneling-Induced Transparency in Quantum Dot Slow light Devices. Optical and Quantum Electronics, 2022, 54, .	3.3	0
3837	Tunable slow and fast light in an atom-assisted hybrid system via external mechanical driving force. European Physical Journal Plus, 2022, 137, .	2.6	2
3838	Study of EIT line shape in optically thin and thick media using ⁸⁷ Rb D ₁ and D ₂ lines: theory and experiment. Physica Scripta, 2022, 97, 095401.	2.5	1
3839	Large- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:mi>N</mml:mi> limit of Dicke superradiance. Physical Review A, 2022, 106, .</mml:math 	2.5	4
3840	All-Dielectric Si Metamaterials with Electromagnetically Induced Transparency and Strong Gap-Mode Electric Field Enhancement. SSRN Electronic Journal, 0, , .	0.4	0
3841	Optical Transparency near a MoS2 Nanodisk. , 0, , .		0
3841 3842	Optical Transparency near a MoS2 Nanodisk. , 0, , . Dynamically tunable slow light effect based on graphene terahertz metamaterial. Ferroelectrics, 2022, 594, 151-158.	0.6	0
3841 3842 3844	Optical Transparency near a MoS2 Nanodisk. , 0, , . Dynamically tunable slow light effect based on graphene terahertz metamaterial. Ferroelectrics, 2022, 594, 151-158. Postselected Entanglement between Two Atomic Ensembles Separated by 12.5Åkm. Physical Review Letters, 2022, 129, .	0.6	0 1 21
3841 3842 3844 3845	Optical Transparency near a MoS2 Nanodisk. , 0, , . Dynamically tunable slow light effect based on graphene terahertz metamaterial. Ferroelectrics, 2022, 594, 151-158. Postselected Entanglement between Two Atomic Ensembles Separated by 12.5Åkm. Physical Review Letters, 2022, 129, . Improvement of microwave detection sensitivity with atoms based on cavity enhancement effect. Japanese Journal of Applied Physics, 2022, 61, 096002.	0.6 7.8 1.5	0 1 21 1
3841 3842 3844 3845 3846	Optical Transparency near a MoS2 Nanodisk. , 0, , . Dynamically tunable slow light effect based on graphene terahertz metamaterial. Ferroelectrics, 2022, 594, 151-158. Postselected Entanglement between Two Atomic Ensembles Separated by 12.5Åkm. Physical Review Letters, 2022, 129, . Improvement of microwave detection sensitivity with atoms based on cavity enhancement effect. Japanese Journal of Applied Physics, 2022, 61, 096002. Measurement of dc and ac Electric Fields inside an Atomic Vapor Cell with Wall-Integrated Electrodes. Physical Review Applied, 2022, 18, .	0.6 7.8 1.5 3.8	0 1 21 1 9
3841 3842 3844 3845 3846 3847	Optical Transparency near a MoS2 Nanodisk., 0, , . Dynamically tunable slow light effect based on graphene terahertz metamaterial. Ferroelectrics, 2022, 594, 151-158. Postselected Entanglement between Two Atomic Ensembles Separated by 12.5Åkm. Physical Review Letters, 2022, 129, . Improvement of microwave detection sensitivity with atoms based on cavity enhancement effect. Japanese Journal of Applied Physics, 2022, 61, 096002. Measurement of dc and ac Electric Fields inside an Atomic Vapor Cell with Wall-Integrated Electrodes. Physical Review Applied, 2022, 18, . Heat transfer in transversely coupled qubits: optically controlled thermal modulator with common reservoirs. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 395303.	0.6 7.8 1.5 3.8 2.1	0 1 21 1 9 3
3841 3842 3844 3845 3846 3847	Optical Transparency near a MoS2 Nanodisk. , 0, , . Dynamically tunable slow light effect based on graphene terahertz metamaterial. Ferroelectrics, 2022, 594, 151-158. Postselected Entanglement between Two Atomic Ensembles Separated by 12.5Åkm. Physical Review Letters, 2022, 129, . Improvement of microwave detection sensitivity with atoms based on cavity enhancement effect. Japanese Journal of Applied Physics, 2022, 61, 096002. Measurement of dc and ac Electric Fields inside an Atomic Vapor Cell with Wall-Integrated Electrodes. Physical Review Applied, 2022, 18, . Heat transfer in transversely coupled qubits: optically controlled thermal modulator with common reservoirs. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 395303. Nonreciprocal and chiral single-photon scattering for giant atoms. Communications Physics, 2022, 5, .	0.6 7.8 1.5 3.8 2.1 5.3	0 1 21 1 9 3 27
3841 3842 3844 3845 3846 3847 3848	Optical Transparency near a MoS2 Nanodisk., 0, , . Dynamically tunable slow light effect based on graphene terahertz metamaterial. Ferroelectrics, 2022, 594, 151-158. Postselected Entanglement between Two Atomic Ensembles Separated by 12.5Åkm. Physical Review Letters, 2022, 129, . Improvement of microwave detection sensitivity with atoms based on cavity enhancement effect. Japanese Journal of Applied Physics, 2022, 61, 096002. Measurement of dc and ac Electric Fields inside an Atomic Vapor Cell with Wall-Integrated Electrodes. Physical Review Applied, 2022, 18, . Heat transfer in transversely coupled qubits: optically controlled thermal modulator with common reservoirs. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 395303. Nonreciprocal and chiral single-photon scattering for giant atoms. Communications Physics, 2022, 5, . Telecom-wavelength spectra of a Rydberg state in a hot vapor. Optics Letters, 2022, 47, 4399.	0.6 7.8 1.5 3.8 2.1 5.3 3.3	0 1 21 1 9 3 3 27 2

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#	Article	IF	CITATIONS
3851	Tailoring dual-band electromagnetically induced transparency with polarization conversions in a dielectric-metal hybrid metastructure. Optics Express, 2022, 30, 30574.	3.4	16
3852	Strong photon interactions from weakly interacting particles. Physical Review B, 2022, 106, .	3.2	3
3853	Giant Kerr–quintic–septic nonlinearities in semiconductor quantum wells. European Physical Journal Plus, 2022, 137, .	2.6	2
3854	Induced guided acoustic waves in waveguides and resonators. Materials Today: Proceedings, 2023, 72, 3398-3403.	1.8	1
3855	Photon-pair generation on resonance via a dark state. Physical Review A, 2022, 106, .	2.5	2
3856	Measurements of Dipole Moments for the 5s5p ³ P ₁ –5sns ³ S ₁ Transitions via Autler-Townes Spectroscopy. Chinese Physics Letters, 2022, 39, 093202.	3.3	1
3857	Stable Highâ€Dimensional Weakâ€Light Soliton Molecules and Their Active Control. Laser and Photonics Reviews, 2022, 16, .	8.7	11
3858	Two-color transparency in a hybrid photothermal cavity system. European Physical Journal Plus, 2022, 137, .	2.6	0
3859	Simultaneous Trapping of Two Optical Pulses in an Atomic Ensemble as Stationary Light Pulses. Physical Review Letters, 2022, 129, .	7.8	2
3860	Dual-wavelength active and tunable modulation at telecommunication wavelengths using graphene-metal hybrid metamaterial based on plasmon induced transparency. Physica Scripta, 2022, 97, 095503.	2.5	3
3861	Electromagnetically induced transparency based quantum well infrared photodetectors. Journal of Luminescence, 2022, 251, 119176.	3.1	3
3862	Versatile terahertz graphene metasurface based on plasmon-induced transparency. Applied Surface Science, 2022, 604, 154575.	6.1	19
3863	Single and dual-channel analog of electromagnetically induced transparency in 王-shaped all-dielectric metasurface. Optical Engineering, 2022, 61, .	1.0	0
3864	Quantum squeezing of vector slow-light solitons in a coherent atomic system. Chaos, Solitons and Fractals, 2022, 163, 112557.	5.1	5
3865	Dynamic strain-mediated coherence based microwave photon detection within the transparent windows. Optik, 2022, 269, 169874.	2.9	0
3866	Nonreciprocity in Brillouin scattering. Semiconductors and Semimetals, 2022, , 255-286.	0.7	0
3867	A High-Efficiency Fiber-Coupled Rydberg-Atom Integrated Probe and Its Imaging Applications. IEEE Antennas and Wireless Propagation Letters, 2023, 22, 352-356.	4.0	11
3868	ĥ-type electromagnetically induced transparency and absorption by controlling atomic coherence. Wuli Xuebao/Acta Physica Sinica, 2022, .	0.5	0

#	Article	IF	CITATIONS
3869	Fano Resonance and Slow-to-Fast Light Conversion in a Laguerre-Gaussian Rovibrational Cavity. Journal of Lightwave Technology, 2023, 41, 2246-2251.	4.6	6
3870	Strong tunable phonon-phonon interactions induced by silicon-vacancy centers in one-dimensional chiral phononic waveguides. Physical Review A, 2022, 106, .	2.5	1
3871	Study of the Rydberg atom cell sensitivity on the incoherent detection method. , 2022, , .		0
3872	Rydberg Atomic Sensor Sensitivity Optimization Using Detuned Microwave Field. , 2022, , .		0
3873	Long-lived quantum coherent dynamics of a $\hat{\bf b}$ -system driven by a thermal environment. Journal of Chemical Physics, 2022, 157, .	3.0	2
3874	Dark-state-induced heat rectification. Physical Review E, 2022, 106, .	2.1	3
3875	Atom-assisted coherent control of multiple-color mechanically induced switching. Journal of Physics B: Atomic, Molecular and Optical Physics, 2022, 55, 205402.	1.5	1
3876	Magnon-atom-optical photon entanglement via the microwave photon-mediated Raman interaction. Optics Express, 2022, 30, 34998.	3.4	8
3877	Two-Dimension Asymmetric Electromagnetically Induced Grating in Rydberg Atoms. Photonics, 2022, 9, 674.	2.0	1
3878	Light manipulation by dual channel storage in ultra-cold Rydberg medium. Chinese Physics B, O, , .	1.4	0
3879	Origins of Rydberg-Atom Electrometer Transient Response and Its Impact on Radio-Frequency Pulse Sensing. Physical Review Applied, 2022, 18, .	3.8	13
3880	Multiple electromagnetically induced transparency without a control field in an atomic array coupled to a waveguide. European Physical Journal Plus, 2022, 137, .	2.6	2
3881	Polarization-controlled and symmetry-dependent multiple plasmon-induced transparency in graphene-based metasurfaces. Optics Express, 2022, 30, 35554.	3.4	60
3882	f-deformed cavity mode coupled to a ĥ-type atom in the presence of dissipation and Kerr nonlinearity. Journal of the Optical Society of America B: Optical Physics, 2022, 39, 2925.	2.1	2
3883	Self-Kerr Effect across the Yellow Rydberg Series of Excitons in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Cu</mml:mi></mml:mrow><mm mathvariant="normal">O</mm </mml:msub></mml:mrow>. Physical Review Letters, 2022, 129, .</mml:math 	l:mn>2 <td>10 nml:mn></td>	10 nml:mn>
3884	Optomechanically Induced Transparency in Memory Environment. International Journal of Theoretical Physics, 2022, 61, .	1.2	0
3885	Terahertz Vibrational Fingerprints Detection of Molecules with Particularly Designed Graphene Biosensors. Nanomaterials, 2022, 12, 3422.	4.1	0
3886	Mode-superposition-induced transparency. Physical Review A, 2022, 106, .	2.5	3

#	Article	IF	CITATIONS
3887	Topological nonlinear optics with spin-orbit coupled Bose-Einstein condensate in cavity. Npj Quantum Information, 2022, 8, .	6.7	3
3888	Electromagnetically Induced Grating of Surface Polaritons via Coherent Population Oscillation. Photonics, 2022, 9, 697.	2.0	1
3889	Intra-cavity frequency-doubled VECSEL system for narrow linewidth Rydberg EIT spectroscopy. Optics Express, 2022, 30, 41408.	3.4	4
3890	Ultrabright and narrowband intra-fiber biphoton source at ultralow pump power. Quantum Science and Technology, 2023, 8, 015002.	5.8	3
3891	Vibration induced transparency: Simulating an optomechanical system via the cavity QED setup with a movable atom. Fundamental Research, 2022, , .	3.3	0
3892	Sensitivity of a Rydberg-atom receiver to frequency and amplitude modulation of microwaves. Applied Optics, 2022, 61, 8806.	1.8	5
3893	Axiogeometry. , 2022, , 79-86.		0
3894	Electromagnetically Induced Transparency in Gas Cells with Antirelaxation Coating. Journal of Experimental and Theoretical Physics, 2022, 135, 255-263.	0.9	2
3895	Effect of the Quality of Antirelaxation Coating on the Character of Electromagnetically Induced Transparency in Gas Cells. Journal of Experimental and Theoretical Physics, 2022, 135, 269-276.	0.9	0
3896	Correlation-enhanced Goos-Hächen shift in Rydberg atomic gases. Physical Review A, 2022, 106, .	2.5	4
3897	Quantum coherence-enhanced optical properties and drag of photons and SPPs in semiconducting quantum dots and resonantly-coupled dot–nanoparticle plasmonic interfaces. Journal of Physics and Chemistry of Solids, 2023, 172, 111088.	4.0	4
3898	Correlated two-photon modulation based on nonlinear effects in a photonic synthetic lattice. Physical Review A, 2022, 106, .	2.5	0
3899	Temperature tunable electromagnetically induced transparency in terahertz metasurface fabricated on ferroelectric platform. Journal Physics D: Applied Physics, 2022, 55, 495103.	2.8	8
3900	Dissipative-Coupling-Induced Transparency and High-Order Sidebands with Kerr Nonlinearity in a Cavity-Magnonics System. Physical Review Applied, 2022, 18, .	3.8	12
3901	Spatial-nonlocality-induced non-Markovian electromagnetically induced transparency in a single giant atom. Physical Review A, 2022, 106, .	2.5	11
3903	Long-Lived Memory for Orbital Angular Momentum Quantum States. Physical Review Letters, 2022, 129,	7.8	10
3904	Propagation of Gaussian vortex beams in electromagnetically induced transparency media. Optics Express, 2022, 30, 43426.	3.4	1
3905	Coupled acoustic resonance for wave control and sensing. Frontiers in Physics, 0, 10, .	2.1	1
#	Article	IF	CITATIONS
------	--	----------------------------	-----------
3906	Spontaneous symmetry breaking in frustrated triangular atom arrays due to cooperative light scattering. Physical Review Research, 2022, 4, .	3.6	2
3907	Laser spectroscopy of hot atomic vapours: from 'scope to theoretical fit. New Journal of Physics, 2022, 24, 125001.	2.9	12
3908	Superior dark-state cooling via nonreciprocal couplings in trapped atoms. New Journal of Physics, 0, ,	2.9	5
3909	Observation of oscillatory Raman gain associated with two-photon Rabi oscillations of nanofiber-coupled atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2022, 55, 234005.	1.5	1
3910	Excitonic resonances control the temporal dynamics of nonlinear optical wave mixing in monolayer semiconductors. Nature Photonics, 2022, 16, 777-783.	31.4	5
3911	Reciprocal polariton-induced transparency in alpha-molybdenum trioxide-graphene heteronanostructures. Journal of Applied Physics, 2022, 132, 143101.	2.5	0
3912	Force-dependent amplification and attenuation in a quantum well-based optomechanical system. European Physical Journal Plus, 2022, 137, .	2.6	1
3913	Stern–Gerlach effect of vector light bullets in a nonlocal Rydberg medium. Optics Letters, 2022, 47, 6221.	3.3	3
3914	Inverse design in nuclear quantum optics: From artificial x-ray multilevel schemes to spectral observables. Physical Review A, 2022, 106, .	2.5	4
3915	Spatial distribution of two symmetric four-wave-mixing signals induced by Gaussian beams. Physical Review A, 2022, 106, .	2.5	6
3916	Photothermal effect in macroscopic optomechanical systems with an intracavity nonlinear optical crystal. Optics Express, 2022, 30, 42579.	3.4	0
3917	Transparency in a Laguerre-Gaussian photo-rotational cavity. European Physical Journal Plus, 2022, 137,	2.6	2
3918	Temporal cavity solitons due to electromagnetically induced transparency. , 2022, , .		0
3919	Enhancement of cross-Kerr nonlinearity in four-level N-type atomic sysem based on electromagnetically induced transparency. , 2018, 47, .		1
3920	Double- $\hat{\mathbf{b}}$ electromagnetically induced transparency with degenerate atomic levels. Laser Physics Letters, 2022, 19, 126004.	1.4	0
3921	Active Control of Electromagnetically Induced Transparency Analogy in Spoof Surface Plasmon Polariton Waveguide. Photonics, 2022, 9, 833.	2.0	1
3922	Stimulated Rayleigh Scattering Enhanced by a Longitudinal Plasma Mode in a Periodically Driven Dirac Semimetal <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Cd</mml:mi></mml:mrow><mml:mrow><mm Physical Review Letters, 2022, 129, .</mm </mml:mrow></mml:msub></mml:mrow></mml:math>	l:mn>3 <td>۱ml:mn></td>	۱ml:mn>
3923	High-lying valley-polarized trions in 2D semiconductors. Nature Communications, 2022, 13, .	12.8	7

		CITATION REI	PORT	
#	Article		IF	CITATIONS
3924	Slowing down light in a qubit metamaterial. Applied Physics Letters, 2022, 121, .		3.3	6
3925	Temporally ultralong biphotons with a linewidth of 50 kHz. APL Photonics, 2022, 7, .		5.7	4
3926	Three-laser coherent population trapping in a multi- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">ĥ system: Theory, experiment, and app Review A, 2022, 106, .</mml:mi </mml:math 	lications. Physical	2.5	1
3927	Optical Pattern Formation in a Rydberg-Dressed Atomic Gas with Non-Hermitian Poten 2022, 9, 856.	tials. Photonics,	2.0	1
3928	All-dielectric Si metamaterials with electromagnetically induced transparency and stror electric field enhancement. Optics Communications, 2023, 530, 129143.	ıg gap-mode	2.1	5
3929	Dynamics ofÂEntanglement Indicators inÂHybrid Quantum andÂSpin Systems. Springe 2022, , 83-106.	rBriefs in Physics,	0.7	1
3930	Two-dimensional lattice soliton and pattern formation in a cold Rydberg atomic gas wi self-defocusing Kerr nonlinearity. Chaos, Solitons and Fractals, 2023, 166, 112886.	th nonlocal	5.1	1
3931	Polarization-insensitive electromagnetically induced transparency-like and dual-band al based on graphene and vanadium dioxide metamaterials. Optics Communications, 202	psorption 23, 530, 129164.	2.1	7
3932	Magnetic-field-engineered coherent perfect absorption and transmission. Physical Revi	ew A, 2022, 106, .	2.5	3
3933	Coherent control of spatial and angular Goos–HÃ ¤ chen shifts with spontaneously ge coherence and incoherent pumping. Applied Optics, 2022, 61, 10072.	enerated	1.8	1
3934	Efficient transfer of spatial intensity and phase information of arbitrary modes via four- in an atomic vapor. Physical Review A, 2022, 106, .	wave mixing	2.5	3
3935	A multi-band atomic candle with microwave-dressed Rydberg atoms. Frontiers of Physi	cs, 2023, 18, .	5.0	1
3936	Nonlinear dissipation-induced photon blockade. Physical Review A, 2022, 106, .		2.5	5
3937	Analytical investigation on the Autler–Townes splittings and the two-photon effects free signal lineshape of a double-\$\$varvec{lambda }\$\$ type four-level system. Pramana Physics, 2023, 97, .	in a Doppler - Journal of	1.5	0
3938	Inverse Design of Metamaterials via Deep Learning for Electromagnetically Induced Tra Journal of Physics: Conference Series, 2022, 2384, 012045.	nsparency.	0.4	1
3939	Dissipative coupling-induced phonon lasing. Proceedings of the National Academy of S United States of America, 2022, 119, .	ciences of the	7.1	9
3940	Electromagnetically induced transparency analogue in terahertz range with all-dielectri metasurface. , 2022, , .	c		0
3941	Thresholds between modulational stability, rogue waves and soliton regimes in satural media. Nonlinear Dynamics, 2023, 111, 6629-6638.	le nonlinear	5.2	5

#	Article	IF	CITATIONS
3942	Nonclassical correlated optical multistability at low photon level for cavity electromagnetically induced transparency. New Journal of Physics, 2022, 24, 123021.	2.9	1
3943	Rogue wave excitations of the (2 + 1)-dimensional nonlinear Zakharov system. Nonlinear Dynamics, 202 111, 6621-6628.	³ '5.2	3
3944	Transfer of Orbital Angular Momentum of Light Using Autler-Townes Splitting. Photonics, 2022, 9, 954.	2.0	7
3945	Broadband Plasmonâ€Induced Transparency to a Electromagnetically Induced Absorption Conversion Metastructure Based on Germanium. Annalen Der Physik, 2023, 535, .	2.4	16
3946	Tunable Electromagnetic Resonances with Slab-Split-Ring Meta-molecules. , 2023, , 51-71.		0
3947	Polariton dynamics in one-dimensional arrays of atoms coupled to waveguides. New Journal of Physics, 2022, 24, 123023.	2.9	1
3948	Optical pumping effects on high-contrast Rydberg electromagnetically induced transparency. Journal of Applied Physics, 2022, 132, 244401.	2.5	0
3949	Discerning the transition from electromagnetically induced transparency to Autler–Townes splitting using the decaying dressed state formalism. Journal of Physics B: Atomic, Molecular and Optical Physics, 2022, 55, 245402.	1.5	0
3950	Classical Analog and Hybrid Metamaterials of Tunable Multiple-Band Electromagnetic Induced Transparency. Nanomaterials, 2022, 12, 4405.	4.1	1
3951	Slow light amplification in a three-level cascade-type system via spontaneously generated coherence and incoherent pumping. Optical and Quantum Electronics, 2023, 55, .	3.3	4
3952	Wave propagation in rotating magnetised plasmas. Plasma Physics and Controlled Fusion, 2023, 65, 034006.	2.1	6
3953	Rare-earth quantum memories: The experimental status quo. Frontiers of Physics, 2023, 18, .	5.0	7
3954	Measurement-Device-Independent Verification ofÂaÂQuantum Memory. Springer Theses, 2023, , 101-119.	0.1	0
3955	Fundamental trade-off between the speed of light and the Fano factor of photon current in three-level lambda systems. Journal of Physics A: Mathematical and Theoretical, 2023, 56, 015001.	2.1	0
3956	Satellite-based quantum information networks: use cases, architecture, and roadmap. Communications Physics, 2023, 6, .	5.3	1
3957	Interplay of polarizations in a cascade EIT system in the presence of vortex coupling light in ⁸⁷ Rb atomic vapor medium. New Journal of Physics, 2023, 25, 013013.	2.9	4
3958	Facilitation-Induced Transparency and Single-Photon Switch with Dual-Channel Rydberg Interactions. Physical Review Applied, 2023, 19, .	3.8	1
3959	Kerr effect on optical induced transparency and group delays in a photothermal cavity. Journal of the Optical Society of America B: Optical Physics, 2023, 40, 542.	2.1	2

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#	Article	IF	CITATIONS
3960	Effect of energy level configuration on storage of optical solitons in InAs/GaAs quantum dot electromagnetically induced transparency medium. Wuli Xuebao/Acta Physica Sinica, 2023, 72, 084204.	0.5	1
3961	Principles ofÂQuantum Memories. Springer Theses, 2023, , 15-29.	0.1	0
3962	Electromagnetically induced transparencies with two transverse Bose–Einstein condensates in a four-mirror cavity. European Physical Journal Plus, 2023, 138, .	2.6	2
3963	Enhanced EIG in microwave controlled X-type atomic system. Journal of the Optical Society of America B: Optical Physics, 0, , .	2.1	0
3964	Electromagnetically induced acoustic transparency amplifier using a superconducting transmon circuit. Physica Scripta, 2023, 98, 025105.	2.5	1
3965	The covert transmittance enhancement effect of terahertz metamaterials coupling with vapor. Sensors and Actuators A: Physical, 2023, 351, 114147.	4.1	0
3966	Tunable magnomechanically induced transparency and fast-slow light in a hybrid cavity magnomechanical system. Chinese Physics B, 2023, 32, 054205.	1.4	2
3967	New cross-coupled resonator induced shifted absorption (CRISA) in double microring resonators using a cross-coupling-structure technique. Journal of Modern Optics, 2022, 69, 1198-1208.	1.3	2
3968	Spontaneous Scattering of Raman Photons from Cavity-QED Systems in the Ultrastrong Coupling Regime. Physical Review Letters, 2022, 129, .	7.8	4
3969	Detection of microwave electric field based on multiple atomic vapor cells. , 2022, , .		0
3970	Quantum sensing of control errors in three-level systems by coherent control techniques. Science China: Physics, Mechanics and Astronomy, 2023, 66, .	5.1	8
3971	Creation and Control of Vortexâ€Beam Arrays in Atomic Vapor. Laser and Photonics Reviews, 2023, 17, .	8.7	11
3972	Quantum interference between dark-excitons and zone-edged acoustic phonons in few-layer WS2. Nature Communications, 2023, 14, .	12.8	9
3973	Tunable dualâ€spectral plasmonâ€induced transparency in terahertz Dirac semimetal metamaterials. Microwave and Optical Technology Letters, 2023, 65, 1448-1455.	1.4	3
3974	Magnon-induced absorption via quantum interference. Optics Letters, 2023, 48, 1164.	3.3	9
3975	External magnetic field-assisted polarization-dependent optical bistability and multistability in a degenerate two-level EIT medium. Laser Physics Letters, 2023, 20, 035201.	1.4	3
3976	Transfer of optical vortices at the Landau level of graphene. European Physical Journal Plus, 2023, 138,	2.6	3
3977	Atomic mixer based on phase control without ac Zeeman shift. Physical Review A, 2023, 107,	2.5	0

#	Article	IF	Citations
3978	Transition from electromagnetically-induced transparency to absorption in a single microresonator. Optics Express, 2023, 31, 7167.	3.4	1
3979	Higher-order sideband based on transparent windows in a two-cavity optomechanical system. Physica Scripta, 2023, 98, 035513.	2.5	2
3980	Multiplexed random-access optical memory in warm cesium vapor. Optics Express, 0, , .	3.4	0
3981	The fast–slow light transitions induced by Fano resonance in multiple nanomechanical resonators. Optics and Laser Technology, 2023, 161, 109242.	4.6	6
3982	Parallel Modes at a Pulsed Two-Frequency Resonance in the Lambda System of Degenerate Quantum Levels. Bulletin of the Lebedev Physics Institute, 2022, 49, S43-S52.	0.6	0
3983	Terahertz Electromagnetically Induced Transparency with Electric-Field-Coupled Inductor-Capacitor Resonators on LCP Substrate. Crystals, 2023, 13, 283.	2.2	0
3984	Slow Light in Quantum Metamaterials. , 2023, , .		0
3985	Metamaterials With Analogous Electromagnetically Induced Transparency and Related Sensor Designs—A Review. IEEE Sensors Journal, 2023, 23, 6378-6396.	4.7	9
3986	Transmission and dispersion management of room-temperature atomic vapor medium of \$\$^{85}\$Rb using EIT protocol. European Physical Journal Plus, 2023, 138, .	2.6	0
3987	Tailoring Electromagnetic Responses in Terahertz Metasurface by Breaking the Structural Symmetry in Tâ€Fhaped Resonators. Advanced Photonics Research. 2023 "4 Application of magnetically induced <mmi:math <="" td="" xmins:mm="http://www.w3.org/1998/Math/MathML"><td>3.6</td><td>2</td></mmi:math>	3.6	2
3988	display="inline" id="d1e432" altimg="si7.svg"> <mml:mrow><mml:msub><mml:mrow><mml:mi>F</mml:mi></mml:mrow><mml:mrow><mml linebreak="goodbreak" linebreakstyle="after">=<mml:mn>4</mml:mn><mml:mo>â†'</mml:mo><mml:msub><mml:mrow><</mml:mrow></mml:msub></mml </mml:mrow></mml:msub></mml:mrow>	:mi>g2.1 mml:mi>F	nl:mi> 1 </td
3989	linebreak="goodbreak" linebreakstyle="after">= <mm. 2023,="" 537,<br="" communications,="" optics="">1294 Light shift induced modification of electromagnetically induced resonances in atomic vapor. Optics Communications, 2023, 537, 129466.</mm.>	2.1	0
3990	Memory and Transduction Prospects for Silicon <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:mi>T</mml:mi> Center Devices. PRX Quantum, 2023, 4, .</mml:math 	9.2	4
3991	Controllable Fano-type optical response and four-wave mixing via magnetoelastic coupling in an opto-magnomechanical system. Journal of Applied Physics, 2023, 133, .	2.5	7
3992	Distributed Quantum Computing with Photons and Atomic Memories. Advanced Quantum Technologies, 2023, 6, .	3.9	3
3993	Formation of strongly shifted EIT resonances using "forbidden―transitions of Cesium. Journal of Quantitative Spectroscopy and Radiative Transfer, 2023, 303, 108582.	2.3	1
3994	Utilization of Galilean Invariance to Characterize Light-Drag in Hot Atomic Vapors. , 2022, , .		0
3995	Bright narrowband photon pairs generated in an intra-cavity 2N walk-off compensating configuration. Optics Communications, 2023, 533, 129307.	2.1	0

#	Article	IF	CITATIONS
3996	Unraveling time- and frequency-resolved nuclear resonant scattering spectra. Physical Review Research, 2023, 5, .	3.6	1
3997	Dephasing of ultracold cesium 80D _{5/2} -Rydberg electromagnetically induced transparency. Optics Express, 2023, 31, 7545.	3.4	0
3998	Actively tunable electromagnetically induced transparency effect and its high-performance sensing application based on asymmetrical graphene cutting line resonators in the low terahertz region. Optical and Quantum Electronics, 2023, 55, .	3.3	4
3999	Quantum Optics of Mössbauer Radiation. Crystallography Reports, 2022, 67, 813-819.	0.6	0
4000	Steady-state entanglement generation for nondegenerate qubits. Physical Review A, 2023, 107, .	2.5	2
4001	Enhancing the spectrum of timed Dicke state via squeezing a cavity mode. Physica Scripta, 2023, 98, 045103.	2.5	0
4002	Efficient optical isolator via dual-Raman process with chiral nonlinearity. Results in Physics, 2023, 46, 106288.	4.1	2
4003	A practical guide to electromagnetically induced transparency in atomic vapor. New Journal of Physics, 2023, 25, 035001.	2.9	12
4004	Sagnac interference in integrated photonics. Applied Physics Reviews, 2023, 10, .	11.3	14
4005	A subwavelength atomic array switched by a single Rydberg atom. Nature Physics, 2023, 19, 714-719.	16.7	25
4006	Ultrafast Resonant State Formation by the Coupling of Rydberg and Dark Autoionizing States. Physical Review Letters, 2023, 130, .	7.8	7
4007	Dual-controllable Plasmon-induced Transparency Based on Active Borophene Metasurface in the Near-infrared Region. Plasmonics, 2023, 18, 761-768.	3.4	2
4008	Optical precursors in waveguide quantum electrodynamics. Physical Review Research, 2023, 5, .	3.6	1
4009	Precise measurement of microwave polarization using a Rydberg atom-based mixer. Optics Express, 2023, 31, 10449. Intercombination-line photoassociation spectroscopy of <mml:math< td=""><td>3.4</td><td>2</td></mml:math<>	3.4	2
4010	xmlns:mml="http://www.w3.org/1998/Math/MathML"> < mml:mrow> < mml:mmultiscripts> < mml:mi> Rb /> < mml:none /> < mml:mn>87 < mml:mmultiscripts> < mml:mi>Yb < mml:mprescripts /> < mml:none /> < mml:mn>170 . Physical	<mml:mpi 2.5</mml:mpi 	rescripts 3
4011	Review A, 2023, 107, . Tunable Switching between Slow and Fast Light in the Graphene Nanodisks (GND)–Quantum Dot (QD) Plasmonic Hybrid Systems. Nanomaterials, 2023, 13, 834.	4.1	2
4012	Substrate and Excitation Intensity Dependence of Saturable Absorption in Perovskite Quantum Dot Films. Nanomaterials, 2023, 13, 871.	4.1	1
4013	Square pyramid: one summit port. , 2023, , 183-203.		0

#	Article	lF	CITATIONS
4014	A self-locking Rydberg atom electric field sensor. Applied Physics Letters, 2023, 122, .	3.3	4
4015	A novel architecture for room temperature microwave optomechanical experiments. Journal of Applied Physics, 2023, 133, 094501.	2.5	2
4016	Vacuum-enhanced charging of a quantum battery. Physical Review A, 2023, 107, .	2.5	5
4017	Noisy intermediate-scale quantum computers. Frontiers of Physics, 2023, 18, .	5.0	19
4018	Waveguide quantum electrodynamics: Collective radiance and photon-photon correlations. Reviews of Modern Physics, 2023, 95, .	45.6	63
4019	Controlling optical switching by an external magnetic field in a degenerate vee-type atomic medium. Physics Letters, Section A: General, Atomic and Solid State Physics, 2023, 469, 128765.	2.1	3
4020	Multiple Phase Stepping Generation in Alkali Metal Atoms: A Comparative Theoretical Study. Applied Sciences (Switzerland), 2023, 13, 3670.	2.5	1
4021	Perfect optomechanically induced transparency and slow light in an Rydberg atom-assisted optomechanical system. Wuli Xuebao/Acta Physica Sinica, 2023, 72, 094203.	0.5	Ο
4022	Accessing and manipulating dispersive shock waves in a nonlinear and nonlocal Rydberg medium. Physical Review A, 2023, 107, .	2.5	0
4023	Azimuthal dependence of electromagnetically induced grating in a double V-type atomic system near a plasmonic nanostructure. European Physical Journal Plus, 2023, 138, .	2.6	12
4024	Ultracold Gas of Dipolar NaCs Ground State Molecules. Physical Review Letters, 2023, 130, .	7.8	21
4025	Low-light-level spin–orbit splitting via structured light cross-Kerr interaction in coherent atomic media. Communications in Theoretical Physics, 2023, 75, 045501.	2.5	1
4026	The third-order nonlinear optical susceptibility of the quantum dot as a three-level system in a hybrid structure. Journal of Applied Physics, 2023, 133, 113101.	2.5	0
4027	Two-dimensional spatial optical solitons in Rydberg cold atomic system under the action of optical lattice. Wuli Xuebao/Acta Physica Sinica, 2023, 72, 104202.	0.5	4
4028	Optical image addition and subtraction based on electromagnetically induced transparency effect. Wuli Xuebao/Acta Physica Sinica, 2023, 72, 094201.	0.5	1
4029	Simultaneous quantum squeezing of light polarizations and atomic spins in a cold atomic gas. Physical Review A, 2023, 107, .	2.5	2
4030	Controlling of optical bistability and multistability via two different incoherent processes. Laser Physics, 2023, 33, 056001.	1.2	0
4031	Quantum nonlinear metasurfaces from dual arrays of ultracold atoms. Physical Review Research, 2023, 5, .	3.6	10

		CITATION REF	ORT	
#	Article		IF	CITATIONS
4032	Multichannel waveguide QED with atomic arrays in free space. Physical Review A, 2023	s, 107, .	2.5	1
4033	Collective dynamics of the unbalanced three-level Dicke model. Physical Review A, 202	3, 107, .	2.5	2
4034	Quantum Microwave Measurements. , 2023, , 1-22.			0
4035	Optical-density enhanced quantum entanglement via four-wave mixing process. Optics 31, 13911.	Express, 2023,	3.4	0
4036	Extending bandwidth sensitivity of Rydberg-atom-based microwave electrometry using microwave field. Physical Review A, 2023, 107, .	an auxiliary	2.5	10
4037	Single molecule photonic transistor and router through plasmonic nanocavity. Applied Lasers and Optics, 2023, 129, .	Physics B:	2.2	1
4038	Two-color unidirectional reflections by modulating the spatial susceptibility in a homog atomic medium. Optics Express, 2023, 31, 14694.	jeneous	3.4	1
4039	Optimization and readout-noise analysis of a warm-vapor electromagnetically-induced- memory on the Cs <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:msub> <mml:mi>Dline_Physical Review A 2023 107</mml:mi></mml:msub></mml:math 	transparency :mi> < mml:mn> 1 < /mml:mn>	/ ⁵ /mml:ms	ub>
4040	Enhanced microwave metrology using an optical grating in Rydberg atoms. Applied Op	tics, 0, , .	1.8	1
4041	Lopsided optical diffraction in loop electromagnetically induced grating. Optics Expres	s, 0, , .	3.4	1
4042	Condensate Formation in a Dark State of a Driven Atom-Cavity System. Physical Review 130, .	v Letters, 2023,	7.8	1
4043	Broadband quantum memory in atomic ensembles. Advances in Atomic, Molecular and 2023, , .	Optical Physics,	2.3	3
4046	Negative group-delay assisted anomalous propagation in stacked Split Ring Resonator Optics, 2023, 12, 100443.	array. Results in	2.0	0
4047	Quantum Langevin theory for two coupled phase-conjugated electromagnetic waves. I A, 2023, 107, .	Physical Review	2.5	1
4049	Antenna-coupled infrared nanospectroscopy of intramolecular vibrational interaction. I of the National Academy of Sciences of the United States of America, 2023, 120, .	Proceedings	7.1	3
4050	Perspective on electromagnetically induced transparency vs Autlerâ \in Townes splitting Science, 2023, 5, .	. AVS Quantum	4.9	0
4051	Triple Fano resonance-induced slow light in multiple-mode coupling nanomechanical re Results in Physics, 2023, 50, 106563.	sonators.	4.1	0
4052	A solid-state optical filter at 1530Ânm based on Voigt anomalous dispersion effect in r ion-doped crystal. Heliyon, 2023, 9, e16787.	are earth	3.2	0

#	Article	IF	CITATIONS
4053	Quantum-Interference-Enhanced Phonon Laser in Cavity Optomechanics. Physical Review Applied, 2023, 19, .	3.8	3
4054	Multichannel nonreciprocal amplifications using cesium vapor. Physical Review A, 2023, 107, .	2.5	0
4055	Spin two-axis-twisting via coherent population trapping based cavity QED. New Journal of Physics, 2023, 25, 063016.	2.9	0
4056	Quantum Microwave Measurements. , 2023, , 1-22.		0
4058	Normal and anomalous dispersion study on probe light propagation in the presence of structured coupling light using electromagnetically induced transparency protocol. Journal of the Optical Society of America B: Optical Physics, 2023, 40, 1904.	2.1	0
4059	Manipulation of giant Kerr nonlinearity and Doppler broadening on graphene's Landau level. Physica Scripta, 2023, 98, 075929.	2.5	1
4060	Fano resonance in whispering gallery mode microcavities and its sensing applications. Optics and Laser Technology, 2023, 167, 109679.	4.6	2
4061	Light strong absorption and its absence in photonic crystals with helical structure being in external static magnetic field. Journal of the Optical Society of America B: Optical Physics, 0, , .	2.1	2
4062	Tunable optical response properties in a Laguerre-Gaussian rovibrational cavity system with a mechanical pump. Quantum Information Processing, 2023, 22, .	2.2	0
4063	Reconstruction of the high-fidelity vortex wavefront via double dark resonances in a four-level atomic medium. Waves in Random and Complex Media, 0, , 1-12.	2.7	0
4064	Certifying Multimode Light-Matter Interaction in Lossy Resonators. Physical Review Letters, 2023, 130, .	7.8	2
4065	A path towards single molecule vibrational strong coupling in a Fabry-Pérot microcavity. Chemical Science, 0, , .	7.4	0
4066	Multidimensional optical solitons and their manipulation in a cold atomic gas with a parity-time-symmetric optical Bessel potential. Physical Review A, 2023, 107, .	2.5	2
4067	Kuznetsov–Ma rogue wave clusters of the nonlinear Schrödinger equation. Nonlinear Dynamics, 2023, 111, 12495-12509.	5.2	0
4068	Light-induced enhanced torque on double-V-type quantum emitters via quantum interference in spontaneous emission. Optics and Laser Technology, 2023, 165, 109550.	4.6	5
4069	Spectrum and Light Shift of the Coherent Population Trapping Resonance in Cells with Antirelaxation Wall Coating in Specular and Diffuse Reflection Models. Journal of Experimental and Theoretical Physics, 2023, 136, 139-147.	0.9	2
4070	Nonreciprocal cavity dark-state polariton and quantum statistics. Physical Review A, 2023, 107, .	2.5	1
4071	Polariton Localization and Dispersion Properties of Disordered Quantum Emitters in Multimode Microcavities. Physical Review Letters, 2023, 130, .	7.8	16

#	Article	IF	CITATIONS
4072	Interaction of four level closed loop atomic systems in the presence of two vector beams. Physica Scripta, 2023, 98, 075101.	2.5	0
4073	Metamaterial-based electromagnetically induced transparency-like sensor design with low-volume sliding dielectric loadings. International Journal of Microwave and Wireless Technologies, 0, , 1-10.	1.9	1
4074	Nanoscale addressing and manipulation of neutral atoms using electromagnetically induced transparency. Physical Review A, 2023, 107, .	2.5	1
4075	Electromagnetically Induced Grating realization in Phaseonium. Communications in Theoretical Physics, 0, , .	2.5	0
4076	Controlling frequency-domain Hong-Ou-Mandel interference via electromagnetically induced transparency. Physical Review A, 2023, 108, .	2.5	0
4077	Quantum Computing atÂlQM. Computational Methods in Applied Sciences (Springer), 2023, , 373-393.	0.3	0
4078	Analog of electromagnetically induced transparency based on asymmetric nickel-ferrite metamaterials in THz regime. AIP Advances, 2023, 13, .	1.3	0
4079	Highly Flexible RF Filter Responses Using Stimulated Brillouin Scattering With Bandwidth up to 1 GHz. Journal of Lightwave Technology, 2023, 41, 6675-6683.	4.6	1
4080	Slot driven dielectric electromagnetically induced transparency metasurface. Optics Express, 2023, 31, 27324.	3.4	3
4081	Electromagnetically Induced Transparency Analog of Asymmetric Perovskite Metamaterial in the THz Spectral Region. Crystals, 2023, 13, 1090.	2.2	0
4082	Nonreciprocity in Cold Atoms Based on Electromagnetically Induced Transparency. Physical Review Applied, 2023, 20, .	3.8	0
4083	Terahertz Metasurfaces for Thermally Controlled Optical Encryption. Laser and Photonics Reviews, 2023, 17, .	8.7	3
4084	Microwave electrometry with bichromatic electromagnetically induced transparency in Rydberg atoms. EPJ Quantum Technology, 2023, 10, .	6.3	0
4085	Light gap bullets in defocusing media with optical lattices. Chaos, Solitons and Fractals, 2023, 174, 113785.	5.1	3
4086	Dynamical controllable optical device designed by tunable graphene nanostructures in a PIT structure. Optik, 2023, 288, 171185.	2.9	0
4087	Photonic transistor based on a coupled-cavity system with polaritons. Optics Express, 2023, 31, 26276.	3.4	1
4088	High-Sensitivity Sensor Based on Diametrical Graphene Strip Plasma-Induced Transparency. Photonics, 2023, 10, 830.	2.0	4
4089	Atomic vapor quantum memory for on-demand semiconductor single photon sources. , 2023, , .		0

			-
#	ARTICLE	IF.	CITATIONS
4090	Coherent control of light-induced torque on four-level tripod atom systems. Scientific Reports, 2023, 13, .	3.3	1
4091	Coherent control of a high-orbital hole in a semiconductor quantum dot. Nature Nanotechnology, 2023, 18, 1139-1146.	31.5	1
4092	Stark control of electrons across the molecule–semiconductor interface. Journal of Chemical Physics, 2023, 159, .	3.0	1
4093	Transformation of twin-peak electromagnetically induced transparency to twin-peak electromagnetically induced absorption based on magnetic dipole and dielectric resonator. Waves in Random and Complex Media, 0, , 1-21.	2.7	0
4094	Large angle electromagnetic induced reflection – Like of phase coupled eccentric ring in metasurface. Physica B: Condensed Matter, 2023, , 415165.	2.7	0
4095	Multiple transparency windows in an atom-assisted Laguerre–Gaussian rovibrational cavity. Physica Scripta, 2023, 98, 095105.	2.5	0
4096	Giant nonlocal Kerr nonlinearity and polaritonic solitons in a Rydberg-dressed Bose-Einstein condensate. Optics Express, 2023, 31, 33518.	3.4	1
4097	Two-photon optical shielding of collisions between ultracold polar molecules. Physical Review Research, 2023, 5, .	3.6	1
4098	Dirac points, new photonic band gaps, and effect of magnetically induced transparency in dichroic cholesteric liquid crystals with wavelength-dependent magneto-optical activity parameter. Physical Review E, 2023, 108, .	2.1	1
4099	Bound states in the continuum in subwavelength emitter arrays. Physical Review Research, 2023, 5, .	3.6	2
4100	Quantum Microwave Measurements. , 2023, , 1399-1420.		0
4101	Actively tunable plasmon-induced transparency in terahertz based on Dirac semimetal metamaterials. Applied Optics, 0, , .	1.8	0
4102	基于里å¾∙å¡åŽŸåçš"æ—线电å‰å¦æµ‹é‡åŠå¶å‰è°±åঈç†æŠ€æœ٦i¼^特é,€ï¼‰. Hongwai Yu Jigu	anog4Gong	chœng/Infrai
4103	éžç›¸å¹²æ³µæµ¦è¾åŠ©çš"ç"µç£è⁻±å⁻¼éžåŽ"å⁻†è¡å°"剿 Guangxue Xuebao/Acta Optica Sinica, 2023, 4	ł3 1.⊉ 3050	02)
4104	State carving in a chirally-coupled atom-nanophotonic cavity. New Journal of Physics, 0, , .	2.9	2
4105	Pseudo-spin-orbit-coupling-based manipulation of vector beams using electromagnetically induced transparency. Optics Express, 0, , .	3.4	0
4106	Tunable Three-Channel Mesoscopic Demultiplexer Based on Detuned Stubs. Physics of Wave Phenomena, 2023, 31, 238-251.	1.1	0
4107	Polaritons for testing the universality of an impurity in a Bose-Einstein condensate. Physical Review A, 2023, 108, .	2.5	0

#	Article	IF	CITATIONS
4108	Electric Field Measurement and Application Based on Rydberg Atoms. , 2023, 1, 1-16.		5
4109	Photonic Integrated Quantum Memory in Rareâ€Earth Doped Solids. Laser and Photonics Reviews, 2023, 17, .	8.7	1
4110	Dual-function tunable metasurface for polarization-insensitive electromagnetic induction transparency and dual-band absorption. Nanotechnology, 2024, 35, 015204.	2.6	1
4111	Photonic negative differential transistor based on cavity polaritons. New Journal of Physics, 2023, 25, 103009.	2.9	0
4112	Phase control of the Autler-Townes doublet in multistate systems. Physical Review A, 2023, 108, .	2.5	2
4113	Cooperative quantum-optical planar arrays of atoms. Physical Review A, 2023, 108, .	2.5	3
4114	Microwave Electrometry with Multi-Photon Coherence in Rydberg Atoms. Sensors, 2023, 23, 7269.	3.8	0
4115	Efficient production of ultracold polar molecules 23Na40K in their absolute ground state via intermediate state of the coupled complex B1Î ν = 4〉 â ¹ ⁄4 c3Σ+ ν = 25〉. Science China: Physics, Mech Astronomy, 2023, 66, .	iamics and	1
4116	Impact of self-steepening and intra-pulse Raman scattering on modulation instability in multiple quantum wells. European Physical Journal Plus, 2023, 138, .	2.6	1
4117	Graphene electromagnetically induced transparent polarization-insensitive sensors inÂthe mid-infrared frequency band. Applied Optics, 2023, 62, 8178.	1.8	2
4118	Spatially structured optical effects in semiconductor quantum dots via biexciton coherence. Laser Physics, 2023, 33, 106002.	1.2	1
4119	Kerrâ€Nonlinearity Enhanced Photon Blockades via Driving a Δâ€Type Atom. Advanced Quantum Technologies, 2023, 6, .	3.9	1
4120	å‰å¦éžçºį性æį€æ´»å‡½æ•°å™ï件的原ç†ä,Žåº"ç"ï. Guangxue Xuebao/Acta Optica Sinica, 2023, 43, 1623	30021.	0
4121	Enabling infinite <i>Q</i> factors in absorbing optical systems. Nanophotonics, 2023, 12, 3443-3454.	6.0	3
4122	Emergence and highly directed output of long-lived resonances in photonic step ladder structure. Optics Communications, 2023, 548, 129856.	2.1	0
4123	Rydberg-atom-based measurements of microwave electric fields with cavity quantum electrodynamics. Journal of the Optical Society of America B: Optical Physics, 2023, 40, 2604.	2.1	Ο
4124	Rydberg electromagnetically induced transparency in 40K ultracold Fermi gases. Chinese Optics Letters, 2023, 21, 100201.	2.9	0
4125	Controlledâ€NOT Gate Based on the Rydberg States of Surface Electrons. Annalen Der Physik, 2023, 535, .	2.4	1

#	Article	IF	CITATIONS
4126	Efficient four-wave mixing in four-subband semiconductor quantum wells using spatially modulated control fields with a linearly varying mixing angle. Journal of Applied Physics, 2023, 134, .	2.5	1
4127	Azimuthal quantum number dependent two dimensional atom microscopy, via atom cavity coupling. Optical and Quantum Electronics, 2023, 55, .	3.3	0
4128	Biphoton generation enhanced by nonlocal nonlinearity via Rydberg interactions. Optics Letters, 2023, 48, 5105.	3.3	0
4129	Dual-modes electromagnetically induced transparency based on carbon nanotube films terahertz metasurface. Optical and Quantum Electronics, 2023, 55, .	3.3	0
4130	Harnessing optical vortices to control current flow via quantized torque in coherently prepared multilevel atoms. Optik, 2023, 291, 171384.	2.9	1
4131	Three-level <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:mi mathvariant="normal">ĥ </mml:mi </mml:math> -type microwave memory via parametric-modulation-induced transparency in a superconducting quantum circuit. Physical Review Research 2023 5	3.6	0
4132	Formation and highly directional output of long-lived resonances in photonic comblike structures. Physical Review B, 2023, 108, .	3.2	0
4133	Dynamic Modulation of Multilayer Structured Metamaterials Based on Vanadium Dioxide. Journal of Physics: Conference Series, 2023, 2597, 012005.	0.4	0
4134	Fisher information analysis for quantum-enhanced parameter estimation in an electromagnetically-induced-transparency spectrum with single photons. Physical Review A, 2023, 108,	2.5	0
4135	Multifunctional active terahertz metasurface with electromagnetically induced transparency, perfect absorption, and circular dichroism. Optics Communications, 2024, 550, 129989.	2.1	4
4136	Using dark solitons from a Bose–Einstein condensate necklace to imprint soliton states in the spectral memory of a free boson gas. New Journal of Physics, 2023, 25, 103017.	2.9	0
4137	Perfect state transfer and maximal entanglement in a trimer of three-level systems. Physical Review A, 2023, 108, .	2.5	0
4138	Propagation of surface acoustic waves through an array of superconducting transmon circuits. European Physical Journal Plus, 2023, 138, .	2.6	0
4139	Exceptional points and lines and Dirac points and lines in magnetoactive cholesteric liquid crystals. Journal of Molecular Liquids, 2023, 390, 123180.	4.9	0
4140	Suppression of dark-state polariton collapses in a cold-atom quantum memory. Physical Review A, 2023, 108, .	2.5	0
4141	Spatiotemporal Multiplexed Rydberg Receiver. IEEE Transactions on Quantum Engineering, 2023, 4, 1-8.	4.9	3
4142	Dispersion-dependent superluminal propagation and photon drag in GaAs/AlGaAs quantum dot molecule. Physica Scripta, 2023, 98, 115116.	2.5	1
4143	Quantum optical memory for entanglement distribution. Optica, 2023, 10, 1511.	9.3	3

ARTICLE IF CITATIONS Negative cavity photon spectral function in an optomechanical system with two parametrically-driven 3.4 2 4144 mechanical modes. Optics Express, 2023, 31, 36615. Emergence of Synchronization in a Driven-Dissipative Hot Rydberg Vapor. Physical Review Letters, 2023, 4145 7.8 131, . Spontaneous emission spectrum from a V-type artificial atom in a strong-coupling regime: Dark lines 4146 2.51 and line narrowing. Physical Review A, 2023, 108, . Laser fluctuation effects in EIT engine. Journal of the Optical Society of America B: Optical Physics, 0, , 4148 Spatially patterned light amplification without inversion. Results in Physics, 2023, 54, 107135. 4.1 4149 2 Theory of localized light. Modern Physics Letters B, O, , . é«~é~¶æ•^⺔ä,‹Nåž‹é‡åé~±ElT介è^äjå...‰å₿çš,å²å⊷. Guangxue Xuebao/Acta Optica Sinica, 2023, 43, 1919001. 4151 1.2 0 Topologically originated optical analog of electromagnetically induced reflectance in Dirac 4152 2.8 semi-metal based photonic structure. Journal Physics D: Applied Physics, 2024, 57, 065101. Effect of light ellipticity and polarization angle on the transient dynamics of the ground-state Hanle 4153 2.2 0 effect. Journal of Optics (United Kingdom), 2023, 25, 125404. Coherence as an indicator to discern electromagnetically induced transparency and Autler–Townes 4154 2.1 splitting. Journal of the Optical Society of America B: Optical Physics, 2024, 41, 29. Probing Nonlinear Light–Matter Interaction in Momentum Space: Coherent Multiphoton 4155 0 0.7 Photoemission Spectroscopy. Springer Series in Optical Sciences, 2023, , 57-82. Electromagnetically induced transparency based on spoof localized surface plasmons. Japanese 1.5 Journal of Applied Physics, 0, , . Quantum control of quantum systems: from room-temperature masers to generation of entanglement 4157 2.6 1 photons. European Physical Journal: Special Topics, 2023, 232, 3359-3367. Chiral phase modulation and a tunable broadband perfect absorber using a coherent cold atomic 2.5 ensemble. Physical Review A, 2023, 108, . Generation and Manipulation of Spinâ€Orbit Coupling mode via Fourâ€Wave Mixing with Quantum 4159 0 8.7 Interference. Laser and Photonics Reviews, 2024, 18, . Tunable conversion of electromagnetically induced transparency to electromagnetically induced absorption based on vanadium dioxide metastructure. Optik, 2024, 296, 171554. Synthetic Landau levels and robust chiral edge states for dark-state polaritons in a static and 4161 3.6 0 scalable continuum media. Physical Review Research, 2023, 5, . Nonlinear parametric generation in a four-level inverted-type quantum well nanostructure. Modern Physics Letters B, O, , .

4164	Electromagnetically induced transparency in many-emitter waveguide quantum electrodynamics: Linear versus nonlinear waveguide dispersions. Physical Review A, 2023, 108, .	2.5	Ο	

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4165	Multimodal optical clearing to minimize light attenuation in biological tissues. Scientific Reports, 2023, 13, .	3.3	0
4166	A Reconfigurable Three-Dimensional Electromagnetically Induced Transparency Metamaterial with Low Loss and Large Group Delay. Electronics (Switzerland), 2023, 12, 4930.	3.1	0
4167	Asymmetric pillars Ring Resonators for electromagnetically induced transparency in a terahertz metamaterial using multi-photon lithography. , 2023, , .		0
4168	Control of quantum interference frequency combs: Multistable temporal cavity solitons. Physical Review A, 2023, 108, .	2.5	0
4169	Parallel Implementation of CNOTN and C2NOT2 Gates via Homonuclear and Heteronuclear Förster Interactions of Rydberg Atoms. Photonics, 2023, 10, 1280.	2.0	2
4170	Terahertz sensor based on plasmon-induced transparency in a carbon nanotube metamaterial. Physica Scripta, 2023, 98, 125526.	2.5	0
4171	Matched optical vortices of slow light using a tripod coherently prepared scheme. Physical Review A, 2023, 108, .	2.5	0
4172	Significant enhancement of group delay in electromagnetically induced transparency with a spatially partially coherent coupling field. Physical Review A, 2023, 108, .	2.5	0
4173	Spectral splitting of a stimulated Raman transition in a single molecule. Physical Review Research, 2023, 5, .	3.6	1
4174	Highly Efficient Storage of 25-Dimensional Photonic Qudit in a Cold-Atom-Based Quantum Memory. Physical Review Letters, 2023, 131, .	7.8	0
4175	Quantum-enhanced electrometer based on microwave-dressed Rydberg atoms. Physical Review Applied, 2023, 20, .	3.8	0
4176	All-optical switching at the two-photon limit with interference-localized states. Physical Review Research, 2023, 5, .	3.6	0
4178	Three-photon Rydberg-atom-based radio-frequency sensing scheme with narrow linewidth. Physical Review Applied, 2023, 20, .	3.8	1
4179	Electromagnetically induced transparency and optical pumping in the hyperfine Paschen-Back regime. Physical Review A, 2023, 108, .	2.5	1
4180	One-Dimensional Gap Soliton Molecules and Clusters in Optical Lattice-Trapped Coherently Atomic Ensembles via Electromagnetically Induced Transparency. Crystals, 2024, 14, 36.	2.2	0
4181	Multifunctional graphene metamaterials based on polarization-insensitive plasmon-induced transparency. Optics Express, 0, , .	3.4	0

	СІТА	CITATION REPORT	
#	ARTICLE Photo-enhanced Room Temperature Magnetism and Two-Photon Effects in Manganese-Implanted	IF 19	CITATIONS
4102	Gallium Nitride p-i-n Structures. IEEE Journal of Quantum Electronics, 2023, , 1-1.	1.9	0
4183	The Arago–Poisson Spot: New Applications for an Old Concept. Photonics, 2024, 11, 55.	2.0	0
4184	Transparent phase dielectric metasurfaces. , 2024, , 287-328.		0
4185	Dynamics of twin pulse propagation and dual-optical switching in a ĥÂ+ÂΞ atomic medium. Chaos, Solita and Fractals, 2024, 178, 114304.	ons 5.1	1
4186	Theoretical Review of a new approach of Lithography at nm Resolution. , 2023, , .		0
4187	Physics-Informed Neural Networks for Quantum Control. Physical Review Letters, 2024, 132, .	7.8	0
4188	Ultrahigh- <i>Q</i> Metasurface Transparency Band Induced by Collective–Collective Coupling. Nano Letters, 2024, 24, 1238-1245.	9.1	0
4189	Double plasmon-induced transparency 3 bit graphene encoder. Diamond and Related Materials, 2024, 142, 110800.	3.9	0
4190	Single-atom quantum heat engine based on electromagnetically induced transparency. Physical Review A, 2024, 109, .	2.5	0
4191	Differenceâ€Frequency Generation with and without Quantum Interference in Superconducting Circuits. Advanced Quantum Technologies, 2024, 7, .	3.9	0
4192	Controlled multiple spectral hole burning via a tripod-type atomic medium. New Journal of Physics, 2024, 26, 013047.	2.9	0
4193	Developments of terahertz metasurface biosensors: A literature review. Nanotechnology Reviews, 2024, 13, .	5.8	0
4194	Generating high-fidelity ultraviolet Laguerre–Gaussian mode using four-wave mixing. Optics Communications, 2024, 557, 130302.	2.1	0
4195	Experimental validation of group delay in a multi-window electromagnetically induced transparency metasurface. Journal of Applied Physics, 2024, 135, .	2.5	0
4196	Coupled high-finesse optical Fabry-Perot microcavities. Physical Review A, 2024, 109, .	2.5	0
4197	Optimized design for absorption metasurface based on autoencoder (AE) and BiLSTM-Attention-FCN-Net. Physica Scripta, 2024, 99, 036002.	2.5	0
4198	Decoherence-induced cross-Kerr nonlinearity for quantum entanglement. Laser Physics Letters, 2024, 21, 035203.	1.4	0
4199	Interactive four-level tripod configuration in Zeeman sublevels of ⁸⁷ Rb leads to power broadening immune electromagnetically inducedÂtransparency. Journal of the Optical Society of America B: Optical Physics, 2024, 41, 665.	2.1	0

#	Article	IF	CITATIONS
4200	Hybrid coherent control of magnons in a ferromagnetic phononic resonator excited by laser pulses. Physical Review Research, 2024, 6, .	3.6	1
4201	Inverse Design of Electromagnetic Induced Transparency Metamaterials Based on Generative Adversarial Network. , 2023, , .		0
4202	Unified light-matter Floquet theory and its application to quantum communication. Physical Review Research, 2024, 6, .	3.6	1
4203	Excitons guided by polaritons. Quantum Science and Technology, 2024, 9, 025009.	5.8	0
4204	Adiabatic States and Suppression of Dissipative Processes. Optical Memory and Neural Networks (Information Optics), 2023, 32, S402-S408.	1.0	0
4205	Formation of Narrow Atomic Lines of Rb in the UV Region Using a Magnetic Field. Optical Memory and Neural Networks (Information Optics), 2023, 32, S343-S348.	1.0	0
4206	Linear and phase controllable terahertz frequency conversion via ultrafast breaking the bond of a meta-molecule. Nature Communications, 2024, 15, .	12.8	0
4207	Spatial characterization of Fraunhofer diffraction in a four-level light-matter-coupling system. Physical Review A, 2024, 109, .	2.5	1
4208	Optical Extreme Learning Machines with Atomic Vapors. Atoms, 2024, 12, 10.	1.6	0
4209	Nonlinear Rydberg exciton-polaritons in Cu2O microcavities. Light: Science and Applications, 2024, 13, .	16.6	0
4210	Knob of adjusting light group velocity in an inhomogeneously broadened degenerate two-level atomic medium by a magnetic field. Laser Physics Letters, 2024, 21, 035208.	1.4	1
4211	Switch and phase shift of photon polarization qubits via double Rydberg electromagnetically induced transparency. Physical Review A, 2024, 109, .	2.5	0
4212	Electromagnetically Induced Transparency in the Strongly Relativistic Regime. Physical Review Letters, 2024, 132, .	7.8	0
4213	Mapping of atoms via the coherence superpositions of orbital angular momentum light. Journal of the Optical Society of America B: Optical Physics, 2024, 41, 768.	2.1	0
4214	Interference of the Electric and Envelope Areas of Ultrashort Light Pulses in Quantum Systems. Radiophysics and Quantum Electronics, 0, , .	0.5	0
4215	Isotropic antenna based on Rydberg atoms. Optics Express, 2024, 32, 8379.	3.4	0
4216	Electromagnetically Induced Transparency-Like Metamaterial Sensor with Split-Ring Resonator. , 2023, , .		0
4217	Triple electromagnetically induced transparency generated slow light for multiple carbon nanotube resonators. Journal of Applied Physics, 2024, 135, .	2.5	0

#	ARTICLE Spatially distributed <mml:math <br="" altimg="si6.svg" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline" id="d1e850"><mml:mrow><mml:mi mathvariant="script">P</mml:mi><mml:mi< th=""><th>IF</th><th>CITATIONS</th></mml:mi<></mml:mrow></mml:math>	IF	CITATIONS
4218	mathvariant="script">T symmetric refractive index using four-wave-mixing in a double- <mml:math altimg="si7.svg" display="inline" id="d1e858" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>i></mml:mi>i>i></mml:math> setup. Optics and Laser	4.6	0
4220	Tunable superluminal propagation at spectral hole-burning regions in magneto-optical atomic medium. Results in Physics, 2024, 58, 107507.	4.1	0
4221	Maximizing Four-Wave Mixing in Four-Subband Semiconductor Quantum Wells with Optimal-Shortcut Spatially Varying Control Fields. Symmetry, 2024, 16, 261.	2.2	0
4222	Cavity QED photons for generating a double-cavity-induced transparency. Physical Review A, 2024, 109, .	2.5	0
4223	Controllable light group velocity in a degenerate two-level medium under the assistance of an external magnetic field. , 2024, 93, 106-113.		0
4224	Group delayed phase switching of Gaussian light pulses via a thermal atomic medium. European Physical Journal Plus, 2024, 139, .	2.6	0
4225	Optomechanical second-order sidebands and group delays in a spinning resonator with a parametric amplifier and non-Markovian effects. Physical Review A, 2024, 109, .	2.5	0
4226	Highly sensitive microwave electrometry with enhanced instantaneous bandwidth. Physical Review Applied, 2024, 21, .	3.8	0
4227	Multi-breathers and higher-order rogue waves on the periodic background in a fourth-order integrable nonlinear SchrĶdinger equation. Journal of Mathematical Analysis and Applications, 2024, 537, 128287.	1.0	0
4228	The Effect of Laser Power on Electric Field Measurement Based on Rydberg Atom. Lecture Notes in Electrical Engineering, 2024, , 18-25.	0.4	0
4229	Active control of an electromagnetically induced transparency analogue in a coupled dual bound states in the continuum system integrated with graphene. Physical Chemistry Chemical Physics, 2024, 26, 9568-9577.	2.8	0
4230	Interference of the Electric and Envelope Areas of Ultrashort Light Pulses in Quantum Systems. Radiophysics and Quantum Electronics, 2023, 66, 286-303.	0.5	0
4231	Influence of Kerr Effect on Second-Order Nonlinearity Induced Transparency. Wuhan University Journal of Natural Sciences, 2024, 29, 67-73.	0.4	0
4232	Sensitivity of Rydberg microwave electrometry limited by laser frequency noise. Physical Review A, 2024, 109, .	2.5	0
4233	Coherent interface between optical and microwave photons on an integrated superconducting atom chip. EPJ Quantum Technology, 2024, 11, .	6.3	0
4235	Rydberg atom electric field sensing for metrology, communication and hybrid quantum systems. Science Bulletin, 2024, , .	9.0	0