

# Electromagnetically induced transparency: Optics in co

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Pressure-Induced Resistance and Color Change in KTN. Japanese Journal of Applied Physics, 1980, 19, L248-L250.	0.8	2
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4	Electromagnetically induced transparency with tunable single-photon pulses. Nature, 2005, 438, 837-841.	13.7	635
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6	Off-resonant preparation of a vibrational coherence for enhanced stimulated Raman scattering. Physical Review A, 2005, 72, .	1.0	8
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8	Three-way entanglement and three-qubit phase gate based on a coherent six-level atomic system. Physical Review A, 2006, 74, .	1.0	51
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11	Tunable photonic crystals based on EIT media. , 2006, 6352, 195.		1
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14	Spatiotemporal quantum manipulation of traveling light: Quantum transport. Applied Physics Letters, 2006, 88, 121117.	1.5	5
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21	Assessment of a quantum phase-gate operation based on nonlinear optics. <i>Physical Review A</i> , 2006, 74, .	1.0	14
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1579	Guiding ultraslow weak-light bullets with Airy beams in a coherent atomic system. Physical Review A, 2014, 89, .	1.0	20
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1636	Spontaneous decay of an atom excited in a dense and disordered atomic ensemble: Quantum microscopic approach. <i>Physical Review A</i> , 2014, 90, .	1.0	45
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1644	Quantum model of coupled intersubband plasmons. <i>Physical Review B</i> , 2014, 90, .	1.1	27
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2197	Soliton solutions of coupled Maxwell-Bloch equations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016, 380, 1141-1150.	0.9	10
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2640	Electromagnetically induced transparency in degenerate ladder-type system. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	1.5	3

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2884	Effect of Nanodisks at Different Positions on the Fano Resonance of Graphene Heptamers. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4345.	1.3	0
2885	Independently tunable electromagnetically induced transparency effect and dispersion in a multi-band terahertz metamaterial. <i>Scientific Reports</i> , 2019, 9, 18068.	1.6	63
2886	Blockade-induced resonant enhancement of the optical nonlinearity in a Rydberg medium. <i>Physical Review A</i> , 2019, 100, .	1.0	9
2887	Collective suppression of optical hyperfine pumping in dense clouds of atoms in microtraps. <i>Physical Review A</i> , 2019, 100, .	1.0	10
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2891	Investigation of Fano resonances in the optomechanical cavity via a magnetic field. <i>Journal of Modern Optics</i> , 2019, 66, 176-182.	0.6	5
2892	A sensitive and selective terahertz sensor for the fingerprint detection of lactose. <i>Talanta</i> , 2019, 192, 1-5.	2.9	41
2893	Tunable Metamaterial with Gold and Graphene Split-Ring Resonators and Plasmonically Induced Transparency. <i>Nanomaterials</i> , 2019, 9, 7.	1.9	13

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2895	Electromagnetically induced holographic imaging with Rydberg atoms. <i>Optics Communications</i> , 2019, 437, 290-296.	1.0	4
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2901	Energy conversion from environmental fluctuations to coherent fields by Cooper-pair box quantum meta-materials. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 055702.	0.7	1
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2904	Induced Transparency in Plasmon-Exciton Nanostructures for Sensing Applications. <i>Laser and Photonics Reviews</i> , 2019, 13, 1800176.	4.4	35
2905	Vacuum-enhanced optical nonlinearities with disordered molecular photoswitches. <i>Physical Review B</i> , 2019, 99, .	1.1	8
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2909	Optical quantum bit string comparator. <i>Optical and Quantum Electronics</i> , 2019, 51, 1.	1.5	4
2910	Soliton slow light for closed loop quantum systems. <i>Physica Scripta</i> , 2019, 94, 025103.	1.2	2
2911	Static force characterization with Fano anti-resonance in levitated optomechanics. <i>Applied Physics Letters</i> , 2019, 114, .	1.5	8

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2917	The theory of selective reflection for a Fabry-Pérot interferometer. <i>Optics Communications</i> , 2019, 436, 76-81.	1.0	2
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2921	Study of EIT resonances in an anti-relaxation coated Rb vapor cell. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019, 383, 91-96.	0.9	16
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2923	Effects of electron-phonon coupling on electromagnetically induced transparency in second quantization approach. <i>Optik</i> , 2020, 201, 163495.	1.4	0
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2928	Tunable slow and fast light in an atom-assisted optomechanical system with a mechanical pump. <i>Optics Communications</i> , 2020, 456, 124605.	1.0	6
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2931	Dynamic manipulation of probe pulse and coherent generation of beating signals based on tunneling-induced inference in triangular quantum dot molecules*. <i>Chinese Physics B</i> , 2020, 29, 034204.	0.7	3
2932	Slow light pulse propagation through spherical quantum dot with on-center hydrogen impurity in magnetic field. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020, 118, 113883.	1.3	1
2933	Strong Coupling of a Single Ion to an Optical Cavity. <i>Physical Review Letters</i> , 2020, 124, 013602.	2.9	62
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2936	Population distribution in three-level electromagnetically induced transparent system. <i>Optik</i> , 2020, 203, 164039.	1.4	0
2937	Two photon conditional phase gate based on Rydberg slow light polaritons. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 054003.	0.6	7
2938	Self-Assembled InAs/GaAs Coupled Quantum Dots for Photonic Quantum Technologies. <i>Advanced Quantum Technologies</i> , 2020, 3, 1900085.	1.8	16
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2947	Optical Magnetism and Huygens <sup>TM</sup> Surfaces in Arrays of Atoms Induced by Cooperative Responses. <i>Physical Review Letters</i> , 2020, 125, 143604.	2.9	27

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2949	Frequency up-conversion of intense, ultrashort laser pulses at maximal atomic coherence. <i>Physical Review A</i> , 2020, 102, .	1.0	2
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2952	Controlled Transport of Stored Light. <i>Physical Review Letters</i> , 2020, 125, 150501.	2.9	15
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2955	Control over spectral hole burning via spontaneously generated coherence and Kerr non-linearity. <i>Optik</i> , 2020, 224, 165558.	1.4	3
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2957	A tunable broadband microwave absorber based on coherent population trapping. <i>Laser Physics</i> , 2020, 30, 095201.	0.6	0
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2960	Tuning of Classical Electromagnetically Induced Reflectance in Babinet Chalcogenide Metamaterials. <i>IScience</i> , 2020, 23, 101367.	1.9	7
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2969	Electromagnetically induced absorption resonances in Hanle-configuration prepared in a paraffin coated <sup>87</sup> Rb cell. <i>Journal of Physics: Conference Series</i> , 2020, 1492, 012011.	0.3	2
2970	A planar metamaterial based on metallic rectangular-ring pair for narrow electromagnetically induced transparency-like effect. <i>Journal of Applied Physics</i> , 2020, 128, 065105.	1.1	5
2971	Scheme for Bidirectional Quantum Teleportation of Unknown Electron-Spin States of Quantum Dots within Single-Sided Cavities. <i>International Journal of Theoretical Physics</i> , 2020, 59, 3705-3720.	0.5	3
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2986	Control of space-dependent four-wave mixing in a four-level atomic system. Physical Review A, 2020, 102, .	1.0	30
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2998	Large angle reciprocal electromagnetically induced transparency on fano resonance in metamaterials. Optical and Quantum Electronics, 2020, 52, 1.	1.5	1
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3008	Nonlocal nonlinear optical X waves and their active control in a Rydberg atomic gas. <i>Physical Review A</i> , 2020, 101, .	1.0	4
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3012	Multiphoton Coherence Effects in Double-Inverted Y System. <i>Journal of Russian Laser Research</i> , 2020, 41, 215-224.	0.3	0
3013	Microwave electrometry via electromagnetically induced absorption in cold Rydberg atoms. <i>Physical Review A</i> , 2020, 101, .	1.0	53
3014	Coherent control of symmetric and asymmetric diffraction grating via relative phase. <i>Journal of Modern Optics</i> , 2020, 67, 737-745.	0.6	5
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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. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 185002.	0.6	5



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3023	Actively mode tunable electromagnetically induced transparency in a polarization-dependent terahertz metamaterial. <i>AIP Advances</i> , 2020, 10, 045026.	0.6	13
3024	Electromagnetically induced transparency in a dipolar molecular system with Laguerre-Gaussian mode. <i>Journal of Modern Optics</i> , 2020, 67, 823-831.	0.6	1
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3032	Molecular polaritons for controlling chemistry with quantum optics. <i>Journal of Chemical Physics</i> , 2020, 152, 100902.	1.2	186
3033	Probe response of a cavity-optomechanical system coupling to a frequency-dependent bath. <i>Physical Review A</i> , 2020, 101, .	1.0	4
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3042	Adiabatic elimination and subspace evolution of open quantum systems. <i>Physical Review A</i> , 2020, 101, .	1.0	11
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3045	Experimental demonstration of quantum interference modulation via precise dephasing control in atoms. <i>Optics Communications</i> , 2020, 466, 125655.	1.0	3
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3047	Fast- and slow-light-enhanced light drag in a moving microcavity. <i>Communications Physics</i> , 2020, 3, .	2.0	19
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