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Experimental realization of an on-chip all-optical analogue to electromagnetically induced transparency

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#	Paper	IF	Citations
585	Study of Coupled-Resonator-Induced Transparency in 3B Coupler Based Dual Microring Resonators. <b>2006</b> ,		
584	Advances in Theory of Photonic Crystals. <b>2006</b> , 24, 4493-4501		29
583	Photonics: transparency on an optical chip. <b>2006</b> , 441, 701-2		68
582	Optical transparency using interference between two modes of a cavity. <i>Physical Review A</i> , <b>2006</b> , 74,	2.6	12
581	Electro-optic Tuning of On-Chip Optical Transparency. 2007,		
580	Linewidth Narrowing in Microstrip Resonator Using Effective Highly Dispersive Medium. 2007, 24, 975-	978	
579	Switchable AlxGa1⊠As all-optical delay line at 1.55th. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 101112	3.4	4
578	Analog to multiple electromagnetically induced transparency in all-optical drop-filter systems. <i>Physical Review A</i> , <b>2007</b> , 75,	2.6	76
577	Dispersive phase response in optical waveguide-resonator system. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 19	1308	8
576	Coupled cavity QED for coherent control of photon transmission: Green-function approach for hybrid systems with two-level doping. <i>Physical Review A</i> , <b>2007</b> , 76,	2.6	29
575	Control of photon tunneling in optical waveguides. <i>Optics Letters</i> , <b>2007</b> , 32, 557-9	3	13
574	Simultaneous fast and slow light in microring resonators. <i>Optics Letters</i> , <b>2007</b> , 32, 3480-2	3	11
573	Pattern Dependence of Data Distortion in Slow-Light Elements. <b>2007</b> , 25, 1754-1760		20
572	Coherent control of photon transmission: Slowing light in a coupled resonator waveguide doped with latoms. <i>Physical Review A</i> , <b>2007</b> , 76,	2.6	36
571	Giant Kerr nonlinearities and solitons in a crystal of molecular magnets. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 094104	3.4	169
570	Slow light in coupled-resonator-induced transparency. <i>Physical Review Letters</i> , <b>2007</b> , 98, 213904	7.4	357
569	Switchable All-Optical 188-ps Delay Line in AlGaAs. <b>2007</b> ,		

## (2008-2007)

568	Highly-sensitive sensor with large measurement range realized with two cascaded-microring resonators. <i>Optics Communications</i> , <b>2007</b> , 279, 89-93	2	20
567	Ultracompact optical buffers on a silicon chip. <b>2007</b> , 1, 65-71		814
566	Actuation of micro-optomechanical systems via cavity-enhanced optical dipole forces. <b>2007</b> , 1, 416-422	2	163
565	Breaking the delay-bandwidth limit in a photonic structure. <b>2007</b> , 3, 406-410		226
564	Dynamic photon storage. <b>2007</b> , 3, 372-374		19
563	A high sensitivity optical gyroscope based on slow light in coupled-resonator-induced transparency. <b>2008</b> , 372, 5848-5852		24
562	Discrete breathers [Advances in theory and applications. 2008, 467, 1-116		667
561	Slow light in photonic crystals. <b>2008</b> , 2, 465-473		1237
560	Optical Signal Processing Using Tunable Delay Elements Based on Slow Light. <b>2008</b> , 14, 691-705		65
559	Plasmon-induced transparency in metamaterials. <i>Physical Review Letters</i> , <b>2008</b> , 101, 047401	7.4	1667
558	Metamaterial analog of electromagnetically induced transparency. <i>Physical Review Letters</i> , <b>2008</b> , 101, 253903	7.4	658
557	Coherent output of photons from coupled superconducting transmission line resonators controlled by charge qubits. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	43
556	Proposal to Produce Coupled Resonator-Induced Transparency and Bistability Using Microresonator Enhanced Mach Dehnder Interferometer. <b>2008</b> , 20, 529-531		11
555	Slow light with cavity electromagnetically induced transparency. <i>Optics Letters</i> , <b>2008</b> , 33, 46-8	3	62
554	High-speed electro-optic control of the optical quality factor of a silicon microcavity. <i>Optics Letters</i> , <b>2008</b> , 33, 1644-6	3	40
553	Electromagnetically induced transparency-like effect in the degenerate triple-resonant optical parametric amplifier. <i>Optics Letters</i> , <b>2008</b> , 33, 1911-3	3	8
	parametre ampuner. Optics Letters, <b>Lood</b> , 33, 1911 3		
552	Compact and Tunable Slow and Fast Light Device Based on Two Coupled Dissimilar Optical Nanowires. <b>2008</b> , 26, 3714-3720		8

550	Coupled optical microcavities: an enhanced refractometric sensing configuration. <i>Optics Express</i> , <b>2008</b> , 16, 12538-43	3.3	78
549	Coupling Whispering-Gallery-Mode Microcavities With Modal Coupling Mechanism. 2008, 44, 1065-107	0	12
548	Coupled quantum electrodynamics in photonic crystal cavities towards controlled phase gate operations. <b>2008</b> , 10, 123013		23
547	Aligning microcavity resonances in silicon photonic-crystal slabs using laser-pumped thermal tuning. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 103114	3.4	32
546	Atomic entanglement versus visibility of photon interference for quantum criticality of a hybrid system. <i>Physical Review A</i> , <b>2008</b> , 77,	2.6	24
545	Observations of delayed all-optical routing in a slow-light regime. <i>Physical Review A</i> , <b>2008</b> , 78,	2.6	24
544	Measurement of the dispersion induced by a slow-light system based on coupled active-resonator-induced transparency. <i>Physical Review A</i> , <b>2008</b> , 78,	2.6	28
543	Photonic crystal theory. <b>2008</b> , 431-454		3
542	High-order microring filters on SOI wafer. 2009,		
541	Nonlinear Fano-Feshbach resonances. <i>Physical Review E</i> , <b>2009</b> , 79, 026611	2.4	26
54 <sup>1</sup>	Nonlinear Fano-Feshbach resonances. <i>Physical Review E</i> , <b>2009</b> , 79, 026611  Multi-channel delay lines using dual cascaded detuning cells of microring coupled-resonator optical waveguides. <b>2009</b> ,	2.4	26
	Multi-channel delay lines using dual cascaded detuning cells of microring coupled-resonator optical	2.4	26
540	Multi-channel delay lines using dual cascaded detuning cells of microring coupled-resonator optical waveguides. <b>2009</b> ,	0.8	10
540 539	Multi-channel delay lines using dual cascaded detuning cells of microring coupled-resonator optical waveguides. 2009,  Observation of group delay in optical fiber resonator. 2009,  SLOW LIGHT IN A TWO MICROSPHERE OPTICAL FIBER SYSTEM. Journal of Nonlinear Optical Physics		
540 539 538	Multi-channel delay lines using dual cascaded detuning cells of microring coupled-resonator optical waveguides. 2009,  Observation of group delay in optical fiber resonator. 2009,  SLOW LIGHT IN A TWO MICROSPHERE OPTICAL FIBER SYSTEM. Journal of Nonlinear Optical Physics and Materials, 2009, 18, 591-597  Optical Control of the Localized-Surface-Plasmon-Resonance Enhancement of Evanescent		
54° 539 538	Multi-channel delay lines using dual cascaded detuning cells of microring coupled-resonator optical waveguides. 2009,  Observation of group delay in optical fiber resonator. 2009,  SLOW LIGHT IN A TWO MICROSPHERE OPTICAL FIBER SYSTEM. Journal of Nonlinear Optical Physics and Materials, 2009, 18, 591-597  Optical Control of the Localized-Surface-Plasmon-Resonance Enhancement of Evanescent Coupling. 2009,		
540 539 538 537 536	Multi-channel delay lines using dual cascaded detuning cells of microring coupled-resonator optical waveguides. 2009,  Observation of group delay in optical fiber resonator. 2009,  SLOW LIGHT IN A TWO MICROSPHERE OPTICAL FIBER SYSTEM. Journal of Nonlinear Optical Physics and Materials, 2009, 18, 591-597  Optical Control of the Localized-Surface-Plasmon-Resonance Enhancement of Evanescent Coupling. 2009,  Observation of EIT-like effect in a single high-Q microcavity. 2009,  Cascaded Microresonator-Based Matrix Switch for Silicon On-Chip Optical Interconnection. 2009,		10

532	Artificial dispersion of active optical coupled resonator systems. 2009, 10, 964-979		1
531	Simultaneous coupling of three hfs components in a cascade scheme of EIT in cold 85Rb atoms. <b>2009</b> , 355, 1295-1301		8
530	On-chip generation of high-intensity short optical pulses using dynamic microcavities. <i>Optics Letters</i> , <b>2009</b> , 34, 2315-7	3	9
529	Tunable Fano interference effect in coupled-microsphere resonator-induced transparency. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2009</b> , 26, 813	1.7	51
528	Grating induced transparency (GIT) and the dark mode in optical waveguides. <i>Optics Express</i> , <b>2009</b> , 17, 11710-8	3.3	28
527	Collective emission and absorption in a linear resonator chain. <i>Optics Express</i> , <b>2009</b> , 17, 15210-5	3.3	7
526	Resonance-enhanced optical forces between coupled photonic crystal slabs. <i>Optics Express</i> , <b>2009</b> , 17, 21897-909	3.3	57
525	Optical analog of population trapping in the continuum: Classical and quantum interference effects. <i>Physical Review A</i> , <b>2009</b> , 79,	2.6	23
524	Electromagnetically induced transparency and slow light in an array of metallic nanoparticles. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	162
523	All-optical analog to electromagnetically induced transparency in multiple coupled photonic crystal cavities. <i>Physical Review Letters</i> , <b>2009</b> , 102, 173902	7.4	278
522	Electromagnetically induced transparency-like effect in a single polydimethylsiloxane-coated silica microtoroid. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 231115	3.4	78
521	Analysis of optical reflector based on circular coupled microring resonators. 2009,		
520	Analysis of asymmetric transparent characteristics of parallel cascaded dual detuning microring resonators. <b>2009</b> ,		
519	Low-loss metamaterials based on classical electromagnetically induced transparency. <i>Physical Review Letters</i> , <b>2009</b> , 102, 053901	7.4	530
518	Optical Nonlinearities in High-Q Photonic Crystal Nanocavities. <b>2009</b> , 37, 32-37		
517	Slow and Fast Light in Coupled Microsphere Resonators. <b>2009</b> , 37, 585-590		
516	Observations of temporal group delays in slow-light multiple coupled photonic crystal cavities. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 221111	3.4	25
515	Fano resonances in nanoscale structures. <b>2010</b> , 82, 2257-2298		1967

514	Asymmetric Fano resonance analysis in indirectly coupled microresonators. <i>Physical Review A</i> , <b>2010</b> , 82,	2.6	89
513	Slow light in a simple metamaterial structure constructed by cut and continuous metal strips. <b>2010</b> , 100, 699-703		29
512	Coupled Resonances in Multiple Silicon Photonic Crystal Cavities in All-Optical Solid-State Analogy to Electromagnetically Induced Transparency. <b>2010</b> , 16, 288-294		32
511	Coherent mixing of mechanical excitations in nano-optomechanical structures. <b>2010</b> , 4, 236-242		193
510	Tuning the coherent interaction in an on-chip photonic-crystal waveguide-resonator system. <i>Applied Physics Letters</i> , <b>2010</b> , 97, 101102	3.4	39
509	Planar metamaterial analogue of electromagnetically induced transparency for plasmonic sensing. <b>2010</b> , 10, 1103-7		966
508	Fully quantum-mechanical dynamic analysis of single-photon transport in a single-mode waveguide coupled to a traveling-wave resonator. <i>Physical Review A</i> , <b>2010</b> , 82,	2.6	23
507	Coupled mode theory analysis of mode-splitting in coupled cavity system. <i>Optics Express</i> , <b>2010</b> , 18, 830	67 <del>-</del> 832	241
506	Plasmonic electromagnetically-induced transparency in symmetric structures. <i>Optics Express</i> , <b>2010</b> , 18, 13396-401	3.3	48
505	Electromagnetically induced transparency in metamaterials at near-infrared frequency. <i>Optics Express</i> , <b>2010</b> , 18, 17187-92	3.3	151
504	Coupled Fano resonators. Optics Express, 2010, 18, 18820-31	3.3	20
503	Tunable optical time delay of quantum signals using a prism pair. Optics Express, 2010, 18, 19156-62	3.3	26
502	All-optical switching of dark states in nonlinear coupled microring resonators. <i>Optics Letters</i> , <b>2010</b> , 35, 3712-4	3	10
501	Transmission enhancement of slow light by a subwavelength plasmon-dielectric system. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2010</b> , 27, 2433	1.7	9
500	Experimental demonstration of an all-optical analogue to the superradiance effect in an on-chip photonic crystal resonator system. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	31
499	Acoustic analog of electromagnetically induced transparency in periodic arrays of square rods. <i>Physical Review E</i> , <b>2010</b> , 82, 026601	2.4	47
498	Phase-coupled plasmon-induced transparency. <i>Physical Review Letters</i> , <b>2010</b> , 104, 243902	7.4	346
497	Light manipulation in resonant photonic devices. <b>2010</b> ,		1

### (2011-2010)

Electromagnetically induced transparency-like resonance in ring-bus-ring Mach-Zehnder 496 interferometer. 2010, Acoustic transparency and slow sound using detuned acoustic resonators. Physical Review B, 2011, 80 495 3.3 84. Optical coupling of deep-subwavelength semiconductor nanowires. 2011, 11, 1463-8 60 494 The Performance Analysis of a Novel Micro-Ring Resonator Filter. 2011, 493 Analytical Study on Characteristics of Dual Microring Resonators Combined with the Add-drop and 492 1 All-pass Types. 2011, 276, 012103 Electromagnetically induced transparency in metamaterials: Influence of intrinsic loss and dynamic 491 3.3 44 evolution. Physical Review B, 2011, 83, Subwavelength slow-light waveguides based on a plasmonic analogue of electromagnetically 490 139 3.4 induced transparency. Applied Physics Letters, 2011, 99, 143117 Pulse Delay Via Tunable White Light Cavities Using Fiber-Optic Resonators. 2011, 29, 2698-2705 16 489 . **2011**, 29, 2747-2753 488 3 Coupled resonator-induced transparency in ring-bus-ring Mach-Zehnder interferometer. Journal of 487 1.7 42 the Optical Society of America B: Optical Physics, 2011, 28, 28 Electromagnetically induced transparency in hybrid plasmonic-dielectric system. Optics Express, 486 3.3 46 2011, 19, 628-37 Plasmonic-dielectric compound grating with high group-index and transmission. Optics Express, 485 3.3 7 **2011**, 19, 1461-9 Plasmon-induced transparency with detuned ultracompact Fabry-Perot resonators in integrated 484 3.3 245 plasmonic devices. Optics Express, 2011, 19, 3251-7 Coupled-resonator-induced transparency in photonic crystal waveguide resonator systems. Optics 483 3.3 23 Express, **2011**, 19, 4856-61 Wavelength tracking with thermally controlled silicon resonators. Optics Express, 2011, 19, 5143-8 482 82 3.3 Distortion free pulse delay system using a pair of tunable white light cavities. Optics Express, 2011, 481 3.3 21 19,6705-13 Coupled-resonator-induced-transparency concept for wavelength routing applications. Optics 480 3.3 23 Express, 2011, 19, 12227-40 Double resonance surface enhanced Raman scattering substrates: an intuitive coupled oscillator 61 3.3 model. Optics Express, 2011, 19, 14919-28

478	Plasmonic-induced optical transparency in the near-infrared and visible range with double split nanoring cavity. <i>Optics Express</i> , <b>2011</b> , 19, 15363-70	3.3	40
477	Experimental demonstration of coupled-resonator-induced-transparency in silicon-on-insulator based ring-bus-ring geometry. <i>Optics Express</i> , <b>2011</b> , 19, 17813-9	3.3	25
476	Coherent interference induced transparency in self-coupled optical waveguide-based resonators. <i>Optics Letters</i> , <b>2011</b> , 36, 13-5	3	63
475	Quality-factor enhancement of supermodes in coupled microdisks. <i>Optics Letters</i> , <b>2011</b> , 36, 1317-9	3	43
474	Robust design of an optical router based on a tapered side-coupled integrated spaced sequence of optical resonators. <i>Optics Letters</i> , <b>2011</b> , 36, 1473-5	3	1
473	Experimental demonstration of two methods for controlling the group delay in a system with photonic-crystal resonators coupled to a waveguide. <i>Optics Letters</i> , <b>2011</b> , 36, 1482-4	3	32
472	Induced transparency in nanoscale plasmonic resonator systems. <i>Optics Letters</i> , <b>2011</b> , 36, 3233-5	3	148
471	Electromagnetically induced transparency-like transmission in periodically poled lithium niobate with a defect. <i>Optics Letters</i> , <b>2011</b> , 36, 4434-6	3	6
470	Multispectral plasmon induced transparency in coupled meta-atoms. <b>2011</b> , 11, 1685-9		200
469	Deterministic resonance and phase control for photonic sub- and super-radiance in coupled nanocavities. <b>2011</b> ,		
468	Electromagnetically induced transparency and slow light with optomechanics. 2011, 472, 69-73		985
467	Complex-number asymmetry parameters of the optical Fano effect in ring resonators. <i>Optics Communications</i> , <b>2011</b> , 284, 5513-5516	2	1
466	Dipole-induced grating in a waveguide-coupled photonic crystal microcavity embedding a driven three-level emitter. <b>2011</b> , 406, 3963-3968		5
465	Electromagnetic transparency and slow light in an isotropic 3D optical metamaterial, due to Fano-like coupling of Mie resonances in excitonic nano-sphere inclusions. <i>Optics Communications</i> , <b>2011</b> , 284, 1701-1710	2	2
464	Manipulation of the resonance interaction in Mach-Zehnder-Fano interferometers. <i>Physical Review A</i> , <b>2011</b> , 84,	2.6	9
463	Validation of an analytical model of si-ring resonators for designing a 18 multiplexer in SCISSOR configuration. 2011,		
462	Analyze the relationship between slowlight effect and parameters of double-parallel-microring structure. <b>2011</b> ,		
461	Plasmon induced transparency in a dielectric waveguide. <i>Applied Physics Letters</i> , <b>2011</b> , 99, 043113	3.4	33

460	Coupled-resonator-induced transparency with a squeezed vacuum. <i>Physical Review Letters</i> , <b>2011</b> , 106, 153602	7.4	24	
459	Experimental observation of Fano resonance in a single whispering-gallery microresonator. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 021116	3.4	95	
458	Deterministic integrated tuning of multicavity resonances and phase for slow-light in coupled photonic crystal cavities. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 121103	3.4	12	
457	Control of slow light in a ring-out-ring structure. <b>2011</b> , 20, 044203		3	
456	An optical rotation sensor based on dispersive slow-light medium. <b>2011</b> , 20, 074207		4	
455	Optical transparency by detuned electrical dipoles. <b>2011</b> , 13, 023034		55	
454	TUNABLE OF GROUP VELOCITY OF LIGHT IN A RING-IN-RING STRUCTURE. <b>2011</b> , 25, 2411-2418		2	
453	Realization of coupled-resonator-induced transparency in silicon-on-insulator based ring-bus-ring geometry. <b>2011</b> ,			
452	Polarization-independent plasmon-induced transparency for plasmonic sensing. <b>2011</b> , 44, 325106		3	
451	Controllable optical analog to electromagnetically induced transparency in coupled high-Q microtoroid cavities. <i>Optics Express</i> , <b>2012</b> , 20, 18319-25	3.3	65	
450	Reconfigurable optical routers based on Coupled Resonator Induced Transparency resonances. <i>Optics Express</i> , <b>2012</b> , 20, 23856-64	3.3	16	
449	Characteristics of defect modes in side-coupled and mutually coupled microresonator arrays. Journal of the Optical Society of America B: Optical Physics, <b>2012</b> , 29, 738	1.7		
448	Enhanced coupled-resonator-induced transparency and optical Fano resonance via intracavity backscattering. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2012</b> , 29, 1094	1.7	4	
447	Post-fabrication control of evanescent tunnelling in photonic crystal molecules. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 211108	3.4	17	
446	Optical bistability based on an analog of electromagnetically induced transparency in plasmonic waveguide-coupled resonators. <b>2012</b> , 51, 7482-6		14	
445	Dispersionless slow light in MIM waveguide based on a plasmonic analogue of electromagnetically induced transparency. <i>Optics Express</i> , <b>2012</b> , 20, 20902-7	3.3	117	
444	Mapping the near-field dynamics in plasmon-induced transparency. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	41	
443	Optical logic gates using coherent feedback. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 191113	3.4	14	

442	Enhancing the waveguide-resonator optical force with an all-optical on-chip analog of electromagnetically induced transparency. <i>Physical Review A</i> , <b>2012</b> , 86,	2.6	16
441	Coherently slowing light with a coupled optomechanical crystal array. <b>2012</b> , 99, 44005		2
440	Validation of an analytical model of Si-ring resonators for designing a 1 <sup>18</sup> multiplexer in SCISSOR configuration. <i>Optical and Quantum Electronics</i> , <b>2012</b> , 44, 541-547	2.4	0
439	Optical trapping with modified exponential decay in optical waveguides via dressed continuum. <b>2012</b> , 59, 226-234		6
438	Plasmon-induced transparency in asymmetric T-shape single slit. <b>2012</b> , 12, 2494-8		135
437	The experimental demonstration of the effect similar to electromagnetically induced transparency in the two micro-resonators system. <b>2012</b> , 73, 81-83		
436	Active control of electromagnetically induced transparency analogue in terahertz metamaterials. <b>2012</b> , 3, 1151		783
435	Tunable high-channel-count bandpass plasmonic filters based on an analogue of electromagnetically induced transparency. <b>2012</b> , 23, 444003		103
434	Polarization-Independent Metamaterial Analog of Electromagnetically Induced Transparency for a Refractive-Index-Based Sensor. <b>2012</b> , 60, 3013-3022		138
433	All-Optical Switches Based on Multiple Cascaded Resonators With Reduced Switching Intensity-Response Time Products. <b>2012</b> , 30, 3525-3531		13
432	Polarization-insensitive and wide-angle plasmonically induced transparency by planar metamaterials. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 143105	3.4	58
431	Manipulating classical waves with an analogue of quantum interference in a V-type atom. <b>2012</b> , 97, 240	03	17
430	Electromagnetically induced transparency and absorption in metamaterials: the radiating two-oscillator model and its experimental confirmation. <i>Physical Review Letters</i> , <b>2012</b> , 109, 187401	7.4	256
429	Light Combining for Interferometric Switching. <b>2012</b> , 2012, 1-17		
428	Classical analog of electromagnetically induced absorption in plasmonics. 2012, 12, 1367-71		207
427	Slow-light dispersion by transparent waveguide plasmon polaritons. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	15
426	Experimental controlling of Fano resonance in indirectly coupled whispering-gallery microresonators. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 021108	3.4	96
425	Plasmonic analog of electromagnetically induced transparency in multi-nanoresonator-coupled waveguide systems. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	243

424	Analysis about the effect of an on-chip all-optical analogue to electromagnetically induced transparency in the two resonators system. <b>2012</b> , 55, 173-176		3
423	Optomechanical dynamics in detuned whispering-gallery modes cavity. <i>Optics Communications</i> , <b>2012</b> , 285, 673-679	2	1
422	The optimum design model of two resonators system. <b>2012</b> , 44, 825-829		2
421	Light transfer characteristic in microspheric resonators. <b>2012</b> , 10, 196-206		
420	Electromagnetic response of a compound plasmonic lielectric system with coupled-grating-induced transparency. <b>2012</b> , 376, 1234-1238		7
419	Effects of external fields, dimension and pressure on the electromagnetically induced transparency of quantum dots. <b>2013</b> , 134, 352-357		24
418	Analog to electromagnetically induced transparency and Autler-Townes effect demonstrated with photoinduced coupled waveguides. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	14
417	Manipulation of light in MIM plasmonic waveguide systems. <b>2013</b> , 58, 3607-3616		32
416	Optimization of resonant effects in nanostructures via Weierstrass factorization. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	42
415	Fano line shapes in transmission spectra of silicon photonic crystal resonators. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 081109	3.4	19
414	Plasmon-induced transparency in metamaterials: Active near field coupling between bright superconducting and dark metallic mode resonators. <i>Applied Physics Letters</i> , <b>2013</b> , 103, 101106	3.4	154
413	Electrodynamics of semiconductor-coated noble metal nanoshells. <i>Physical Review A</i> , <b>2013</b> , 87,	2.6	10
412	Plasmon-induced transparency in terahertz metamaterials. <b>2013</b> , 56, 1-18		8
411	Transition from an optical precursor in coupled-resonator-induced transparency to coherent energy exchange in Autler-Townes splitting. <i>Physical Review A</i> , <b>2013</b> , 88,	2.6	9
410	Induced-transparency in silicon-on-insulator based novel resonator systems. 2013,		
409	XOR/XNOR directed logic circuit based on coupled-resonator-induced transparency. <b>2013</b> , 7, 109-113		23
408	Analysis of a channel-drop filter based on dispersive waveguides and two resonant cavities. <b>2013</b> , 15, 035502		2
407	Multi-wavelength filtering in side-coupled cascaded-cavities systems. <b>2013</b> , 124, 3943-3945		

406	Analogy of plasmon induced transparency in detuned U-resonators coupling to MDM plasmonic waveguide. <b>2013</b> , 174, 50-54		18
405	Theoretical and experimental evidence of Fano-like resonances in simple monomode photonic circuits. <b>2013</b> , 113, 164101		35
404	Dual-spectral plasmon electromagnetically induced transparency in planar metamaterials based on bright dark coupling. <i>Optics Communications</i> , <b>2013</b> , 291, 371-375	2	31
403	Systematical research on the plasmon-induced transparency in coupled plasmonic resonators. <i>Optics Communications</i> , <b>2013</b> , 305, 17-22	2	13
402	Efficient wavelength multiplexers based on asymmetric response filters. <i>Optics Express</i> , <b>2013</b> , 21, 10903	B <del>3</del> 156	8
401	Mimicking electromagnetically induced transparency in the magneto-optical activity of magnetoplasmonic nanoresonators. <i>Optics Express</i> , <b>2013</b> , 21, 27356-70	3.3	34
400	Compact Q-value enhanced bandpass filter based on the EIT-like effect accompanying application in downconversion APL. <i>Optics Letters</i> , <b>2013</b> , 38, 3906-9	3	9
399	Formation and evolution mechanisms of plasmon-induced transparency in MDM waveguide with two stub resonators. <i>Optics Express</i> , <b>2013</b> , 21, 9198-205	3.3	86
398	Optical bistability in subwavelength compound metallic grating. Optics Express, 2013, 21, 13794-9	3.3	6
397	Probing terahertz metamaterials with subwavelength optical fibers. <i>Optics Express</i> , <b>2013</b> , 21, 17195-211	13.3	1
396	Tunable two-stage self-coupled optical waveguide resonators. <i>Optics Letters</i> , <b>2013</b> , 38, 1215-7	3	29
395	Single-photon transport properties in a one-dimensional resonator waveguide coupled to a whispering-gallery resonator containing two separated two-level atoms. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2013</b> , 30, 978	1.7	9
394	Plasmonic analog of electromagnetically induced transparency in nanostructure graphene. <i>Optics Express</i> , <b>2013</b> , 21, 28438-43	3.3	108
393	Plasmonic analog of electromagnetically induced absorption: simulations, experiments, and coupled oscillator analysis. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2013</b> , 30, 3123	1.7	58
392	Enhanced fast light and low-distortion slow light in microring-resonator assisted Mach-Zehnder Sagnac loop on a silicon-on-insulator platform. <b>2013</b> ,		
391	Induced-transparency in silicon-on-insulator based novel resonator systems. <b>2013</b> , 8, 619-622		3
390	Storage of electromagnetic waves in a metamaterial that mimics electromagnetically induced transparency. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	45
389	Tailoring electromagnetically induced transparency for terahertz metamaterials: From diatomic to triatomic structural molecules. <i>Applied Physics Letters</i> , <b>2013</b> , 103, 021115	3.4	63

388	Power transmission and group delay in gain-assisted plasmon-induced transparency. <b>2013</b> , 3, 032138		8
387	Electromagnetically induced transparency with hybrid silicon-plasmonic traveling-wave resonators. <b>2013</b> , 114, 113107		18
386	Broadband plasmon induced transparency in terahertz metamaterials. <b>2013</b> , 24, 214003		79
385	An All Optical Method for Fabrication Error Measurements in Integrated Photonic Circuits. <b>2013</b> , 31, 2340-2346		3
384	Optical analogue of double Fano resonance via dressed twin continua. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2013</b> , 30, 3202	1.7	8
383	Channel dropping via bound states in the continuum in a system of two nonlinear cavities between two linear waveguides. <b>2013</b> , 25, 395304		7
382	THEORETICAL STUDY OF TRANSMISSION SPECTRUM IN CAVITY-WAVEGUIDE SIDE-COUPLED SYSTEMS. <b>2013</b> , 27, 1350157		2
381	Achieving slow and fast light with high transmission by nanodiamond nitrogen-vacancy center coupling to photonic crystal cavity. <b>2013</b> , 114, 124312		4
380	Electromagnetically induced transparency-like effect in a two-bus waveguides coupled microdisk resonator. <i>Optics Express</i> , <b>2014</b> , 22, 3219-27	3.3	37
379	A dynamic and ultrafast group delay tuning mechanism in two microcavities side-coupled with a waveguide system. <b>2014</b> , 116, 133101		5
378	Induced transparency in double-ring photonic switches for optical Networks-on-Chip. 2014,		
377	Coherent interaction between two orthogonal travelling-wave modes in a microdonut resonator for filtering and buffering applications. <i>Optics Express</i> , <b>2014</b> , 22, 25171-82	3.3	4
376	Analogue of electromagnetically induced transparency in integrated plasmonics with radiative and subradiant resonators. <i>Optics Express</i> , <b>2014</b> , 22, 21529-34	3.3	49
375	Electromagnetically induced absorption in detuned stub waveguides: a simple analytical and experimental model. <b>2014</b> , 26, 505901		27
374	Uniform theoretical description of plasmon-induced transparency in plasmonic stub waveguide. <i>Optics Letters</i> , <b>2014</b> , 39, 216-9	3	81
373	Ring resonator coupled Mach-Zehnder interferometer for sensing application. 2014,		
372	Optical isolation via ? ? -symmetric nonlinear Fano resonances. <i>Optics Express</i> , <b>2014</b> , 22, 9574-84	3.3	95
371	All-optical electromagnetically induced transparency using one-dimensional coupled microcavities. <i>Optics Express</i> , <b>2014</b> , 22, 18818-23	3.3	13

370	All-dielectric metasurface analogue of electromagnetically induced transparency. 2014, 5, 5753		582
369	Acousto-optic resonant coupling of three spatial modes in an optical fiber. <i>Optics Express</i> , <b>2014</b> , 22, 1990	<b>3</b> :6	6
368	Magnetically coupled electromagnetically induced transparency analogy of dielectric metamaterial. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 131907	3.4	47
367	Polarization-insensitive plasmonic-induced transparency in planar metamaterial consisting of a regular triangle and a ring. <b>2014</b> , 16, 125013		7
366	What is and what is not electromagnetically induced transparency in whispering-gallery microcavities. <b>2014</b> , 5, 5082		303
365	Loss effect analysis in optical delay lines based on two coupled resonators. <b>2014</b> , 56, 2986-2987		
364	Electromagnetic tuning of resonant transmission in magnetoelastic metamaterials. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 161117	3.4	15
363	Observation of EIT like spectrum in the nested fiber ring resonator. <b>2014</b> ,		
362	Analog of electromagnetically induced transparency in coupled one-dimensional photonic crystal cavities. <b>2014</b> ,		1
361	Broadband enhanced transmission in a film-array plasmonic structure through the plasmon coupling effects. <i>Optics Communications</i> , <b>2014</b> , 315, 47-54	2	5
360	All-optical analog to electromagnetically induced transparency effects for multiple wavelengths in a silicon photonic crystal coupled cavity system. <i>Optics Communications</i> , <b>2014</b> , 315, 26-31	2	8
359	Experimental demonstration of induced-transparency based on a novel resonator system. <i>Optics Communications</i> , <b>2014</b> , 324, 296-300	2	4
358	Acoustical Eransparency Induced by local resonance in Bragg bandgaps. <b>2014</b> , 115, 044913		12
357	Electromagnetically Induced Transparency-Like Transmission in a Compact Side-Coupled T-Shaped Resonator. <b>2014</b> , 32, 1701-1707		69
356	Coupled resonator induced transparency in surface plasmon polariton gap waveguide with two side-coupled cavities. <b>2014</b> , 446, 55-58		9
355	Demonstration of slow sound propagation and acoustic transparency with a series of detuned resonators. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	27
354	Plasmon-induced transparency in metal-insulator-metal waveguide side-coupled with multiple cavities. <b>2014</b> , 53, 1604-9		14
353	Coherent-interference-induced transparency based on long-range air-hole assisted subwavelength waveguides. <b>2014</b> , 47, 475101		2

352	Tunable Transparency Effect in a Symmetry Metamaterial Based on Subradiant Magnetic Resonance. <b>2014</b> , 50, 1-4		2
351	Intermode reactive coupling induced by waveguide-resonator interaction. <i>Physical Review A</i> , <b>2014</b> , 90,	2.6	18
350	Analysis on transmission characteristics of nested ring resonators. <b>2014</b> , 61, 1174-1179		2
349	Electromagnetically-induced-transparency plasmonics: Quantum-interference-assisted tunable surface-plasmon-polariton resonance and excitation. <i>Physical Review A</i> , <b>2014</b> , 90,	2.6	15
348	Tunable Splitting Ratio of Optical Fiber Ring Resonator for Sensing Application. 2014, 563, 153-156		
347	Superconductivity-Induced Transparency in Terahertz Metamaterials. <b>2014</b> , 1, 570-575		35
346	Theoretical criteria for scattering dark states in nanostructured particles. <b>2014</b> , 14, 2783-8		64
345	Plasmonic analog of electromagnetically induced transparency in planar metamaterials: manipulation and applications. <b>2014</b> , 61, 1679-1684		11
344	Dark state lasers. <i>Optics Letters</i> , <b>2014</b> , 39, 4136-9	3	39
343	Wide-bandwidth zero-dispersion slow light in MKRs with a two-ring parallel connection structure based on an analogue of electromagnetically induced transparency. <b>2014</b> , 61, 1109-1114		8
342	Tunable Time Delay in a Double-Ring Resonant System. <b>2014</b> , 56, 1314-1317		
341	Scattering of microwave photons in superconducting transmission-line resonators coupled to charge qubits. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	12
340	Phase shift multiplication effect of all-optical analog to electromagnetically induced transparency in two micro-cavities side coupled to a waveguide system. <b>2014</b> , 115, 023101		5
339	Tunable phonon-induced transparency in bilayer graphene nanoribbons. <b>2014</b> , 14, 4581-6		109
338	Superradiant absorption in multiple optical nanoresonators. Physical Review B, 2014, 89,	3.3	5
337	Transparency windows of the plasmonic structure composed of a metal semi-ring grating and a dielectric semi-circle groove grating. <b>2014</b> , 125, 461-463		2
336	Plasmonic spectral splitting in multi-resonator-coupled waveguide systems. <b>2014</b> , 53, 38-43		9
335	Observation of energy oscillation between strongly-coupled counter-propagating ultra-high Q whispering gallery modes. <i>Optics Express</i> , <b>2015</b> , 23, 30851-60	3.3	13

334	Implementation of Electromagnetically Induced Transparency in a Metamaterial Controlled with Auxiliary Waves. <b>2015</b> , 4,	13
333	Analog of superradiant emission in thermal emitters. <i>Physical Review B</i> , <b>2015</b> , 92, 3.3	20
332	Space-time gradient metasurfaces. <i>Physical Review B</i> , <b>2015</b> , 92, 3.3	205
331	Quantum noise limits in white-light-cavity-enhanced gravitational wave detectors. <b>2015</b> , 92,	17
330	Impact of Substrate and Bright Resonances on Group Velocity in Metamaterial without Dark Resonator. <b>2015</b> , 5, 14373	19
329	Control of acoustic absorption in one-dimensional scattering by resonant scatterers. <i>Applied Physics Letters</i> , <b>2015</b> , 107, 244102	113
328	Suppression of harmonics in a model of thermoacoustic refrigerator based on an acoustic metamaterial. <b>2015</b> , 138, EL435-40	
327	Tuning all-Optical Analog to Electromagnetically Induced Transparency in nanobeam cavities using nanoelectromechanical system. <b>2015</b> , 5, 14379	10
326	Wideband slow light in microfiber double-knot resonator with a parallel structure. <b>2015</b> , 118, 073105	9
325	Equivalent spin-orbit interaction in the two-polariton Jaynes-Cummings-Hubbard model. <b>2015</b> , 5, 11945	2
324	Off-diagonal photonic Lamb shift in reactively coupled waveguide-resonator system. 2015,	
323	Plasmon-induced transparency effect in a single circular split-ring core ring resonator side-coupled to a metal-isolator-metal waveguide. <b>2015</b> , 117, 133108	3
322	Optical analogue of Rabi oscillations in optical waveguides via structured continuum. <b>2015</b> , 62, 1412-1418	2
321	Formation mechanism and modulation of electromagnetically induced transparency-like transmission in side-coupled structures. <b>2015</b> , 22, 2020-2026	1
320	Field Enhancement with Classical Electromagnetically Induced Transparency. 2015, 303-319	1
319	Plasmon-Induced Transparency in Coupled Graphene Gratings. <b>2015</b> , 10, 1557-1564	11
318	Simulation of coherently controlled population dynamics of a three-level atomic system in a three-waveguide directional coupler: An opto-quantum analogy. <i>Optics Communications</i> , <b>2015</b> , 347, 50-58	3
317	Multiple Plasmon-Induced Transparency Responses in a Subwavelength Inclined Ring Resonators System. <i>IEEE Photonics Journal</i> , <b>2015</b> , 7, 1-7	15

316	Optical sideband suppresion based on silicon-on-insulator double ring weak EIT notch filter. 2015,	3
315	Bilayer graphene: physics and application outlook in photonics. <b>2015</b> , 4, 115-127	15
314	Tunable Electromagnetically Induced Transparency in Plasmonic System and Its Application in Nanosensor and Spectral Splitting. <i>IEEE Photonics Journal</i> , <b>2015</b> , 7, 1-8	11
313	Experimental study of the band-pass filter and slow-wave effect in a MDM channel based on a magnetic plasmonic analogue of EIT. <b>2015</b> , 67, 1544-1552	1
312	Spectral Splitting Based on Electromagnetically Induced Transparency in Plasmonic Waveguide Resonator System. <b>2015</b> , 10, 721-727	46
311	Reconfigurable Diffractive Antenna Based on Switchable Electrically Induced Transparency. <b>2015</b> , 63, 925-936	31
310	Electromagnetically induced-transparency-like spectrum in an add/drop interferometer. <b>2015</b> , 54, 1285-9	3
309	Direct dark mode excitation by symmetry matching of a single-particle-based metasurface. <i>Physical Review B</i> , <b>2015</b> , 91,	9
308	Tunable multiple phase-coupled plasmon-induced transparencies in graphene metamaterials.  Optics Express, 2015, 23, 545-51  3-3	80
307	Handedness Dependent Electromagnetically Induced Transparency in Hybrid Chiral Metamaterials. <b>2015</b> , 5, 12224	12
306	Quantum Beats in Hybrid MetalBemiconductor Nanostructures. 2015, 2, 1341-1347	8
305	Plasmon-induced transparency in terahertz planar metamaterials. <i>Optics Communications</i> , <b>2015</b> , 356, 84-89	8
304	Coupled cavities for motional ground-state cooling and strong optomechanical coupling. <i>Physical Review A</i> , <b>2015</b> , 91,	70
303	Low-power, ultrafast, and dynamic all-optical tunable plasmonic analog to electromagnetically induced transparency in two resonators side-coupled with a waveguide system. <b>2015</b> , 117, 213106	4
302	Tunable slow and fast light in an atom-assisted optomechanical system. <i>Optics Communications</i> , <b>2015</b> , 338, 569-573	34
301	Plasmon-Induced Transparency in Metamaterial Based on Graphene and Split-Ring Resonators. <b>2015</b> , 27, 1321-1324	38
300	Experimental Demonstration of Single Mode- Splitting in Microring With Bragg Gratings. <b>2015</b> , 27, 1402-1409	12
299	Electromagnetically induced transparency of double-groove shaped plasmonic waveguide. <b>2015</b> , 126, 2596-2599	5

298	Double plasmonic nanodisks design for electromagnetically induced transparency and slow light. <i>Optics Express</i> , <b>2015</b> , 23, 6554-61	3.3	70
297	Tunable plasmon-induced transparency in hybrid waveguide-magnetic resonance system. <b>2015</b> , 54, 227	79-82	1
296	Observation of Optically Induced Transparency in a Microcavity. 2015,		
295	Discerning electromagnetically induced transparency from Autler-Townes splitting in plasmonic waveguide and coupled resonators system. <i>Optics Express</i> , <b>2015</b> , 23, 23817-26	3.3	28
294	The gain amplification via spontaneously generated coherence with incoherent pump field: A comparison of optical properties between open and closed four level systems. <b>2015</b> , 126, 5182-5187		1
293	Tailoring the slow light behavior in terahertz metasurfaces. <i>Applied Physics Letters</i> , <b>2015</b> , 106, 181101	3.4	100
292	Tunable plasmonically induced transparency with unsymmetrical graphene-ring resonators. <b>2015</b> , 118, 013101		19
291	Combined theoretical analysis for plasmon-induced transparency in integrated graphene waveguides with direct and indirect couplings. <b>2015</b> , 111, 34004		53
290	Photonic coherence effects from dual-waveguide coupled pair of co-resonant microring resonators. <i>Optics Express</i> , <b>2015</b> , 23, 12573-81	3.3	4
289	Electromagnetically induced transparency based on guided-mode resonances. <i>Optics Letters</i> , <b>2015</b> , 40, 4241-4	3	30
288	Graphene-based electromagnetically induced transparency with coupling Fabry-Perot resonators. <b>2015</b> , 54, 7455-61		10
287	Plasmonic analog of electromagnetically induced transparency in paralleled waveguide resonator systems. <b>2015</b> , 126, 168-171		2
286	Optical Analog to Electromagnetically Induced Transparency in Cascaded Ring-Resonator Systems. <b>2016</b> , 16,		4
285	Electromagnetically induced transparency-like effect in microring-Bragg gratings based coupling resonant system. <i>Optics Express</i> , <b>2016</b> , 24, 25665-25675	3.3	16
284	Fiber-coupled photonic crystal nanocavity for reconfigurable formation of coupled cavity system. <b>2016</b> ,		
283	Optical microfiber knot resonator (MKR) and its slow-light performance. <b>2016</b> , 680, 012032		3
282	Tunable multi-channel dropping filters based on double-waveguide parallel-coupled microring resonators. <b>2016</b> ,		1
281	Optomechanically tuned electromagnetically induced transparency-like effect in coupled optical microcavities. <i>Applied Physics Letters</i> , <b>2016</b> , 109, 261106	3.4	23

280 Linearly combined optical structures based on SiON. **2016**, 120, 073101

279	Localization of Waves in Merged Lattices. <b>2016</b> , 6, 31620		4
278	Tunable optical analog to electromagnetically induced transparency in graphene-ring resonators system. <b>2016</b> , 6, 38891		17
277	Resonators induced transparency and optical switching assisted by optofluidic pump system. <b>2016</b> , 30, 1650407		1
276	Optically induced transparency in a micro-cavity. Light: Science and Applications, 2016, 5, e16072	16.7	42
275	Logically combined photonic crystal [A Fabry Perot optical cavity. <b>2016</b> , 22, 29-34		
274	Diffraction Enhanced Transparency and Slow THz Light in Periodic Arrays of Detuned and Displaced Dipoles. <b>2016</b> , 3, 1596-1603		24
273	Graphene-based tunable terahertz plasmon-induced transparency metamaterial. <b>2016</b> , 8, 15273-80		116
272	Bloch oscillation and unidirectional translation of frequency in a dynamically modulated ring resonator. <i>Optica</i> , <b>2016</b> , 3, 1014	8.6	57
271	Design and engineering of metasurfaces for high-directivity antenna and sensing applications. ${f 2016}$ , 3, 4		4
270	Silicon-on-Insulator Dual-Ring Notch Filter for Optical Sideband Suppression and Spectral Characterization. <b>2016</b> , 34, 4705-4714		16
269	Tunable Fano-like resonance enabled by coupling a microsphere with a fiber Mach-Zehnder interferometer. <b>2016</b> , 55, 5756-60		9
268	Induced transparency in optomechanically coupled resonators. <i>Physical Review A</i> , <b>2016</b> , 93,	2.6	12
267	PT-symmetry-induced evolution of sharp asymmetric line shapes and high-sensitivity refractive index sensors in a three-cavity array. <i>Physical Review A</i> , <b>2016</b> , 93,	2.6	48
266	On-Chip Multiple Electromagnetically Induced Transparencies in Photon <b>P</b> lasmon Composite Nanocavities. <b>2016</b> , 3, 2068-2073		11
265	Doubly Resonant Optical Periodic Structure. <b>2016</b> , 6, 20590		5
264	Silicon nanophotonics for scalable quantum coherent feedback networks. <b>2016</b> , 3,		6
263	Controllable optical bistability in a hybrid optomechanical system. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2016</b> , 33, 1335	1.7	26

262	Tunable multispectral plasmon induced transparency based on graphene metamaterials. <i>Optics Express</i> , <b>2016</b> , 24, 11466-74	3.3	31
261	All-optical Mach⊠ehnder interferometer switching based on the phase-shift multiplication effect of an analog on the electromagnetically induced transparency effect. <b>2016</b> , 55, 067104		1
260	Plasmon induced transparency in loop@tub resonator-coupled waveguide systems. <i>Optics Communications</i> , <b>2016</b> , 370, 36-42	2	7
259	Plasmon-induced transparency effect in metal-insulator-metal waveguide coupled with multiple dark and bright nanocavities. <b>2016</b> , 55, 027108		6
258	Time-domain observation of strong coupling between counter-propagating ultra-high Q whispering gallery modes. <b>2016</b> ,		2
257	Observation of optically induced transparency in a micro-cavity. <b>2016</b> ,		
256	Tailoring electromagnetically induced transparency effect of terahertz metamaterials on ultrathin substrate. <b>2016</b> , 59, 1		2
255	Plasmon-Induced Transparency and High-Performance Slow Light in a Plasmonic Single-Mode and Two-Mode Resonators Coupled System. <b>2017</b> , 35, 1710-1717		24
254	Realization of controllable photonic molecule based on three ultrahigh-Q microtoroid cavities. <b>2017</b> , 11, 1600178		25
253	Tunable terahertz electromagnetically induced transparency based on a complementary graphene metamaterial. <b>2017</b> , 4, 015002		5
252	An electromagnetic modulator based on electrically controllable metamaterial analogue to electromagnetically induced transparency. <b>2017</b> , 7, 40441		84
251	Second order add/drop filter with a single ring resonator. <b>2017</b> ,		
250	Peak modulation in multicavity-coupled graphene-based waveguide system. <b>2017</b> , 12, 9		21
249	Electromagnetically induced transparency in planar metamaterials based on guided mode resonance. <i>Optics Communications</i> , <b>2017</b> , 392, 142-146	2	16
248	Internally-loaded ring resonator configuration for optical filter applications. 2017, 5, 135-141		1
247	Micro-ring resonator quality factor enhancement via an integrated Fabry-Perot cavity. <b>2017</b> , 2, 056103		28
246	Dynamically Tunable Electromagnetically Induced Transparency in Graphene-Based Coupled Micro-ring Resonators. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-9	1.8	12
245	Frequency-axis light transport and topological effects in dynamic photonic structures. 2017,		

244	Polarization-independent transparency window induced by complementary graphene metasurfaces. <b>2017</b> , 50, 015106		11
243	Unidirectional plasmonically induced transparency behavior in a compact graphene-based waveguide. <b>2017</b> , 50, 295301		2
242	High-quality multispectral bio-sensing with asymmetric all-dielectric meta-materials. <b>2017</b> , 50, 165106		10
241	Electromagnetically induced transparency in optical microcavities. 2017, 6, 789-811		114
240	Polarization-independent electromagnetically induced transparency-like transmission in coupled guided-mode resonance structures. <i>Applied Physics Letters</i> , <b>2017</b> , 110, 111106	3.4	18
239	Conversion between EIT and Fano spectra in a microring-Bragg grating coupled-resonator system. <i>Applied Physics Letters</i> , <b>2017</b> , 111, 081105	3.4	16
238	High extinction ratio electromagnetically induced transparency analogue based on the radiation suppression of dark modes. <b>2017</b> , 7, 11291		9
237	All-optical tunable buffering with coupled ultra-high Q whispering gallery mode microcavities. <b>2017</b> , 7, 10688		16
236	Phase-coupled plasmon-induced transparency in integrated metaldielectricgraphenedielectric waveguide. <i>Applied Physics Express</i> , <b>2017</b> , 10, 102001	2.4	4
235	Modelling and simulation of a thermally induced optical transparency in a dual micro-ring resonator. <b>2017</b> , 4, 170381		3
234	Plasmonically induced reflection in metalihsulatorihetal waveguides with two silver baffles coupled square ring resonator *. <b>2017</b> , 26, 124212		9
233	Auxiliary-cavity-assisted ground-state cooling of an optically levitated nanosphere in the unresolved-sideband regime. <i>Physical Review A</i> , <b>2017</b> , 96,	2.6	16
232	Anti-PT symmetry in dissipatively coupled optical systems. <i>Physical Review A</i> , <b>2017</b> , 96,	2.6	69
231	Analysis of a triple-cavity photonic molecule based on coupled-mode theory. <i>Physical Review A</i> , <b>2017</b> , 95,	2.6	12
230	Broadband Plasmon-Induced Transparency in Plasmonic Metasurfaces Based on Bright-Dark-Bright Mode Coupling. <b>2017</b> , 12, 1555-1560		6
229	Transparency windows of the plasmonic nanostructure composed of C-shaped and U-shaped resonators. <i>Optics Communications</i> , <b>2017</b> , 384, 65-70	2	4
228	Electromagnetically Induced Transparency and Refractive Index Sensing for a Plasmonic Waveguide with a Stub Coupled Ring Resonator. <b>2017</b> , 12, 1007-1013		39
227	Tunable spectral splitting in nanoscale graphene waveguide with coupled resonators. <b>2017</b> , 11, 1		

226	Tailored plasmon-induced transparency in attenuated total reflection response in a metal-insulator-metal structure. <b>2017</b> , 7, 17824		13
225	Micro-ring resonator quality factor and extinction ratio enhancement via integrated Fabry-Perot cavity. <b>2017</b> ,		1
224	A 3D-printed metamaterial with electromagnetically induced transmission. <b>2017</b> , 250, 012046		
223	Tunable plasmon-induced absorption in an integrated graphene nanoribbon side-coupled waveguide. <b>2017</b> , 56, 9536-9541		8
222	Analytical qualitative modeling of passive and active metamaterials [Invited]. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2017</b> , 34, 1597	1.7	5
221	Compact tunable electromagnetically induced transparency and Fano resonance on silicon platform. <i>Optics Express</i> , <b>2017</b> , 25, 25655-25662	3.3	27
220	Transmission line metamaterials based on strongly coupled split ring/complementary split ring resonators. <i>Optics Express</i> , <b>2017</b> , 25, 30395-30405	3.3	2
219	Gigahertz optical tuning of an on-chip radio frequency photonic delay line. Optica, 2017, 4, 418	8.6	28
218	Complete crossing of Fano resonances in an optical microcavity via nonlinear tuning. <b>2017</b> , 5, 168		8
217	Highly sensitive label-free coupled resonator FabryPerot self-referencing photonic biosensor. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 968	1.7	2
216	Electromagnetically induced transparency and absorption in a compact silicon ring-bus-ring-bus system. <i>Optics Express</i> , <b>2017</b> , 25, 14368-14377	3.3	14
215	Tunable electromagnetically induced transparency in integrated silicon photonics circuit. <i>Optics Express</i> , <b>2017</b> , 25, 31688-31695	3.3	17
214	Light velocity control in monolithic microfiber bridged ring resonator. <i>Optica</i> , <b>2017</b> , 4, 945	8.6	12
213	Tunable Multiple Plasmon-Induced Transparencies Based on Asymmetrical Grapheme Nanoribbon Structures. <b>2017</b> , 10,		5
212	Spectral features of the tunneling-induced transparency and the Autler-Townes doublet and triplet in a triple quantum dot. <b>2018</b> , 8, 3107		6
211	Electrically Tunable Slow Light Using Graphene Metamaterials. 2018, 5, 1800-1807		128
<b>2</b> 10	Multiple transparency windows and Fano interferences induced by dipole-dipole couplings. <i>Physical Review A</i> , <b>2018</b> , 97,	2.6	5
209	Isotropic wide-angle analog of electromagnetically induced transparency in a terahertz metasurface. <b>2018</b> , 223, 90-92		14

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208	Babinet-Inverted Optical Nanoantenna Analogue of Electromagnetically Induced Transparency. <b>2018</b> , 35, 014201		1
207	. <b>2018</b> , 36, 2083-2093		39
206	On-chip photonic microsystem for optical signal processing based on silicon and silicon nitride platforms. <b>2018</b> , 7, 81-101		3
205	Flexibly tunable high-quality-factor induced transparency in plasmonic systems. <b>2018</b> , 8, 1558		58
204	Generalized Fano lineshapes reveal exceptional points in photonic molecules. <b>2018</b> , 9, 396		23
203	Multiple plasmonically induced transparency for chip-scale bandpass filters in metallic nanowaveguides. <i>Optics Communications</i> , <b>2018</b> , 414, 16-21		14
202	Dark mode engineering in metasurfaces by symmetry matching approach. <b>2018</b> , 124, 1		
201	A polarization independent electromagnetically induced transparency-like metamaterial with large group delay and delay-bandwidth product. <b>2018</b> , 123, 173101		37
200	Tunable Autler¶ownes splitting using graphene-based electro-optic effect. <b>2018</b> , 382, 1829-1834		5
199	Add-drop double bus microresonator array local oscillators for sharp multiple Fano resonance engineering. <b>2018</b> , 123, 104305		3
198	Electromagnetically Induced Transparency in a Silicon Self-Coupled Optical Waveguide. <b>2018</b> , 36, 2188-21	95	18
197	Tunable Optical Buffer through an Analogue to Electromagnetically Induced Transparency in Coupled Photonic Crystal Cavities. <b>2018</b> , 5, 1827-1832		15
196	Tunable Slow Light in Graphene Metamaterial in a Broad Terahertz Range. 2018, 13, 63-70		20
195	Tunable multiple plasmon induced transparencies in parallel graphene sheets and its applications.  Optics Communications, <b>2018</b> , 406, 199-204		11
194	Active modulation of electromagnetically induced transparency analogue in terahertz hybrid metal-graphene metamaterials. <i>Carbon</i> , <b>2018</b> , 126, 271-278	0.4	266
193	Tunable plasmon-induced absorption effects in a graphene-based waveguide coupled with graphene ring resonators. <i>Optics Communications</i> , <b>2018</b> , 410, 148-152		9
192	Dynamical FDTD Method for Coupled Integrated Resonators. 2018,		
191	Enhanced Terahertz Electromagnetically Induced Transparency Metamaterials Via Inconsistent Thickness of the Resonators. <b>2018</b> ,		

190	Temporal Coupled-Mode Theory for Light Scattering and Absorption by Nanostructures. <i>Springer Series in Optical Sciences</i> , <b>2018</b> , 157-183	0.5	3
189	Storage and Retrieval of Electromagnetic Waves in Metamaterials by Dynamical Control of EIT-Like Effect. <i>Springer Series in Optical Sciences</i> , <b>2018</b> , 137-156	0.5	
188	Dark-Mode Characteristics of Metasurfaces Engineered by Symmetry Matching of Resonant Elements and Electromagnetic Fields. <i>Springer Series in Optical Sciences</i> , <b>2018</b> , 219-239	0.5	
187	Tunable slow light based on detuned coupling between graphene nanoribbon and square ring splitting modes. <i>Optical and Quantum Electronics</i> , <b>2018</b> , 50, 1	2.4	2
186	Storage of RF photons in minimal conditions. <b>2018</b> , 20, 023003		
185	Controllable coupled-resonator-induced transparency in a dual-recycled Michelson interferometer. <i>Physical Review A</i> , <b>2018</b> , 98,	2.6	4
184	Circuit Modeling of Electromagnetically Induced Reflection by Multiple Slits on a Metallic Screen. <b>2018</b> ,		
183	Plasmonic Manipulation and Applications in Nanostructures/Nanomaterials. 2018,		
182	All-optical controllable electromagnetically induced transparency in coupled silica microbottle cavities. <b>2018</b> , 7, 1669-1677		16
181	Acoustic analogue of electromagnetically induced transparency and Autlerlownes splitting in pillared metasurfaces. <b>2018</b> , 51, 494004		12
180	Graphene-Based Plasmonic Tunable Dual-Band Bandstop Filter in the Far-Infrared Region. <i>IEEE Photonics Journal</i> , <b>2018</b> , 10, 1-9	1.8	7
179	Electromagnetically Induced Transparency (EIT) Like Transmission Based on 3 B Cascaded Multimode Interference Resonators. <i>Micromachines</i> , <b>2018</b> , 9,	3.3	1
178	Storage and retrieval of electromagnetic waves using electromagnetically induced transparency in a nonlinear metamaterial. <i>Applied Physics Letters</i> , <b>2018</b> , 112, 201905	3.4	15
177	Metalihsulatorihetal waveguide-coupled asymmetric resonators for sensing and slow light applications. <b>2018</b> , 12, 220-227		14
176	Phase-shifted Solc-type filter based on thin periodically poled lithium niobate in a reflective geometry. <i>Optics Express</i> , <b>2018</b> , 26, 12016-12021	3.3	1
175	End-fire injection of light into high-Q silicon microdisks. <i>Optica</i> , <b>2018</b> , 5, 612	8.6	28
174	Coupled resonator-induced transparency on a three-ring resonator. <b>2018</b> , 27, 074212		1
173	Flat bands of optical dielectric beats. <b>2018</b> , 35, 794-797		1

172	Omnidirectional tunable terahertz analog of electromagnetically induced transparency realized by isotropic vanadium dioxide metasurfaces. <i>Applied Physics Express</i> , <b>2018</b> , 11, 082203	2.4	60
171	Plasmon-Induced Transparency in an Asymmetric Bowtie Structure. <b>2019</b> , 14, 246		8
170	Control of slow/fast light frequency via tunable EIT window. <b>2019</b> , 21, 115801		1
169	Control of slow light in three- and four-level graphene nanostructures. <b>2019</b> , 33, 1950226		4
168	Controllable generations of electromagnetically induced transparency with a superconducting qutrit driven by tunable drivings. <b>2019</b> , 16, 105203		
167	Fano-Like Resonance in an All-in-Fiber Structure. <i>IEEE Photonics Journal</i> , <b>2019</b> , 11, 1-7	1.8	3
166	An all-optical switch based on coupled cavities. <b>2019</b> , 52, 195401		1
165	Transmission control by asymmetric electromagnetically induced transparency-like metamaterials in transverse electromagnetic waveguide. <b>2019</b> , 383, 126000		2
164	Electromagnetically induced transparency and bound in continuum states in double Aharonov-Bohm coupled rings. <b>2019</b> , 13, 1055-1061		1
163	Four Wave Mixing control in a photonic molecule made by silicon microring resonators. <b>2019</b> , 9, 408		5
162	Tunable photonic dark modes in coupled cavity chains. Optics Communications, 2019, 438, 106-110	2	
161	Tunable slow and fast light in a magneto-optic micro-ring resonator. <i>Applied Physics Express</i> , <b>2019</b> , 12, 072011	2.4	3
160	Single-photon quantum router in the microwave regime utilizing double superconducting resonators with tunable coupling. <i>Physical Review A</i> , <b>2019</b> , 99,	2.6	6
159	Resonance inversion in a superconducting cavity coupled to artificial atoms and a microwave background. <i>Physical Review A</i> , <b>2019</b> , 99,	2.6	1
158	Tunable Coupled-Resonator Induced Transparency Based on Asymmetrical Self-Interference Ring Resonators. <b>2019</b> , 37, 3728-3733		4
157	Plasmon-induced transparency effect for ultracompact on-chip devices. <b>2019</b> , 8, 1125-1149		22
156	Using Backscattering and Backcoupling in Silicon Ring Resonators as a New Degree of Design Freedom. <b>2019</b> , 13, 1800244		15
155	Tunable optomechanically induced transparency in a gain-assisted optomechanical system. <b>2019</b> , 52, 085401		1

154	Y-shaped magnonic demultiplexer using induced transparency resonances. <b>2019</b> , 9, 035011		9
153	Terahertz multi-plasmon induced reflection and transmission and sensor devices in a graphene-based coupled nanoribbons resonators. <i>Optics Communications</i> , <b>2019</b> , 440, 1-13	2	8
152	Realization of switchable EIT metamaterial by exploiting fluidity of liquid metal. <i>Optics Express</i> , <b>2019</b> , 27, 2837-2843	3.3	27
151	Plasmon-induced reflection and its application for all-optical diode based on paralleled double-stub resonators. <i>Applied Physics Express</i> , <b>2019</b> , 12, 032011	2.4	4
150	Multi-angle and polarization independent oscillator transmission response simulating electromagnetically induced transparency by metamaterials. <b>2019</b> ,		
149	Graphene plasmonically induced analogue of tunable electromagnetically induced transparency without structurally or spatially asymmetry. <b>2019</b> , 9, 20312		3
148	Hybrid electromagnetically-optomechanically induced transparency in an atom-assisted optomechanical system. <b>2019</b> , 52, 105502		2
147	Plasmon Coupling Within the Multifold Nanorod Metasurface for Sensing Applications. <i>IEEE Photonics Journal</i> , <b>2019</b> , 11, 1-8	1.8	4
146	Theoretical Design of Plasmonic Refractive Index Sensor Based on the Fixed Band Detection. <b>2019</b> , 25, 1-6		6
145	Polarization-modified Fano line shape spectrum with a single whispering gallery mode. <b>2020</b> , 63, 1		6
144	Aharonov-Bohm-effect induced transparency and reflection in mesoscopic rings side coupled to a quantum wire. <b>2020</b> , 116, 113770		10
143	Induced Transparency with Optical Cavities. <b>2020</b> , 1, 2000009		6
142	Ultra-high sensitivity sensing based on tunable plasmon-induced transparency in graphene metamaterials in terahertz. <i>Optical Materials</i> , <b>2020</b> , 108, 110221	3.3	18
141	Design and verification a six-band plasmonic metasurface based on plasmon-induced transparency. <i>Optical Materials</i> , <b>2020</b> , 109, 110228	3.3	
140	Level attraction and PT symmetry in indirectly coupled microresonators. <i>Physical Review A</i> , <b>2020</b> , 102,	2.6	5
139	Driving-induced resonance narrowing in a strongly coupled cavity-qubit system. <i>Physical Review A</i> , <b>2020</b> , 102,	2.6	3
138	Tunable Electromagnetically Induced Transparency-Like Spectrum in Lithium Niobate on Insulator Platform With Narrow Linewidth. <i>IEEE Photonics Journal</i> , <b>2020</b> , 12, 1-8	1.8	1
137	Compact Plasmonic Structure Induced Mode Excitation and Fano Resonance. <b>2020</b> , 15, 2177-2183		4

## (2021-2020)

136	Broadband electromagnetically induced transparency in metamaterials based on hybridization bandgap. <b>2020</b> , 10, 115002		4
135	Controllable bistable optical switch and normal mode splitting in hybrid optomechanical semiconductor microcavity containing single quantum dot driven by amplitude modulated field. <b>2020</b> , 53, 155402		3
134	The discerning of optomechanically induced transparency and Autler-Townes splitting in an optomechanical system. <b>2020</b> , 130, 14001		1
133	Double Spectral Electromagnetically Induced Transparency Based on Double-Bar Dielectric Grating and Its Sensor Application. <b>2020</b> , 10, 3033		4
132	Demonstration of a Push-Pull Silicon Dual-Ring Modulator With Enhanced Optical Modulation Amplitude. <b>2020</b> , 38, 3694-3700		5
131	Metamaterials for Enhanced Optical Responses and their Application to Active Control of Terahertz Waves. <i>Advanced Materials</i> , <b>2020</b> , 32, e2000250	24	23
130	Coupled-mode-induced transparency and attenuation resulting from cross-polarization coupling. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	3
129	Fano Resonance in Artificial Photonic Molecules. <b>2020</b> , 8, 1902153		14
128	Fast- and slow-light-enhanced light drag in a moving microcavity. <b>2020</b> , 3,		10
127	Wide-range line shape control of Fano-like resonances in all-dielectric multilayer structures based on enhanced light absorption in photochromic waveguide layers. <b>2020</b> , 127, 073103		1
126	Electromagnetically induced transparency at a chiral exceptional point. 2020, 16, 334-340		65
125	Single-Layer Aberration-Compensated Flat Lens for Robust Wide-Angle Imaging. <b>2020</b> , 14, 2000017		12
124	Tunable control of electromagnetically induced transparency effect in a double slot terahertz waveguide. <i>Optics Communications</i> , <b>2021</b> , 483, 126632	2	3
123	Design of acoustic metamaterials made of Helmholtz resonators for perfect absorption by using the complex frequency plane. <b>2020</b> , 21, 713-749		6
122	Induced transparency by interference or polarization. <b>2021</b> , 118,		6
121	Active tuning of electromagnetically induced transparency from chalcogenide-only metasurface. <b>2021</b> , 2, 1-11		3
120	Various resonance lineshapes available in a single microring resonator. <b>2021</b> , 23, 045801		
119	Active Modulation of an All-Dielectric Metasurface Analogue of Electromagnetically Induced Transparency in Terahertz. <b>2021</b> , 6, 4480-4484		1

118	Coupled metamaterial optical resonators for infrared emissivity spectrum modulation. <i>Optics Express</i> , <b>2021</b> , 29, 5840-5847	3.3	1
117	Wave discrimination at C-band frequencies in microstrip structures inspired by electromagnetically induced transparency. <b>2021</b> , 11, 2983		1
116	Plasmon-induced transparency in an airdielectric grooved parallel-plate terahertz waveguide. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 1290	1.7	8
115	Transition between coupled-resonator-induced transparency and absorption. <i>Physical Review A</i> , <b>2021</b> , 103,	2.6	3
114	Multimode Interference Induced Optical Routing in an Optical Microcavity. <b>2021</b> , 533, 2000506		4
113	Storage, Splitting, and Routing of Optical Peregrine Solitons in a Coherent Atomic System. <i>Frontiers in Physics</i> , <b>2021</b> , 9,	3.9	1
112	Magnetically Induced Transparency in Media with Helical Dichroic Structure. 2021, 14,		6
111	Evolution of all-optical electromagnetically induced absorption and induced transparency in triple-microcavity-based one-dimensional photonic crystals. <i>OSA Continuum</i> , <b>2021</b> , 4, 1358	1.4	О
110	Optical Buffer Device Employing VO2 Embedded on SOI Waveguides With Microring Resonator. <i>IEEE Photonics Journal</i> , <b>2021</b> , 13, 1-11	1.8	2
109	A simple model system to study coupled photonic crystal microcavities. <b>2021</b> , 89, 538-545		1
108	Single-Photon Emission by the Plasmon-Induced Transparency Effect in Coupled Plasmonic Resonators. <b>2021</b> , 8, 188		
107	Bidirectional Electromagnetically Induced Transparency Based on Coupling of Magnetic Dipole Modes in Amorphous Silicon Metasurface. <b>2021</b> , 11,		1
106	Plasmons Coupling and Anti-crossing of Nanometal Asymmetric Dimer. 1		1
105	Magnetically induced linear,nonreciprocal, and tunable transparency. Optics Letters, 2021, 46, 3616-361	93	6
104	Electrically tunable electromagnetically induced transparency in superconducting terahertz metamaterials. <i>Applied Physics Letters</i> , <b>2021</b> , 119, 052602	3.4	5
103	Bound States in the Continuum on a Silicon Chip with Dynamic Tuning. 2021, 16,		1
102	Slow light effect in hybrid optomechanical system. e26814		О
101	Very large group delay in VHF band using coupled high temperature superconducting resonators. <b>2021</b> , 9, 1892		1

100	Micro-Ring Resonator Devices Prototyped on Optical Fiber Tapers by Multi-Photon Lithography. <b>2021</b> , 27, 1-7		6
99	Dual dynamically tunable plasmon-induced transparency and absorption in I-type-graphene-based slow-light metamaterial with rectangular defect. <b>2021</b> , 246, 167837		1
98	Plasmonic induced reflection based on Al2O3 nanoslit side coupled with silicon nanodisk resonator. <b>2021</b> , 5, 100126		O
97	Electromagnetic induced transparency, induced absorption, and Fano resonances in photonic circuits. <b>2021</b> , 155-191		
96	Classical Analog of Electromagnetically Induced Transparency. 195-214		1
95	Photonic Molecules and Spectral Engineering. <i>Springer Series in Optical Sciences</i> , <b>2010</b> , 393-421 o.	5	19
94	Microresonators for Communication and Signal Processing Applications. <i>Springer Series in Optical Sciences</i> , <b>2010</b> , 485-505	5	1
93	Slow and Stopped Light in Coupled Resonator Systems. <i>Springer Series in Optical Sciences</i> , <b>2010</b> , 165-180o.	5	1
92	Discrete Breathers with Dissipation. <b>2008</b> , 1-32		3
91	Optomechanically tuned Fano resonance and slow light in a quadratically coupled optomechanical system with membranes. <b>2020</b> , 53, 235402		1
90	Reversible switching of electromagnetically induced transparency in phase change metasurfaces. <b>2020</b> , 2,		11
89	Spectral narrowing of RF photonic filters using Brillouin gain shaping and signal interference. 2016,		1
88	Optically Induced Transparency In a Micro-cavity. <b>2015</b> ,		1
87	Slow light and fast light in microfiber double-knot resonator with a parallel structure. <b>2016</b> , 55, 8612-8617		5
86	Photonic molecule quantum optics. <b>2020</b> , 12, 60		12
85	Electromagnetically induced acoustic wave transparency in a diamond mechanical resonator.  Journal of the Optical Society of America B: Optical Physics, <b>2016</b> , 33, 2242	7	10
84	Multiple EIT and EIA in optical microresonators. <i>Optics Express</i> , <b>2019</b> , 27, 7344-7353	}	25
83	On-chip plasmon-induced transparency in THz metamaterial on a LiNbO subwavelength planar waveguide. <i>Optics Express</i> , <b>2019</b> , 27, 7373-7383	}	8

82	High quality factor electromagnetically induced transparency-like effect in coupled guided-mode resonant systems. <i>Optics Express</i> , <b>2019</b> , 27, 7712-7718	3.3	13
81	Large-capacity and low-loss integrated optical buffer. <i>Optics Express</i> , <b>2019</b> , 27, 11585-11593	3.3	10
80	All-dielectric metamaterial analogue of electromagnetically induced transparency and its sensing application in terahertz range. <i>Optics Express</i> , <b>2019</b> , 27, 16624-16634	3.3	29
79	Simulation study on active control of electromagnetically induced transparency analogue in coupled photonic crystal nanobeam cavity-waveguide systems integrated with graphene. <i>Optics Express</i> , <b>2019</b> , 27, 32122-32134	3.3	8
78	Manipulation of optomechanically induced transparency and absorption by indirectly coupling to an auxiliary cavity mode. <i>Optics Express</i> , <b>2020</b> , 28, 580-592	3.3	9
77	Coupled-mode induced transparency via Ohmic heating in a single polydimethylsiloxane-coated microbubble resonator. <i>Optics Express</i> , <b>2020</b> , 28, 10705-10713	3.3	5
76	Multifunctional and tunable trigate graphene metamaterial with "Lakes of Wada" topology. <i>Optics Express</i> , <b>2020</b> , 28, 24772-24788	3.3	2
75	Reconfigurable nonlinear nonreciprocal transmission in a silicon photonic integrated circuit. <i>Optica</i> , <b>2020</b> , 7, 7	8.6	18
74	Superluminal Pulse Propagation on a Silicon Chip. 2008,		1
73	Analysis of induced-transparency in an original three-order resonator system. <i>Wuli Xuebao/Acta Physica Sinica</i> , <b>2015</b> , 64, 144202	0.6	2
72	Reversible fast to slow-light transition originating in the optical analog of EIA-EIT transformation in optical resonators. <i>OSA Continuum</i> , <b>2021</b> , 4, 2771	1.4	1
71	Tunable optical delay on silicon chip with a double-ring resonator. 2006,		
70	Single-Photon All-Optical Switching by Use of Coupled Microring Resonators. 2006,		
69	Tunable optical delay with on-chip analogue to EIT. 2006,		
68	Optical Analogue to Electromagnetically Induced Transparency in Photonic Crystals, Simulation and Experiments. <b>2007</b> ,		1
67	Overcoming traditional manufacturing limitations in high Q micro-ring resonators using non-linear effects in silicon. <b>2007</b> ,		
66	On-chip high-order frequency filter with fabrication error recovery. <b>2008</b> ,		
65	Tunable superluminal pulse propagation on a silicon chip. 2008,		

64	Complex Scissor Device Characterization and All-Optical Tuning of Single Resonant Cavity. 2010,		
63	Loss Effects on Properties of Two Configurations of Novel Dual Coupled Microring Resonators. <b>2010</b> ,		
62	Experimental observation of Fano resonance in a single whispering-gallery microresonator. 2011,		4
61	Characteristics of subluminal for optical resonators. Wuli Xuebao/Acta Physica Sinica, <b>2011</b> , 60, 024218	0.6	
60	Electromagnetically induced transparency in squeezed vacuum. <i>Wuli Xuebao/Acta Physica Sinica</i> , <b>2011</b> , 60, 024204	0.6	3
59	Coupled-Resonator-Induced-Transparency in Cascaded Self-Coupled Optical Waveguide (SCOW) Resonators. <b>2012</b> ,		1
58	Defect induced EIT like spectrum and tunable group delay in periodically poled LiNbO3. <b>2012</b> ,		
57	Induced Transparency Analog in Throughput from Excited Coresonant Modes with Orthogonal Polarizations. <b>2012</b> ,		
56	Resonant Light Scattering in Photonic Devices. Series in Optics and Optoelectronics, 2012, 429-444		
55	Tunable Two-Stage Self-Coupled Optical Waveguide (SCOW) Resonators. 2013,		O
55 54	Tunable Two-Stage Self-Coupled Optical Waveguide (SCOW) Resonators. 2013,  Compact Q-enhanced bandpass filter based on EIT-like effect accompanying an application for APL. 2013,		О
	Compact Q-enhanced bandpass filter based on EIT-like effect accompanying an application for APL.		O
54	Compact Q-enhanced bandpass filter based on EIT-like effect accompanying an application for APL. <b>2013</b> ,	0.5	2
54	Compact Q-enhanced bandpass filter based on EIT-like effect accompanying an application for APL. 2013,  Highly Sensitive Sensing with High-Q Whispering Gallery Microcavities. 2014, 1-26  Silicon Photonics-Based Signal Processing for Microwave Photonic Frontends. <i>Topics in Applied</i>	0.5	
54 53 52	Compact Q-enhanced bandpass filter based on EIT-like effect accompanying an application for APL. 2013,  Highly Sensitive Sensing with High-Q Whispering Gallery Microcavities. 2014, 1-26  Silicon Photonics-Based Signal Processing for Microwave Photonic Frontends. <i>Topics in Applied Physics</i> , 2016, 317-347	0.5	
54 53 52 51	Compact Q-enhanced bandpass filter based on EIT-like effect accompanying an application for APL. 2013,  Highly Sensitive Sensing with High-Q Whispering Gallery Microcavities. 2014, 1-26  Silicon Photonics-Based Signal Processing for Microwave Photonic Frontends. <i>Topics in Applied Physics</i> , 2016, 317-347  Highly Sensitive Sensing with High-Q Whispering Gallery Microcavities. 2017, 147-176  The Switchable EIT-like and Fano Resonances in Microring-Bragg Grating Based Coupling Resonant	0.5	
54 53 52 51 50	Compact Q-enhanced bandpass filter based on EIT-like effect accompanying an application for APL. 2013,  Highly Sensitive Sensing with High-Q Whispering Gallery Microcavities. 2014, 1-26  Silicon Photonics-Based Signal Processing for Microwave Photonic Frontends. <i>Topics in Applied Physics</i> , 2016, 317-347  Highly Sensitive Sensing with High-Q Whispering Gallery Microcavities. 2017, 147-176  The Switchable EIT-like and Fano Resonances in Microring-Bragg Grating Based Coupling Resonant System. 2017,  Spectral Bandwidth Tuning at Telecommunication Wavelength by Specific Intensity Modulation in		

46	Controllable low-loss slow light in photonic crystals. 2018,		1
45	Large 10-dB Bandwidth and Low Insertion Loss Silicon Dual-ring Modulator. 2018,		
44	Photon Storage in a Dynamic Two-Ring-Two-Bus System. <i>Optics and Photonics Journal</i> , <b>2019</b> , 09, 20-25	0.3	1
43	On-chip plasmon-induced transparency using a meta-structure in THz regime. <b>2019</b> ,		
42	Electronic-induced-transparency-like in a single polydimethysiloxane-coated whispering gallery mode microbubble resonator. <b>2019</b> ,		
41	Coupled Photonic Crystal Cavity Architecture for Intensity Modulation. 2019,		
40	EIA metamaterials based on hybrid metal/dielectric structures with dark-mode-enhanced absorption. <i>Optics Express</i> , <b>2020</b> , 28, 17481-17489	3.3	3
39	Low-chirp push-pull dual-ring modulator with 144 Gb/s PAM-4 data transmission. <i>Optics Express</i> , <b>2020</b> , 28, 26492-26498	3.3	1
38	Surface plasmon induced transparency in coupled microcavities assisted by slits. <i>Wuli Xuebao/Acta Physica Sinica</i> , <b>2020</b> , 69, 134205	0.6	О
37	Topological optomechanically induced transparency. <i>Optics Letters</i> , <b>2020</b> , 45, 5966-5969	3	O
36	All-optical analog to electromagnetically induced transparency with coupled nanobeam cavities and Mach Zehnder interferometer. 2020,		
35	Dynamical determination of the strength of cross-polarization coupling in a whispering-gallery microresonator. <i>Physical Review A</i> , <b>2021</b> , 104,	2.6	1
34	Electromagnetically induced transparency from first-order dynamical systems. <i>Physical Review B</i> , <b>2021</b> , 104,	3.3	2
33	Thermo-optically induced transparency on a photonic chip. <i>Light: Science and Applications</i> , <b>2021</b> , 10, 240	16.7	2
32	Plasmon-induced transparency in borophene waveguide with strong absorption inhibition at critical-coupled state. <i>Applied Physics Express</i> , <b>2022</b> , 15, 024004	2.4	1
31	Plasmon-induced transparency in a reconfigurable composite valley photonic crystal <i>Optics Express</i> , <b>2022</b> , 30, 4381-4391	3.3	1
30	Nonlocality-enabled pulse management in epsilon-near-zero metamaterials <i>Advanced Materials</i> , <b>2022</b> , e2107023	24	2
29	Polariton-induced transparency in hybrid 2D-material hetero-nanostructure with multi-functions. <i>Carbon</i> , <b>2022</b> , 190, 80-91	10.4	1

28	Electromagnetically induced transparency with a single optomechanical microring resonator <i>Optics Letters</i> , <b>2022</b> , 47, 1363-1366	3	О
27	Recent Progress in Silicon-Based Slow-Light Electro-Optic Modulators <i>Micromachines</i> , <b>2022</b> , 13,	3.3	1
26	Analysis of Evolution of Coupled Lorentz Resonances and Their Sensing Properties in Terahertz Metamaterials. <i>Frontiers in Physics</i> , <b>2022</b> , 10,	3.9	O
25	Electromagnetically Induced Transparency and Absorption in Directly Coupled Whispering-Gallery Mode Microcavities. <i>IEEE Photonics Journal</i> , <b>2022</b> , 14, 1-8	1.8	
24	Novel glucose concentration sensor with unique resonance lineshapes in optical cavity.  Measurement: Journal of the International Measurement Confederation, 2022, 194, 111006	4.6	О
23	Active modulation of metamaterial transport properties in the terahertz range. <i>Optical Materials</i> , <b>2022</b> , 127, 112283	3.3	
22	Graphene-based tunable plasmon-induced transparency utilizing circular and two rectangular gold rings in the near-infrared spectrum. <i>Materials Science in Semiconductor Processing</i> , <b>2022</b> , 144, 106601	4.3	О
21	Theoretical study of transparent peaks in a topological waveguide-cavity coupled system. <i>Applied Physics Letters</i> , <b>2021</b> , 119, 251101	3.4	O
20	Experimental demonstration of polarization and direction insensitive metamaterial analog of electromagnetically induced transparency by bright-bright mode coupling. <i>Results in Physics</i> , <b>2022</b> , 37, 105514	3.7	0
19	Tunable Optically Induced Transparency and Fano Resonance In a Two Mode Coupled Micro-Cavity System with Double Optical Kerr Effect. <i>Journal of Nonlinear Optical Physics and Materials</i> ,	0.8	
18	Propagation of a peak-truncated Gaussian pulse in an inverted coupled-resonator-induced transparency system. <i>Optics Communications</i> , <b>2022</b> , 520, 128466	2	O
17	Shallow-donor impurity effects on the far infrared electronBlectron optical absorption coefficient in single and core/shell spherical quantum dots with Konwent-like confinement potential. <i>Optical and Quantum Electronics</i> , <b>2022</b> , 54,	2.4	O
16	Use of transmission and reflection complex time delays to reveal scattering matrix poles and zeros: Example of the ring graph. <i>Physical Review E</i> , <b>2022</b> , 105,	2.4	2
15	Loaded Slot Cavity Induced Sensing Enhancement and Transparency Based on Plasmonic Structure. IEEE Sensors Journal, 2022, 1-1	4	
14	Demonstration of dipole-induced transparency using mirrored split-ring resonator metasurface for microwave applications. <i>Journal of Computational Electronics</i> ,	1.8	
13	Single and dual-channel analog of electromagnetically induced transparency in ?-shaped all-dielectric metasurface. <b>2022</b> , 61,		O
12	Optical Spectral Shaping based on Reconfigurable Integrated Microring Resonator-coupled FabryPerot Cavity. <b>2022</b> , 1-8		1
11	Distinguishing electromagnetically induced transparency and Autlerlownes splitting effects in photonic crystal nanobeam-waveguide coupled system by AIC. <b>2022</b> , 69, 1023-1031		O

10	Self-induced transparency in a perfectly absorbing chiral second-harmonic generator. 2022, 3,	O
9	Active Control of Electromagnetically Induced Transparency Analogy in Spoof Surface Plasmon Polariton Waveguide. <b>2022</b> , 9, 833	O
8	Realization of Bound States in the Continuum in Anti- PT -Symmetric Optical Systems: A Proposal and Analysis. 2200079	O
7	Electromagnetically induced transparency analogue in terahertz range with all-dielectric metasurface. <b>2022</b> ,	O
6	Unconventional photon blockade innon-Hermitian indirectly coupled resonatorsystem.	O
5	Controllable electromagnetically induced transparency (EIT)-like mode splitting in a chiral microcavity.	O
4	Tunable terahertz slow light with hybrid coupling of magnetic toroidal and electric dipole metasurface.	O
3	New cross-coupled resonator induced shifted absorption (CRISA) in double microring resonators using a cross-coupling-structure technique. <b>2022</b> , 69, 1198-1208	O
2	Observation of the transition from inverted coupled-resonator-induced transparency to inverted Autler-Townes splitting. <b>2023</b> , 107,	O
1	Transition from electromagnetically induced transparency to absorption in a single microresonator.	O