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**Tunable Fano resonances based on two-beam interference in microring resonator**

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**Applied Physics Letters, 2013, 102, 011112.**

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#	Paper	IF	Citations
59	Tunable out-of-plane slow light in resonance induced transparent grating waveguide structures. <i>Applied Physics Letters</i> , <b>2013</b> , 103, 061109	3.4	7
58	Four-Port Silicon Multi-Wavelength Optical Router for Photonic Networks-on-Chip. <i>IEEE Photonics Technology Letters</i> , <b>2013</b> , 25, 2281-2284	2.2	25
57	Through-Si-via (TSV) Keep-Out-Zone (KOZ) in SOI Photonics Interposer: A Study of the Impact of TSV-Induced Stress on Si Ring Resonators. <i>IEEE Photonics Journal</i> , <b>2013</b> , 5, 2700611-2700611	1.8	11
56	Tunable Fano resonance in a single-ring-resonator-based add/drop interferometer. <i>Applied Optics</i> , <b>2013</b> , 52, 4884-9	1.7	4
55	Integrated optical modulators and switches using coherent perfect loss. <i>Optics Letters</i> , <b>2013</b> , 38, 3001-43	3	15
54	Fano resonances in metallic grating coupled whispering gallery mode resonator. <i>Applied Physics Letters</i> , <b>2013</b> , 103, 151108	3.4	11
53	Fano resonances in ultracompact waveguide Fabry-Perot resonator side-coupled lossy nanobeam cavities. <i>Applied Physics Letters</i> , <b>2013</b> , 103, 091104	3.4	29
52	Composite modulation of Fano resonance in plasmonic microstructures by electric-field and microcavity. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 181114	3.4	9
51	Proposal for a 2 <sup>nd</sup> Order Optical Switch Based on Graphene-Silicon-Waveguide Microring. <i>IEEE Photonics Technology Letters</i> , <b>2014</b> , 26, 235-238	2.2	23
50	Microring based ratio-metric wavelength monitor on silicon. <b>2014</b> ,		2
49	Tunable dynamic Fano resonances in coupled-resonator optical waveguides. <i>Physical Review A</i> , <b>2015</b> , 91,	2.6	13
48	Polycrystalline anatase titanium dioxide microring resonators with negative thermo-optic coefficient. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2015</b> , 32, 2288	1.7	25
47	Ultrahigh-Resolution Ratio-Metric Wavelength Monitors Based on Tunable Microrings on Silicon. <i>IEEE Photonics Technology Letters</i> , <b>2015</b> , 27, 592-595	2.2	1
46	Optically tunable Fano resonance in a grating-based Fabry-Perot cavity-coupled microring resonator on a silicon chip. <i>Optics Letters</i> , <b>2016</b> , 41, 2474-7	3	31
45	Experimental demonstration of coherent perfect absorption in a silicon photonic racetrack resonator. <i>Optics Letters</i> , <b>2016</b> , 41, 2537-40	3	21
44	Tunable Fano resonance based on add-drop ring resonator structure. <b>2016</b> ,		
43	Bloch oscillation and unidirectional translation of frequency in a dynamically modulated ring resonator. <i>Optica</i> , <b>2016</b> , 3, 1014	8.6	57

42	Tunable Fano resonances based on microring resonator with feedback coupled waveguide. <i>Optics Express</i> , <b>2016</b> , 24, 20187-95	3.3	43
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40	Slope tunable Fano resonances in asymmetric embedded microring resonators. <i>Journal of Optics (United Kingdom)</i> , <b>2017</b> , 19, 025803	1.7	11
39	Second order add/drop filter with a single ring resonator. <b>2017</b> ,		
38	Frequency-axis light transport and topological effects in dynamic photonic structures. <b>2017</b> ,		
37	Integrated High-Performance Two-Stage Ratiometric Wavelength Monitors On Silicon. <i>IEEE Photonics Technology Letters</i> , <b>2017</b> , 1-1	2.2	3
36	Extracting loss from asymmetric resonances in micro-ring resonators. <i>Journal of Optics (United Kingdom)</i> , <b>2017</b> , 19, 065804	1.7	3
35	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
34	Tunable Fano resonance in mutually coupled micro-ring resonators. <i>Applied Physics Letters</i> , <b>2017</b> , 111, 091901	3.4	10
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27	Experimental Demonstration of Thermally Tunable Fano and EIT Resonances in Coupled Resonant System on SOI Platform. <i>IEEE Photonics Journal</i> , <b>2018</b> , 10, 1-8	1.8	4
26	Optical Refractive Index Sensors with Plasmonic and Photonic Structures: Promising and Inconvenient Truth. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1801433	8.1	156
25	Symmetric Meandering Distributed Feedback Structures for Silicon Photonic Circuits. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2020</b> , 26, 1-5	3.8	3

24	Controlling Resonance Lineshapes of a Side-Coupled Waveguide-Microring Resonator. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 4429-4434	4	4
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20	Progress of silicon photonic devices-based Fano resonance. <i>Wuli Xuebao/Acta Physica Sinica</i> , <b>2021</b> , 70, 034204-034204	0.6	0
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18	Photonic thermometer with a sub-millikelvin resolution and broad temperature range by waveguide-microring Fano resonance. <i>Optics Express</i> , <b>2020</b> , 28, 12599-12608	3.3	11
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16	Independently tunable double Fano resonances based on waveguide-coupled cavities. <i>Optics Letters</i> , <b>2019</b> , 44, 3154-3157	3	8
15	Fano Resonance with Tunability in a Single Ring Resonator Based Add/Drop Interferometer. <b>2013</b> ,		
14	Integrated high-performance two-stage ratiometric wavelength monitors on silicon. <b>2016</b> ,		
13	The Switchable EIT-like and Fano Resonances in Microring-Bragg Grating Based Coupling Resonant System. <b>2017</b> ,		
12	The characteristics and arithmetic of a novel structure based on add-drop resonator. <b>2018</b> ,		
11	Tunable Fano resonance with a high slope rate in a microring-resonator-coupled Mach-Zehnder interferometer. <i>Optics Letters</i> , <b>2019</b> , 44, 251-254	3	5
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9	Thermo-optically tunable slot waveguide-based dual mode-splitting resonators with enhanced sharp lineshapes. <i>Optics Express</i> ,	3.3	
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6	Fully reconfigurable Fano resonator on a silicon photonic chip. <i>IEEE Photonics Journal</i> , <b>2022</b> , 1-5	1.8	0
5	Optical Spectral Shaping based on Reconfigurable Integrated Microring Resonator-coupled Fabry-Perot Cavity. <b>2022</b> , 1-8	1	
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