

Hiva Shahoei

List of Publications by Year in descending order

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17
papers

307
citations

1040056

9
h-index

1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	Independently Tunable Multichannel Fractional-Order Temporal Differentiator Based on a Silicon-Photonic Symmetric Mach-Zehnder Interferometer Incorporating Cascaded Microring Resonators. <i>Journal of Lightwave Technology</i> , 2015, 33, 361-367.	4.6	17
2	Continuously tunable photonic fractional Hilbert transformer using a high-contrast germanium-doped silica-on-silicon microring resonator. <i>Optics Letters</i> , 2014, 39, 2778.	3.3	26
3	Continuous Slow and Fast Light Generation Using a Silicon-on-Insulator Microring Resonator Incorporating a Multimode Interference Coupler. <i>Journal of Lightwave Technology</i> , 2014, 32, 4279-4284.	4.6	8
4	Photonic Fractional-Order Differentiator Using an SOI Microring Resonator With an MMI Coupler. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 1408-1411.	2.5	29
5	Continuously Tunable Fractional Hilbert Transformer by Using a Single π -Phase Shifted FBG. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 2225-2228.	2.5	7
6	Slow and fast light effects in a tilted fiber Bragg grating and the application in a continuously tunable microwave photonic filter. , 2013, , .		3
7	A continuously tunable multi-tap complex-coefficient microwave photonic filter based on a tilted fiber Bragg grating. <i>Optics Express</i> , 2013, 21, 7521.	3.4	13
8	Tunable microwave photonic phase shifter based on slow and fast light effects in a tilted fiber Bragg grating. <i>Optics Express</i> , 2012, 20, 14009.	3.4	44
9	Continuously Tunable Microwave Frequency Multiplication by Optically Pumping Linearly Chirped Fiber Bragg Gratings in an Unbalanced Temporal Pulse Shaping System. <i>Journal of Lightwave Technology</i> , 2012, 30, 1954-1959.	4.6	54
10	Continuously Tunable Chirped Microwave Waveform Generation Using a Tilted Fiber Bragg Grating Written in an Erbium/Ytterbium Codoped Fiber. <i>IEEE Photonics Journal</i> , 2012, 4, 765-771.	2.0	7
11	Tunable Fractional Order Temporal Differentiator by Optically Pumping a Tilted Fiber Bragg Grating. <i>IEEE Photonics Technology Letters</i> , 2012, 24, 730-732.	2.5	21
12	Continuously Tunable Slow and Fast Light by Using an Optically Pumped Tilted Fiber Bragg Grating Written in an Erbium/Ytterbium Co-Doped Fiber. <i>IEEE Photonics Technology Letters</i> , 2012, 24, 818-820.	2.5	14
13	Continuously tunable microwave phase shifter based on a tilted fiber Bragg grating. , 2012, , .		0
14	Achieving continuously tunable slow and fast light by using an optically pumped tilted fiber Bragg grating. , 2012, , .		0
15	Tunable Fractional Order Temporal Differentiator Using an Optically Pumped Tilted Fiber Bragg Grating. , 2012, , .		1
16	Continuously Tunable Chirped Microwave Pulse Generation Using an Optically Pumped Tilted Fiber Bragg Grating. , 2012, , .		0
17	Continuously Tunable Time Delay Using an Optically Pumped Linear Chirped Fiber Bragg Grating. <i>Journal of Lightwave Technology</i> , 2011, 29, 1465-1472.	4.6	49