

Ricardo Ezequiel da Silva

List of Publications by Year in descending order

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26
all docs

26
docs citations

26
times ranked

94
citing authors

#	ARTICLE	IF	CITATIONS
1	Detailed analysis of the longitudinal acousto-optical resonances in a fiber Bragg modulator. Optics Express, 2013, 21, 6997.	3.4	30
2	Advances and new applications using the acousto-optic effect in optical fibers. Photonic Sensors, 2013, 3, 1-25.	5.0	29
3	Acousto-optic modulation of a fiber Bragg grating in suspended core fiber for mode-locked all-fiber lasers. Laser Physics Letters, 2015, 12, 045101.	1.4	16
4	All-fiber 10 MHz acousto-optic modulator of a fiber Bragg grating at 1060 nm wavelength. Optics Express, 2015, 23, 25972.	3.4	12
5	Numerical characterization of piezoelectric resonant transducer modes for acoustic wave excitation in optical fibers. Measurement Science and Technology, 2013, 24, 094020.	2.6	10
6	Electrically Tunable Multiwavelength Bragg Grating Filter Acoustically Induced in a Highly Birefringent Suspended Core Fiber. IEEE Photonics Journal, 2017, 9, 1-9.	2.0	10
7	Characterization of flexural acoustic waves in optical fibers using an extrinsic Fabry-Perot interferometer. Measurement Science and Technology, 2012, 23, 055206.	2.6	8
8	Wavelength Tunable Filter Based on Acousto-Optic Modulation of a Double-Core Fiber. IEEE Photonics Technology Letters, 2019, 31, 1135-1138.	2.5	8
9	Detailed numerical investigation of the interaction of longitudinal acoustic waves with fiber Bragg gratings in suspended-core fibers. Optics Communications, 2015, 344, 43-50.	2.1	7
10	Numerical and experimental analysis of the modulation of fiber Bragg gratings by low-frequency complex acoustic waves. Optical Fiber Technology, 2016, 30, 17-22.	2.7	6
11	Reflectivity and Bandwidth Modulation of Fiber Bragg Gratings in a Suspended Core Fiber by Tunable Acoustic Waves. IEEE Photonics Journal, 2014, 6, 1-8.	2.0	5
12	Acousto-Optic Double Side-Band Amplitude Modulation of a Fiber Bragg Grating in a Four-Holes Suspended-Core Fiber. Journal of Lightwave Technology, 2018, 36, 4146-4152.	4.6	4
13	Highly Efficient Side-Coupled Acousto-Optic Modulation of a Suspended Core Fiber Bragg Grating. IEEE Photonics Technology Letters, 2021, 33, 1379-1382.	2.5	3
14	Fiber Fabry-Perot interferometer sensor for measuring resonances of piezoelectric elements. Proceedings of SPIE, 2011, , .	0.8	2
15	Characterization of longitudinal acoustic waves in a fiber using an extrinsic Fabry-Perot interferometer. , 2012, , .		2
16	Modelling the bandwidth behaviour of fibre Bragg gratings excited by low-frequency acoustic waves. , 2013, , .		2
17	Acousto-Optic Notch Filter Dynamically Induced in a Chirped Fiber Bragg Grating. IEEE Photonics Technology Letters, 2016, 28, 1081-1083.	2.5	2
18	Ultra-efficient in-core acoustic waves in suspended core fiber for high frequency fiber-optic ultrasonic devices. Applied Physics Express, 2021, 14, 087003.	2.4	2

#	ARTICLE	IF	CITATIONS
19	Suspended core size effect in interaction of longitudinal acoustic waves and fiber Bragg gratings. , 2013, , .		1
20	3D numerical investigation of double-core optical fiber properties modulated by flexural acoustic waves. , 2017, , .		1
21	3D numerical analysis of the acousto-optical modulation in a double-core optical fiber. , 2018, , .		1
22	Characterization of flexural and longitudinal acoustic waves in standard and photonic crystal fibres. , 2012, , .		0
23	All-fiber laser mode-locked by the acousto-optic modulation of a fiber Bragg grating in suspended core fiber. Proceedings of SPIE, 2015, , .	0.8	0
24	Wideband notch filter acoustically induced in a chirped fiber Bragg grating. , 2015, , .		0
25	Multi-wavelength reflection spectra from an acousto-optic modulated fiber Bragg grating in a highly birefringent suspended core fiber. , 2017, , .		0
26	3D Numerical Analyses of Multimode Acoustic Coupling in Standard and Specialty Optical Fibres. , 2020, , .		0