

David SÃ¡ez RodrÃ¡-guez

List of Publications by Year in descending order

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26
papers

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all docs

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times ranked

307
citing authors

#	ARTICLE	IF	CITATIONS
1	Passive and Portable Polymer Optical Fiber Cleaver. IEEE Photonics Technology Letters, 2016, 28, 2834-2837.	2.5	14
2	Fiber optic liquid level monitoring system using microstructured polymer fiber Bragg grating array sensors: performance analysis. , 2015, , .		2
3	Simple Room Temperature Method for Polymer Optical Fibre Cleaving. Journal of Lightwave Technology, 2015, 33, 4712-4716.	4.6	7
4	Time-dependent variation of fiber Bragg grating reflectivity in PMMA-based polymer optical fibers. Optics Letters, 2015, 40, 1476.	3.3	13
5	Polarization effects in polymer FBGs: study and use for transverse force sensing. Optics Express, 2015, 23, 4581.	3.4	71
6	Investigations on birefringence effects in polymer optical fiber Bragg gratings. , 2014, , .		2
7	Interferometric microstructured polymer optical fiber ultrasound sensor for optoacoustic endoscopic imaging in biomedical applications. Proceedings of SPIE, 2014, , .	0.8	2
8	Photosensitivity mechanism of undoped poly(methyl methacrylate) under UV radiation at 325 nm and its spatial resolution limit. Optics Letters, 2014, 39, 3421.	3.3	35
9	Increase of the photosensitivity of undoped poly(methylmethacrylate) under UV radiation at 325 nm. , 2014, , .		1
10	Connectorisation of fibre Bragg grating sensors recorded in microstructured polymer optical fibre. Proceedings of SPIE, 2013, , .	0.8	11
11	Highly photosensitive polymethyl methacrylate microstructured polymer optical fiber with doped core. Optics Letters, 2013, 38, 3769.	3.3	70
12	Q-Switch All-Fiber Laser Pulsed by High Order Modes. IEEE Photonics Technology Letters, 2013, 25, 1058-1061.	2.5	2
13	All-fiber noninterferometric narrow-transmission-bandpass filter. Optics Letters, 2012, 37, 4314.	3.3	2
14	Corrections to "Light Modulation Based on Fiber Cladding Mode Coupling Between Concatenated Long-Period Gratings" [Feb 1 152-154]. IEEE Photonics Technology Letters, 2011, 23, 754-754.	2.5	0
15	Light Modulation Based on Fiber Cladding Mode Coupling Between Concatenated Long-Period Gratings. IEEE Photonics Technology Letters, 2011, 23, 152-154.	2.5	3
16	Coupling between counterpropagating cladding modes in fiber Bragg gratings. Optics Letters, 2011, 36, 1518.	3.3	18
17	Fiber laser with combined feedback of core and cladding modes assisted by an intracavity long-period grating. Optics Letters, 2011, 36, 1839.	3.3	7
18	Fiber laser with cladding-mode feedback based on intracavity long period grating. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
19	Fiber laser switched by a long period grating interferometer as an intra-cavity loss modulator. Optics Communications, 2010, 283, 2892-2895.	2.1	6
20	Water Diffusion Into UV Inscripted Long Period Grating in Microstructured Polymer Fiber. IEEE Sensors Journal, 2010, 10, 1169-1173.	4.7	26
21	In-fiber Fabry-Perot refractometer assisted by a long-period grating. Optics Letters, 2010, 35, 613.	3.3	30
22	Actively mode-locked fiber ring laser by intermodal acousto-optic modulation. Optics Letters, 2010, 35, 3781.	3.3	26
23	Fiber-Optic Aqueous Dipping Sensor Based on Coaxial-Michelson Modal Interferometers. Journal of Sensors, 2009, 2009, 1-4.	1.1	2
24	Long period fibre gratings photoinscribed in a microstructured polymer optical fibre by UV radiation. Proceedings of SPIE, 2009, , .	0.8	1
25	Refractometric sensor based on all-fiber coaxial Michelson interferometers. Proceedings of SPIE, 2009, , .	0.8	0
26	Modulation of coaxial modal interferometers based on long period gratings in double cladding fibers. Optics Express, 2007, 15, 10929.	3.4	8