

David SÃ¡ez RodrÃ­guez

List of Publications by Year in descending order

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26
papers

359
citations

933447

10
h-index

794594

19
g-index

26
all docs

26
docs citations

26
times ranked

307
citing authors

#	ARTICLE	IF	CITATIONS
1	Polarization effects in polymer FBGs: study and use for transverse force sensing. Optics Express, 2015, 23, 4581.	3.4	71
2	Highly photosensitive polymethyl methacrylate microstructured polymer optical fiber with doped core. Optics Letters, 2013, 38, 3769.	3.3	70
3	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
4	In-fiber Fabry-Perot refractometer assisted by a long-period grating. Optics Letters, 2010, 35, 613.	3.3	30
5	Water Diffusion Into UV Inscribed Long Period Grating in Microstructured Polymer Fiber. IEEE Sensors Journal, 2010, 10, 1169-1173.	4.7	26
6	Actively mode-locked fiber ring laser by intermodal acousto-optic modulation. Optics Letters, 2010, 35, 3781.	3.3	26
7	Coupling between counterpropagating cladding modes in fiber Bragg gratings. Optics Letters, 2011, 36, 1518.	3.3	18
8	Passive and Portable Polymer Optical Fiber Cleaver. IEEE Photonics Technology Letters, 2016, 28, 2834-2837.	2.5	14
9	Time-dependent variation of fiber Bragg grating reflectivity in PMMA-based polymer optical fibers. Optics Letters, 2015, 40, 1476.	3.3	13
10	Connectorisation of fibre Bragg grating sensors recorded in microstructured polymer optical fibre. Proceedings of SPIE, 2013, , .	0.8	11
11	Modulation of coaxial modal interferometers based on long period gratings in double cladding fibers. Optics Express, 2007, 15, 10929.	3.4	8
12	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
13	Simple Room Temperature Method for Polymer Optical Fibre Cleaving. Journal of Lightwave Technology, 2015, 33, 4712-4716.	4.6	7
14	Fiber laser switched by a long period grating interferometer as an intra-cavity loss modulator. Optics Communications, 2010, 283, 2892-2895.	2.1	6
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	Fiber-Optic Aqueous Dipping Sensor Based on Coaxial-Michelson Modal Interferometers. Journal of Sensors, 2009, 2009, 1-4.	1.1	2
17	All-fiber noninterferometric narrow-transmission-bandpass filter. Optics Letters, 2012, 37, 4314.	3.3	2
18	Q-Switch All-Fiber Laser Pulsed by High Order Modes. IEEE Photonics Technology Letters, 2013, 25, 1058-1061.	2.5	2

#	ARTICLE	IF	CITATIONS
19	Investigations on birefringence effects in polymer optical fiber Bragg gratings. , 2014, , .		2
20	Interferometric microstructured polymer optical fiber ultrasound sensor for optoacoustic endoscopic imaging in biomedical applications. Proceedings of SPIE, 2014, , .	0.8	2
21	Fiber optic liquid level monitoring system using microstructured polymer fiber Bragg grating array sensors: performance analysis. , 2015, , .		2
22	Long period fibre gratings photoinscribed in a microstructured polymer optical fibre by UV radiation. Proceedings of SPIE, 2009, , .	0.8	1
23	Increase of the photosensitivity of undoped poly(methylmethacrylate) under UV radiation at 325 nm. , 2014, , .		1
24	Refractometric sensor based on all-fiber coaxial Michelson interferometers. Proceedings of SPIE, 2009, , .	0.8	0
25	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
26	Fiber laser with cladding-mode feedback based on intracavity long period grating. , 2011, , .		0