Fotios Sidiroglou

List of Publications by Year
in descending order

33	284	933447 10	940533 16
papers	citations	h-index	g-index

33	33	33	405
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Remediation of poly-and perfluoroalkyl substances (PFAS) contaminated soil using gas fractionation enhanced technology. Science of the Total Environment, 2022, 827, 154310.	8.0	19
2	The effects of photobiomodulation on human dermal fibroblasts in vitro: A systematic review. Journal of Photochemistry and Photobiology B: Biology, 2021, 214, 112100.	3.8	19
3	The effect of low-level red and near-infrared photobiomodulation on pain and function in tendinopathy: a systematic review and meta-analysis of randomized control trials. BMC Sports Science, Medicine and Rehabilitation, 2021, 13, 91.	1.7	7
4	Polyvinylidene fluoride coated optical fibre for detecting perfluorinated chemicals. Sensors and Actuators B: Chemical, 2020, 312, 128006.	7.8	24
5	Good, better, best? The effects of polarization on photobiomodulation therapy. Journal of Biophotonics, 2020, 13, e201960230.	2.3	18
6	Fabry-Perot interferometric fibre optic temperature sensor with polyvinylidene fluoride (PVDF) coating. , 2019, , .		0
7	UiO-66 MOF end-face-coated optical fiber in aqueous contaminant detection. Optics Letters, 2016, 41, 1696.	3.3	33
8	Use of cross-relaxation for temperature sensing via a fluorescence intensity ratio. Sensors and Actuators A: Physical, 2015, 232, 8-12.	4.1	8
9	Investigation of erbium dopant distribution in silica optical fibers with fluorescence-based measurements using a near-field scanning microscope. Optical Engineering, 2014, 53, 126104.	1.0	2
10	Selective sensing of alcohols in water influenced by chemically Zeolite coatings on optical fiber sensors. Proceedings of SPIE, 2014, , .	0.8	1
11	Optical fibre Bragg gratings at harmonics of the Bragg wavelength and their sensing properties. Measurement Science and Technology, 2013, 24, 094008.	2.6	2
12	A localized surface plasmon resonance-based optical fiber sensor with sub-wavelength apertures. Applied Physics Letters, 2013, 103, 193116.	3.3	37
13	Effect of phase mask alignment on fiber Bragg grating spectra at harmonics of the Bragg wavelength. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2012, 29, 1597.	1.5	12
14	Uniformly thinned optical fibers produced via HF etching with spectral and microscopic verification. Applied Optics, 2012, 51, 2282.	1.8	24
15	Periodic array of nanoholes on gold-coated optical fiber end-faces for surface plasmon resonance liquid refractive index sensing. Proceedings of SPIE, 2012, , .	0.8	1
16	Understanding fiber Bragg gratings at harmonics of the Bragg wavelength through spectra and images. Proceedings of SPIE, 2012, , .	0.8	2
17	MFI-type zeolite functional liquid phase sensor coated on the optical fiber end-face. Proceedings of SPIE, 2012, , .	0.8	0
18	Modeling of Gold Circular Sub-Wavelength Apertures on a Fiber Endface for Refractive Index Sensing. Photonic Sensors, 2012, 2, 271-276.	5.0	6

#	Article	IF	Citations
19	Response of some pi-phase-shifted Bragg gratings to elevated pressure. Proceedings of SPIE, 2011, , .	0.8	3
20	Probing the erbium ion distribution in silica optical fibers with fluorescence based measurements. Journal of Non-Crystalline Solids, 2011, 357, 3847-3852.	3.1	2
21	Effect of phase mask misalignment on alternative type of pi-phase-shifted FBGs at twice the Bragg wavelength. , 2011, , .		0
22	Comparison of spectra and images of Bragg gratings written in three different optical fibres. , 2011, , .		2
23	Improving the radial dopant distribution in silica optical fibres. , 2010, , .		0
24	Transverse strain sensor based on etched phase-shifted fiber Bragg gratings. Proceedings of SPIE, 2010, , .	0.8	0
25	Temperature independent bend measurement using a pi-phase shifted FBG at twice the Bragg wavelength. Proceedings of SPIE, 2010, , .	0.8	6
26	Multipoint optic refractive index sensor for liquids. , 2009, , .		1
27	Multipoint refractive index sensor for liquids based on optical fiber Bragg-gratings. Proceedings of SPIE, 2009, , .	0.8	2
28	Response of fiber Bragg grating transmission dips at twice the Bragg wavelength to transverse strain. , 2009, , .		1
29	Index mapping for fibers with symmetric and asymmetric refractive index profiles. Optics Express, 2008, 16, 10912.	3.4	12
30	Investigation of dopant profiles in erbium doped optical fibres by ion microprobe and fluorescence confocal microscopy. , 2006, , .		0
31	Simultaneous multidopant investigation of rare-earth-doped optical fibers by an ion microprobe. Optics Letters, 2006, 31, 3258.	3.3	9
32	Micro-characterisation of erbium-doped fibers using a Raman confocal microscope. Optics Express, 2005, 13, 5506.	3.4	7
33	Effects of high-temperature heat treatment on Nd3+-doped optical fibers for use in fluorescence intensity ratio based temperature sensing. Review of Scientific Instruments, 2003, 74, 3524-3530.	1.3	24