

Jos Lus Fabris

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/301363/jose-luis-fabris-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53

papers

616

citations

12

h-index

23

g-index

81

ext. papers

757

ext. citations

2.6

avg, IF

3.47

L-index

#	Paper	IF	Citations
53	Protein-Bound Uremic Toxins Quantification by a Colorimetric Sensor Based on the Oxidation of Silver Nanoparticles. <i>IEEE Sensors Journal</i> , 2021 , 1-1	4	0
52	Double-slit interference with a caliper. <i>Physics Education</i> , 2020 , 55, 043004	0.8	1
51	Tuning of Citrate-Stabilized Laser Ablated Silver Nanoparticles for Glyphosate Detection. <i>IEEE Sensors Journal</i> , 2020 , 20, 1843-1850	4	4
50	Multiplexing Optical Fiber Macro-Bend Load Sensors. <i>Journal of Lightwave Technology</i> , 2019 , 37, 4858-4863	4.63	1
49	Promoting optical fibre sensor technology with educational experimental setup. <i>Physics Education</i> , 2019 , 54, 045005	0.8	1
48	A Smartphone Based Fiber Sensor for Recognizing Walking Patterns. <i>IEEE Sensors Journal</i> , 2019 , 19, 9782-9789	4.63	1
47	Functionalized Long Period Grating Plasmonic Fiber Sensor Applied to the Detection of Glyphosate in Water. <i>Journal of Lightwave Technology</i> , 2018 , 36, 863-870	4	15
46	Tactile Sensor Array with Fiber Bragg Gratings in Quasi-Distributed Sensing. <i>Journal of Sensors</i> , 2018 , 2018, 1-8	2	5
45	Smartphone Technology Applied in an Approach for Multiplexing of Fibre Optic Intensity-Modulated Macro-Bend Based Sensors 2018 ,		1
44	Sparse Force Mapping System Based on Compressive Sensing. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2017 , 66, 830-836	5.2	12
43	Functionalization of a long period grating coated with gold nanoparticles for glyphosate detection 2017 ,		1
42	Fabrication and characterization of fiber Bragg grating based sensors for force measurements 2017 ,		2
41	Spectroscopic Detection of Glyphosate in Water Assisted by Laser-Ablated Silver Nanoparticles. <i>Sensors</i> , 2017 , 17,	3.8	11
40	Guest Editorial on the Special Issue for Optical Fibre Sensors. <i>Journal of Lightwave Technology</i> , 2016 , 34, 4419-4420	4	
39	An approach to improve the spatial resolution of a force mapping sensing system. <i>Measurement Science and Technology</i> , 2016 , 27, 025103	2	5
38	Light-Assisted Detection of Methanol in Contaminated Spirits. <i>Journal of Lightwave Technology</i> , 2016 , 34, 4499-4505	4	7
37	Matching long-period grating modes and localized plasmon resonances: effect on the sensitivity of the grating to the surrounding refractive index. <i>Applied Optics</i> , 2016 , 55, 8979-8985	0.2	6

36	Plasmonic optical fiber sensors: enhanced sensitivity in water-based environments. <i>Applied Optics</i> , 2015 , 54, 8192-7	0.2	11
35	Optical-Ultrasonic Heterogeneous Sensor Based on Soft-Computing Models. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2015 , 64, 2338-2346	5.2	8
34	Etched FBG written in multimode fibers: sensing characteristics and applications in the liquid fuels sector. <i>Journal of Microwaves, Optoelectronics and Electromagnetic Applications</i> , 2015 , 14, 51-59	0.7	11
33	Fiber optic sensor for methanol quantification in biodiesel 2014 ,		1
32	Optical fiber sensor temperature coded for concentration measurement of oilBiodiesel blends. <i>Optical Fiber Technology</i> , 2013 , 19, 543-548	2.4	1
31	Smart optical fiber sensor for impact localization on planar structures 2013 ,		2
30	Metrological Evaluation of Optical Fiber Grating-Based Sensors: An Approach Towards the Standardization. <i>Journal of Lightwave Technology</i> , 2012 , 30, 1042-1052	4	31
29	Tailoring fiber grating sensors for assessment of highly refractive fuels. <i>Applied Optics</i> , 2012 , 51, 2015-22.7		6
28	Sensing biodiesel and biodiesel-petrodiesel blends 2012 ,		1
27	FBG refractometry and electrical impedance analysis in fuel samples characterization 2011 ,		2
26	Control of the long period grating spectrum through low frequency flexural acoustic waves. <i>Measurement Science and Technology</i> , 2011 , 22, 045205	2	11
25	Etched fiber bragg gratings sensors for water-ethanol mixtures: a comparative study. <i>Journal of Microwaves, Optoelectronics and Electromagnetic Applications</i> , 2010 , 9, 131-143	0.7	30
24	Fiber Bragg grating sensor to monitor stress kinetics in drying process of commercial latex paints. <i>Sensors</i> , 2010 , 10, 4761-76	3.8	6
23	Refractometric optical fiber sensor for measurement of ethanol concentration in ethanol-gasoline blend 2009 ,		7
22	Bending sensing characteristics of long-period gratings UV-point-by-point induced in non-birefringent fibres 2009 ,		1
21	Thermal characteristics of long-period gratings 266 nm UV-point-by-point induced. <i>Optics Communications</i> , 2009 , 282, 816-823	2	12
20	Determination of thermo-optic coefficient in liquids with fiber Bragg grating refractometer. <i>Optics Communications</i> , 2008 , 281, 621-625	2	80
19	Alternative technique for biodiesel quality control using an optical fiber long-period grating sensor. <i>Quimica Nova</i> , 2007 , 30, 1677-1680	1.6	11

18	Bending sensitivity dependent on the phase shift imprinted in long-period fibre gratings. <i>Measurement Science and Technology</i> , 2007 , 18, 3123-3130	2	7
17	Influence of the surrounding refractive index on the thermal and strain sensitivities of a cascaded long period grating. <i>Measurement Science and Technology</i> , 2007 , 18, 3111-3116	2	14
16	Influence of surrounding media refractive index on the thermal and strain sensitivities of long-period gratings. <i>Applied Optics</i> , 2007 , 46, 2831-7	1.7	9
15	Thermal characterization of etched FBG for applications in oil and gas sector 2007 ,		1
14	Nonlinear Temperature Dependence of Etched Fiber Bragg Gratings. <i>IEEE Sensors Journal</i> , 2007 , 7, 1358-1359	4	5
13	Two-channel CWDM OADM Based on Large Bandwidth Fibre Bragg Gratings 2006 ,		1
12	Optical inclinometer based on a single long-period fiber grating combined with a fused taper. <i>Optics Letters</i> , 2006 , 31, 2960-2	3	82
11	Refractometric sensor based on a phase-shifted long-period fiber grating. <i>Applied Optics</i> , 2006 , 45, 5066-5072	1.7	46
10	Arc-induced long-period gratings in aluminosilicate glass fibers. <i>Optics Letters</i> , 2005 , 30, 2065-7	3	32
9	Fiber optic sensors for hydrocarbon detection. <i>Sensors and Actuators B: Chemical</i> , 2005 , 105, 430-436	8.5	72
8	Um experimento simples usado na produção de placas de zonas de Fresnel. <i>Revista Brasileira De Ensino De Fisica</i> , 2005 , 27, 603-608	0.4	1
7	Optical bend sensor based on a long-period fiber grating monitored by an optical time-domain reflectometer. <i>Optical Engineering</i> , 2005 , 44, 110502	1.1	12
6	CR (III) and CR (VI) detection in water environment using an optical fiber grating sensor 2004 ,		4
5	Optical fiber sensor for gasoline blend quality control 2004 , 5622, 194		
4	Development of Bragg grating sensors at CEFET-PR. <i>Optics and Lasers in Engineering</i> , 2003 , 39, 511-523	4.6	2
3	Production and characterization of refractive index gratings in high-birefringence fibre optics. <i>Optics and Lasers in Engineering</i> , 2003 , 39, 537-548	4.6	11
2	Modeling and production of high-birefringence FOBG sensors 2001 ,		2
1	Excitation characteristics of a wire-preionized, ultraviolet nitrogen laser. <i>Optics Communications</i> , 1988 , 66, 140-144	2	3

