

# Jes s Palac -

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

392  
citations

1040056

9  
h-index

752698

20  
g-index

36  
all docs

36  
docs citations

36  
times ranked

446  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-meridian corneal imaging of air-puff induced deformation for improved detection of biomechanical abnormalities. Biomedical Optics Express, 2020, 11, 6337.	2.9	28
2	Customized swept-source optical coherence tomography system for air-puff induced corneal deformation imaging on multiple meridians (Conference Presentation). , 2020, , .		0
3	VCSEL-Based Optical Frequency Combs: Study of its Polarization Dynamics under Gain Switching and Polarization Selective Optical Injection Locking. , 2018, , .		2
4	IDENTIFICATION OF THE FACTORS THAT OPTIMIZE THE RESULTS OF CONTINUOUS EVALUATION IN HIGHER EDUCATION. , 2018, , .		0
5	RELATIONSHIP BETWEEN THE RESULTS OF THE CONTINUOUS ASSESSMENT PROCESS AND THE FINAL PERFORMANCE OF THE UNIVERSITY STUDENT: FINDING THE EXPECTATIONS. , 2018, , .		0
6	VCSEL-based optical frequency combs under parallel, orthogonal and combined optical injection locking: Study of dual-polarization dynamics. , 2017, , .		0
7	Disminuci3n del rendimiento acad3mico con el Plan Bolonia respecto al plan anterior en Espa±a. Revista Complutense De Educacion, 2016, 27, 633-651.	0.7	3
8	Group delay and dispersion tailoring in nonadiabatic tapered fibers. Optical Fiber Technology, 2016, 31, 130-133.	2.7	1
9	Low-cost refractive index and strain sensor based on tapered fibers. Optics Communications, 2016, 361, 99-103.	2.1	7
10	Nonlinear effects generation in non-adiabatically tapered fibres. Optical Fiber Technology, 2015, 26, 172-175.	2.7	0
11	Biconical Tapered Fibers Manipulation for Refractive Index and Strain Sensing Applications. IEEE Sensors Journal, 2015, 15, 1331-1335.	4.7	10
12	All-Fiber Centralized Architecture for Parallel Terahertz Sensors. IEEE Transactions on Terahertz Science and Technology, 2015, 5, 137-144.	3.1	10
13	Curvature investigation in tapered fibers and its application to sensing and mode conversion. Optics and Lasers in Engineering, 2015, 74, 109-113.	3.8	7
14	Terahertz transceiver concept. Optics Express, 2014, 22, 16841.	3.4	16
15	Tunable optical delay line based on single-sideband suppressed-carrier modulation. IEEE Photonics Technology Letters, 2013, 25, 43-46.	2.5	3
16	Amplified optical fiber link for remote generation of THz radiation. , 2013, , .		1
17	Cascaded Four-Wave Mixing for Microwave Photonic Harmonic Multiplication. IEEE Photonics Technology Letters, 2013, 25, 100-103.	2.5	5
18	All-fiber processing of terahertz-bandwidth signals based on cascaded tapered fibers. Optics Letters, 2013, 38, 4954.	3.3	6

#	ARTICLE	IF	CITATIONS
19	Control of terahertz emission in photoconductive antennas through an additional optical continuous wave. <i>Optics Letters</i> , 2013, 38, 3123.	3.3	7
20	Terahertz radiation shaping based on optical spectrum modulation in the time domain. <i>Optics Express</i> , 2012, 20, 23117.	3.4	2
21	Reconfigurable Photonic Microwave Filter Based on Four-Wave Mixing. <i>IEEE Photonics Journal</i> , 2012, 4, 759-764.	2.0	19
22	SOA-based optical processing for terahertz time-domain spectroscopy. <i>Electronics Letters</i> , 2012, 48, 593.	1.0	0
23	Ultra-short pulse shaping based on time-domain spectrum modulation in a semiconductor optical amplifier. , 2012, , .		0
24	Terahertz Radiation Shaping Based on Third-Order Dispersion and Self-Phase Modulation in Standard Single-Mode Optical Fiber. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2012, 33, 605-614.	2.2	3
25	Distributed THz transmitter/receiver based on a 1.5 &#x03BC;m fiber link. , 2011, , .		0
26	Phase and Amplitude Stability of EHF-Band Radar Carriers Generated From an Active Mode-Locked Laser. <i>Journal of Lightwave Technology</i> , 2011, 29, 3551-3559.	4.6	42
27	EAM-SOA millimeter-wave frequency up-converter for radio-over-fiber applications. <i>Optics Communications</i> , 2011, 284, 98-102.	2.1	6
28	Tunable and reconfigurable narrow-band THz generation using photoconductive antennas and chirped-pulse mixing. , 2011, , .		0
29	High frequency microwave signal generation using dual-wavelength emission of cascaded DFB fiber lasers with wavelength spacing tunability. <i>Optics Communications</i> , 2010, 283, 5165-5168.	2.1	7
30	Single Bandpass Photonic Microwave Filter Based on a Notch Ring Resonator. <i>IEEE Photonics Technology Letters</i> , 2010, 22, 1276-1278.	2.5	112
31	Tunable Photonic Microwave Filter With Single Bandpass Based on a Phase-Shifted Fiber Bragg Grating. <i>IEEE Photonics Technology Letters</i> , 2010, 22, 1467-1469.	2.5	23
32	Dual-Wavelength DFB Erbium-Doped Fiber Laser With Tunable Wavelength Spacing. <i>IEEE Photonics Technology Letters</i> , 2010, 22, 254-256.	2.5	55
33	Stable optically generated RF signals from a fibre mode-locked laser. , 2010, , .		6
34	Performance Analysis of Photonic Vector Modulation Techniques for Multi-Gb/s Wireless Links. <i>Journal of Lightwave Technology</i> , 2008, 26, 2684-2691.	4.6	4
35	Photonic vector demodulation of 2.5 Gbit/s QAM modulated wireless signals. , 2008, , .		4
36	Photonic envelope detector for broadband wireless signals using a single Mach-Zehnder modulator and a fibre Bragg grating. , 2008, , .		3