

Joaquin Perez

List of Publications by Year in descending order

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57
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57
times ranked

759
citing authors

#	ARTICLE	IF	CITATIONS
1	RF Acquisition System Based on $\hat{1}/4$ TCA for Testing of High-Gradient Acceleration Cavities. Electronics (Switzerland), 2022, 11, 720.	3.1	0
2	AIR QUALITY DETECTION AND ALERT SYSTEM AS PREVENTING COVID-19 TRANSMISSION METHOD IN EDUCATIONAL CENTERS. INTED Proceedings, 2021, , .	0.0	0
3	EDUCATIONAL ROBOTICS PLATFORM BASED ON PSOC TECHNOLOGY FOR TEACHING ELECTRONIC INTEGRATED SYSTEMS. INTED Proceedings, 2021, , .	0.0	0
4	Design and Study of a Wide-Band Printed Circuit Board Near-Field Probe. Electronics (Switzerland), 2021, 10, 2201.	3.1	10
5	On the Use of Composite Indicators for Mobile Communications Network Management in Smart Sustainable Cities. Applied Sciences (Switzerland), 2021, 11, 181.	2.5	4
6	Performance Study of Split Ferrite Cores Designed for EMI Suppression on Cables. Electronics (Switzerland), 2020, 9, 1992.	3.1	10
7	Girls4STEM: Gender Diversity in STEM for a Sustainable Future. Sustainability, 2020, 12, 6051.	3.2	36
8	Application of Radio Environment Map Reconstruction Techniques to Platoon-based Cellular V2X Communications. Sensors, 2020, 20, 2440.	3.8	7
9	Wireless Energy and Information Transmission in FSO and RF-FSO Links. IEEE Wireless Communications Letters, 2018, 7, 90-93.	5.0	27
10	On the evaluation of an optical OFDM radio over FSO system with IM-DD for high-speed indoor communications. , 2017, , .		9
11	Combined effect of turbulence and aerosol on free-space optical links. Applied Optics, 2017, 56, 336.	2.1	31
12	Characterization of dual-polarization analogue radio over fiber fronthaul for LTE C-RAN architecture. , 2016, , .		2
13	Analyses of dual polarization WDM and SCM Radio over Fiber and Radio over FSO for C-RAN architecture. , 2016, , .		6
14	Continuous Broadband MWP True-Time Delay With PbS-PMMA and PbS-SU8 Waveguides. IEEE Photonics Technology Letters, 2016, 28, 1657-1660.	2.5	3
15	Polarization RIN of VCSEL subject to modulation signal with variable polarization angle of optical feedback. , 2015, , .		0
16	MWP true time delay implemented in PbS-SU8 waveguides. , 2015, , .		0
17	Indoor free space optics link under the weak turbulence regime: measurements and model validation. IET Communications, 2015, 9, 62-70.	2.2	13
18	Characterisation of DNA biopolymer-based UV photodetector fabricated by inkjet printing. Electronics Letters, 2015, 51, 778-780.	1.0	9

#	ARTICLE	IF	CITATIONS
19	MWP phase shifters integrated in PbS-SU8 waveguides. Optics Express, 2015, 23, 14351.	3.4	11
20	Error mitigation using RaptorQ codes in an experimental indoor free space optical link under the influence of turbulence. IET Communications, 2015, 9, 1800-1806.	2.2	3
21	Polarization Division Multiplexing of OFDM Radio-over-Fiber Signals in Passive Optical Networks. Advances in Optical Technologies, 2014, 2014, 1-9.	0.8	27
22	Investigation of data encryption impact on broadcasting visible light communications. , 2014, , .		7
23	Experimental characterization and mitigation of turbulence induced signal fades within an ad hoc FSO network. Optics Express, 2014, 22, 3208.	3.4	44
24	Hybrid UWB and WiMAX radio-over-multi-mode fibre for in-building optical networks. Journal of Optics (United Kingdom), 2014, 16, 015401.	2.2	5
25	Hysteresis properties induced by variable polarization angle in the polarization switching of VCSELs. , 2014, , .		2
26	Multicore fiber opportunities for Centralized Radio Access Networks. , 2014, , .		3
27	On the performance of a linearized dual parallel Mach-Zehnder electro-optic modulator. Optics Communications, 2014, 318, 212-215.	2.1	10
28	Laboratory and outdoor availability and spatial coherence tests of wireless optical links. , 2013, , .		1
29	Enhancing the Atmospheric Visibility and Fog Attenuation Using a Controlled FSO Channel. IEEE Photonics Technology Letters, 2013, 25, 1262-1265.	2.5	51
30	Route diversity analyses for free-space optical wireless links within turbulent scenarios. Optics Express, 2013, 21, 7641.	3.4	22
31	Experimental validation of fog models for FSO under laboratory controlled conditions. , 2013, , .		16
32	Performance Analysis of Ethernet/Fast-Ethernet Free Space Optical Communications in a Controlled Weak Turbulence Condition. Journal of Lightwave Technology, 2012, 30, 2188-2194.	4.6	71
33	Analysis of fog and smoke attenuation in a free space optical communication link under controlled laboratory conditions. , 2012, , .		17
34	Comparison of 830 nm and 1550 nm based free space optical communications link under controlled fog conditions. , 2012, , .		18
35	Optimization of Optical Modulator for LTE RoF in Nonlinear Fiber Propagation. IEEE Photonics Technology Letters, 2012, 24, 617-619.	2.5	21
36	Ethernet FSO Communications Link Performance Study Under a Controlled Fog Environment. IEEE Communications Letters, 2012, 16, 408-410.	4.1	42

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37	A Fast Ethernet FSO Link Performance Under the Fog Controlled Environment. , 2011, , .		2
38	Effect of multi-channel MB-OFDM UWB radio-over-fiber transmission using polarization multiplexed distribution in FTTH networks. , 2010, , .		1
39	Joint Distribution of Polarization-Multiplexed UWB and WiMAX Radio in PON. Journal of Lightwave Technology, 2009, 27, 1912-1919.	4.6	16
40	Combined Analysis of OFDM-UWB Transmission in Hybrid Wireless-Optical Access Networks. IEEE Photonics Technology Letters, 2009, 21, 1378-1380.	2.5	6
41	Photonic generation and envelope detection of millimeter-wave ultra-wideband impulse-radio employing Mach-Zehnder modulators. , 2009, , .		5
42	Protection margins for joint operation of WiMAX 802.16e and WiMedia-defined UWB radio in personal area networks. , 2009, , .		3
43	Performance evaluation of OFDM and impulse-radio ultra-wideband over fiber distribution for in-building networks. , 2009, , .		4
44	Experimental Analysis of 3.5 GHz WiMAX 802.16e Interference in WiMedia-defined UWB Radio Transmissions. , 2009, , .		4
45	UMTS radio-over-fiber pico-cell interconnection employing uncooled DFB lasers for multi-mode fibre modulation bandwidth enhancement. , 2009, , .		1
46	Transmission of 1.2 Gbit/s Polarization-Multiplexed UWB Signals in PON with 0.76 Bit/s/Hz Spectral Efficiency. , 2009, , .		2
47	Ultra-Wideband Radio Signals Distribution in FTTH Networks. IEEE Photonics Technology Letters, 2008, 20, 945-947.	2.5	122
48	Integrated performance analysis of UWB wireless optical transmission in FTTH networks. , 2008, , .		1
49	Coexistence of WiMAX 802.16d and MB-OFDM UWB in radio over multi-mode fiber indoor systems. , 2008, , .		12
50	Impact of pilot tone-assisted equalization in Wimedia-defined OFDM-UWB signals transmission in FTTH networks. , 2008, , .		0
51	Photonic generation and frequency up-conversion of impulse-radio UWB signals. , 2008, , .		9
52	Optical Distribution of OFDM and Impulse-Radio UWB in FTTH networks. , 2008, , .		13
53	Long-term and Short-term Spectral Stability Characterization of Supercontinuum Laser Sources. , 2006, , .		0
54	Linear crosstalk spectral analysis in DWDM networks by a real-time optical Fourier transformer. , 2005, , .		0

#	ARTICLE	IF	CITATIONS
55	Aprendizaje basado en proyectos en los laboratorios de comunicaciones digitales. , 0, , .		0
56	Incorporando dispositivos de radio definida por software en la materia de Comunicaciones Digitales: del grupo piloto a la gran clase. , 0, , .		1