

# Juan Luis Corral

## List of Publications by Year in descending order

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28  
papers

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citations

1040056

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docs citations

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times ranked

221  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of Multi-Gigabit-per-Second MQAM/MPSK-Modulated Millimeter-Wave Carriers Employing Photonic Vector Modulator Techniques. <i>Journal of Lightwave Technology</i> , 2007, 25, 3350-3357.	4.6	20
2	Ten gigabits per second 16-level quadrature amplitude modulated millimeter-wave carrier generation using dual-drive Mach-Zehnder modulators incorporated photonic-vector modulator. <i>Optics Letters</i> , 2008, 33, 1833.	3.3	20
3	Real-time 2037 Gb/s optical OFDM receiver for PON IM/DD systems. <i>Optics Express</i> , 2018, 26, 18817.	3.4	20
4	All-optical WDM multi-tap microwave filter with flat bandpass. <i>Optics Express</i> , 2006, 14, 581.	3.4	19
5	Mode-Selective Couplers for Two-Mode Transmission at 850 nm in Standard SMF. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 425-428.	2.5	15
6	Dimensional variation tolerant mode converter/multiplexer fabricated in SOI technology for two-mode transmission at 1550 nm. <i>Optics Letters</i> , 2017, 42, 1221.	3.3	14
7	Bimodal grating coupler design on SOI technology for mode division multiplexing at 1550 nm. <i>Optics Express</i> , 2018, 26, 19445.	3.4	14
8	Mode Conversion for Mode Division Multiplexing at 850 nm in Standard SMF. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 929-932.	2.5	13
9	Low-Complexity Time Synchronization Algorithm for Optical OFDM PON System Using a Directly Modulated DFB Laser. <i>Journal of Optical Communications and Networking</i> , 2015, 7, 1025.	4.8	12
10	Linear Response Modeling of High Luminous Flux Phosphor-Coated White LEDs for VLC. <i>Journal of Lightwave Technology</i> , 2022, 40, 3761-3767.	4.6	6
11	Evaluation of optical ZP-OFDM transmission performance in multimode fiber links. <i>Optics Express</i> , 2014, 22, 1008.	3.4	5
12	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
13	Photonic vector demodulation of 2.5 Gbit/s QAM modulated wireless signals. , 2008, , .		4
14	Design of asymmetrical directional couplers on ridge and strip SOI technology with high-dimensional variation tolerance. <i>Optics Letters</i> , 2018, 43, 2491.	3.3	4
15	Generation of pure electrical quadrature amplitude modulation with photonic vector modulator. <i>Optics Letters</i> , 2008, 33, 1294.	3.3	3
16	Photonic envelope detector for broadband wireless signals using a single Mach-Zehnder modulator and a fibre Bragg grating. , 2008, , .		3
17	Demonstration of a spatially multiplexed multicore fibre-based next-generation radio-access cellular network. , 2015, , .		3
18	Modal selectivity at 850 nm employing standard single-mode couplers: Theory and experimental demonstration. <i>Optics Communications</i> , 2019, 436, 248-252.	2.1	3

#	ARTICLE	IF	CITATIONS
19	On the Performance and Power Consumption of Bias-T Based Drivers for High Speed VLC. Journal of Lightwave Technology, 2022, 40, 6078-6086.	4.6	3
20	Photonic switched beamformer implementation for broadband wireless access in transmission and reception modes at 42.7GHz. Optics Communications, 2005, 249, 441-449.	2.1	2
21	Combined Data Detection Scheme for Zero-Padded OFDM Signals in MMF Links. IEEE Photonics Technology Letters, 2015, 27, 1753-1756.	2.5	2
22	Spatial division multiplexing in the short and medium range: From the datacenter to the fronthaul. , 2017, , .		2
23	Analysis of hybrid modulation techniques in MZ-EOM-based photonic mixers to overcome dispersion-induced power penalty in up-converting millimeter-wave fiber-optic links. Microwave and Optical Technology Letters, 1999, 23, 127-129.	1.4	1
24	Few-mode optical transmission systems in the visible band. , 2014, , .		1
25	Transmission of Optically Generated 1.25 Gb/s QAM Wireless Signals in a Dynamically Reconfigurable Optical WDM Network. , 2009, , .		0
26	Combined data detection scheme for zero padded OFDM signals in MMF links. , 2015, , .		0
27	Mode Multiplexing and Demultiplexing by a Standard Single-Mode Coupler for 850 nm Few-Mode Transmission Systems. , 2017, , .		0
28	MIMO Equalization for Two-Mode Division Multiplexing over Standard SMF at 850 nm. , 2017, , .		0