

# Juan Luis Corral

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7591668/publications.pdf>

Version: 2024-02-01

28  
papers

193  
citations

1040056

9  
h-index

1125743

13  
g-index

28  
all docs

28  
docs citations

28  
times ranked

221  
citing authors

#	ARTICLE	IF	CITATIONS
1	Linear Response Modeling of High Luminous Flux Phosphor-Coated White LEDs for VLC. Journal of Lightwave Technology, 2022, 40, 3761-3767.	4.6	6
2	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
3	Modal selectivity at 850nm employing standard single-mode couplers: Theory and experimental demonstration. Optics Communications, 2019, 436, 248-252.	2.1	3
4	Bimodal grating coupler design on SOI technology for mode division multiplexing at 1550 nm. Optics Express, 2018, 26, 19445.	3.4	14
5	Design of asymmetrical directional couplers on ridge and strip SOI technology with high-dimensional variation tolerance. Optics Letters, 2018, 43, 2491.	3.3	4
6	Real-time 2037 Gb/s optical OFDM receiver for PON IM/DD systems. Optics Express, 2018, 26, 18817.	3.4	20
7	Mode Conversion for Mode Division Multiplexing at 850 nm in Standard SMF. IEEE Photonics Technology Letters, 2017, 29, 929-932.	2.5	13
8	Spatial division multiplexing in the short and medium range: From the datacenter to the fronthaul. , 2017, , .		2
9	Mode Multiplexing and Demultiplexing by a Standard Single-Mode Coupler for 850 nm Few-Mode Transmission Systems. , 2017, , .		0
10	Dimensional variation tolerant mode converter/multiplexer fabricated in SOI technology for two-mode transmission at 1550nm. Optics Letters, 2017, 42, 1221.	3.3	14
11	MIMO Equalization for Two-Mode Division Multiplexing over Standard SMF at 850 nm. , 2017, , .		0
12	Mode-Selective Couplers for Two-Mode Transmission at 850 nm in Standard SMF. IEEE Photonics Technology Letters, 2016, 28, 425-428.	2.5	15
13	Combined data detection scheme for zero padded OFDM signals in MMF links. , 2015, , .		0
14	Combined Data Detection Scheme for Zero-Padded OFDM Signals in MMF Links. IEEE Photonics Technology Letters, 2015, 27, 1753-1756.	2.5	2
15	Low-Complexity Time Synchronization Algorithm for Optical OFDM PON System Using a Directly Modulated DFB Laser. Journal of Optical Communications and Networking, 2015, 7, 1025.	4.8	12
16	Demonstration of a spatially multiplexed multicore fibre-based next-generation radio-access cellular network. , 2015, , .		3
17	Evaluation of optical ZP-OFDM transmission performance in multimode fiber links. Optics Express, 2014, 22, 1008.	3.4	5
18	Few-mode optical transmission systems in the visible band. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	Transmission of Optically Generated 1.25 Gb/s QAM Wireless Signals in a Dynamically Reconfigurable Optical WDM Network. , 2009, , .		0
20	Generation of pure electrical quadrature amplitude modulation with photonic vector modulator. Optics Letters, 2008, 33, 1294.	3.3	3
21	Ten gigabits per second 16-level quadrature amplitude modulated millimeter-wave carrier generation using dual-drive Mach-Zehnder modulators incorporated photonic-vector modulator. Optics Letters, 2008, 33, 1833.	3.3	20
22	Performance Analysis of Photonic Vector Modulation Techniques for Multi-Gb/s Wireless Links. Journal of Lightwave Technology, 2008, 26, 2684-2691.	4.6	4
23	Photonic vector demodulation of 2.5 Gbit/s QAM modulated wireless signals. , 2008, , .		4
24	Photonic envelope detector for broadband wireless signals using a single Mach-Zehnder modulator and a fibre Bragg grating. , 2008, , .		3
25	Generation of Multi-Gigabit-per-Second MQAM/MPSK-Modulated Millimeter-Wave Carriers Employing Photonic Vector Modulator Techniques. Journal of Lightwave Technology, 2007, 25, 3350-3357.	4.6	20
26	All-optical WDM multi-tap microwave filter with flat bandpass. Optics Express, 2006, 14, 581.	3.4	19
27	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
28	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