

RubÃ©n Alemany

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

261
citations

2258059

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2272923

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13
docs citations

13
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503
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermo-Optic Phase Tuners Analysis and Design for Process Modules on a Silicon Nitride Platform. Photonics, 2021, 8, 496.	2.0	4
2	Silicon Nitride Photonic Integration Platforms for Visible, Near-Infrared and Mid-Infrared Applications. Sensors, 2017, 17, 2088.	3.8	202
3	Radio Frequency Transparent Demodulation for Broadband Wireless Links. , 2010, , .		8
4	Multi-gigabit wireless over fibre links employing photonics downconversion and digital coherent detection. , 2010, , .		1
5	16 Gb/s QPSK Wireless-over-Fibre link in 75–110GHz band employing optical heterodyne generation and coherent detection. , 2010, , .		9
6	Differential phase modulated hybrid wireless/wireline links based on Optical Phase Modulation and Demodulation. , 2010, , .		0
7	Radio-Frequency Transparent Demodulation for Broadband Hybrid Wireless-Optical Links. IEEE Photonics Technology Letters, 2010, 22, 784-786.	2.5	15
8	100-GHz Wireless-Over-Fiber Links With Up to 16-Gb/s QPSK Modulation Using Optical Heterodyne Generation and Digital Coherent Detection. IEEE Photonics Technology Letters, 2010, , .	2.5	19
9	100 GHz Wireless On-Off-Keying Link Employing all Photonic RF Carrier Generation and Digital Coherent Detection. , 2010, , .		1
10	UMTS radio-over-fiber pico-cell interconnection employing low-cost VCSELs and multi-mode fibre. , 2009, , .		0
11	UMTS radio-over-fiber pico-cell interconnection employing uncooled DFB lasers for multi-mode fibre modulation bandwidth enhancement. , 2009, , .		1
12	Simultaneous transmission of W-CDMA and WIMAX signals over 300 m 50 μm multimode fibres using low cost 850 nm devices. , 2008, , .		0
13	Full-duplex Wireless GbE Field Trial Employing Radio-over-Fiber Technologies. , 2007, , .		1