

Pablo Wilke Berenguer

List of Publications by Year in descending order

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26
papers

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citations

1163117

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12
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26
all docs

26
docs citations

26
times ranked

422
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear Digital Pre-distortion of Transmitter Components. Journal of Lightwave Technology, 2016, 34, 1739-1745.	4.6	103
2	Optical Wireless MIMO Experiments in an Industrial Environment. IEEE Journal on Selected Areas in Communications, 2018, 36, 185-193.	14.0	68
3	Real-Time Optical Wireless Mobile Communication With High Physical Layer Reliability. Journal of Lightwave Technology, 2019, 37, 1638-1646.	4.6	29
4	Generation, Transmission, and Detection of 4-D Set-Partitioning QAM Signals. Journal of Lightwave Technology, 2015, 33, 1445-1451.	4.6	28
5	Digital pre-compensation techniques enabling high-capacity bandwidth variable transponders. Optics Communications, 2018, 409, 52-65.	2.1	24
6	Experiments in Non-Line-of-Sight Li-Fi Channels. , 2019, , .		19
7	Channel measurement campaigns for wireless industrial automation. Automatisierungstechnik, 2019, 67, 7-28.	0.8	17
8	Improving Achievable Information Rates of 64-GBd PDM-64QAM by Nonlinear Transmitter Predisortion. , 2018, , .		16
9	The benefit of frequency-selective rate adaptation for optical wireless communications. , 2016, , .		15
10	Experimental Investigation of a Four-Dimensional 256-ary Lattice-based Modulation Format. , 2015, , .		14
11	A Physical Layer for Low Power Optical Wireless Communications. IEEE Transactions on Green Communications and Networking, 2021, 5, 4-17.	5.5	13
12	Four-Dimensional Trellis Coded Modulation for Flexible Optical Communications. Journal of Lightwave Technology, 2017, 35, 152-158.	4.6	12
13	Impact of Brillouin Backscattering on Signal Distortions in Single-Fiber Diversity Loop Based Polarization-Insensitive FOPAs. Journal of Lightwave Technology, 2017, 35, 4137-4144.	4.6	8
14	Real-Time Optical Wireless Communication: Field-Trial in an Industrial Production Environment. , 2018, , .		8
15	Transmission Performance of 4D 128SP-QAM With Forward Error Correction Coding. IEEE Photonics Technology Letters, 2015, 27, 744-747.	2.5	7
16	Low-Complexity Equalization Scheme for Multicarrier Offset-QAM Systems. IEEE Photonics Technology Letters, 2017, 29, 2075-2078.	2.5	7
17	Optical wireless communications in industrial production environments. , 2017, , .		7
18	Distributed MIMO Experiments for LiFi in a Conference Room. , 2020, , .		7

#	ARTICLE	IF	CITATIONS
19	Transmission of 512SP-QAM Nyquist-WDM signals. , 2014, , .		5
20	Nonlinear digital pre-distortion of transmitter components. , 2015, , .		5
21	Design of a secure software-defined access network for flexible Industry 4.0 manufacturing - The SESAM-project concept. , 2019, , .		4
22	Blind Adaptive Equalization for 6PolSK-QPSK Signals. , 2013, , .		3
23	Optimization of Subcarrier Spacing of 400-Gb/s Dual-Carrier Nyquist PDM-16QAM in a Flexgrid Scenario. , 2013, , .		2
24	DAC-Free 320 Gb/s 2-Carrier Nyquist-Space DP PAM-4 Transmission by Resonant InP MZM. IEEE Photonics Technology Letters, 2016, 28, 775-777.	2.5	2
25	Advanced Physical Layer Design for Li-Fi in the Industrial Internet of Things. , 2019, , .		2
26	Digital Pre-Distortion Techniques for Next Generation Bandwidth Variable Transponders. , 2016, , .		1