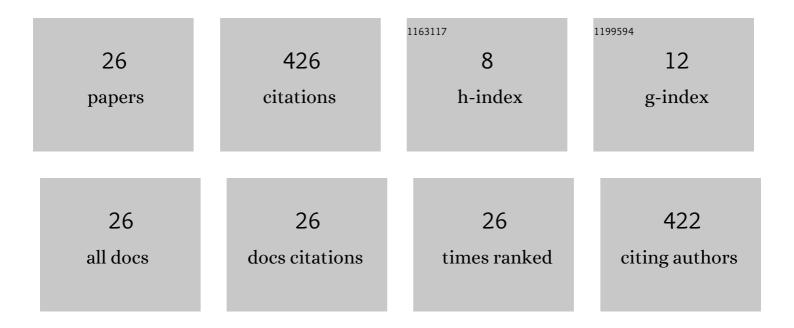
Pablo Wilke Berenguer

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A Physical Layer for Low Power Optical Wireless Communications. IEEE Transactions on Green Communications and Networking, 2021, 5, 4-17. | 5.5 | 13 |
| 2 | Distributed MIMO Experiments for LiFi in a Conference Room. , 2020, , . | | 7 |
| 3 | Experiments in Non-Line-of-Sight Li-Fi Channels. , 2019, , . | | 19 |
| 4 | Real-Time Optical Wireless Mobile Communication With High Physical Layer Reliability. Journal of Lightwave Technology, 2019, 37, 1638-1646. | 4.6 | 29 |
| 5 | Design of a secure software-defined access network for flexible Industry 4.0 manufacturing - The SESAM-project concept. , 2019, , . | | 4 |
| 6 | Channel measurement campaigns for wireless industrial automation. Automatisierungstechnik, 2019, 67, 7-28. | 0.8 | 17 |
| 7 | Advanced Physical Layer Design for Li-Fi in the Industrial Internet of Things. , 2019, , . | | 2 |
| 8 | Optical Wireless MIMO Experiments in an Industrial Environment. IEEE Journal on Selected Areas in Communications, 2018, 36, 185-193. | 14.0 | 68 |
| 9 | Digital pre-compensation techniques enabling high-capacity bandwidth variable transponders. Optics Communications, 2018, 409, 52-65. | 2.1 | 24 |
| 10 | Real-Time Optical Wireless Communication: Field-Trial in an Industrial Production Environment. , 2018, | | 8 |
| 11 | Improving Achievable Information Rates of 64-GBd PDM-64QAM by Nonlinear Transmitter Predistortion. , 2018, , . | | 16 |
| 12 | 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 |
| 13 | Four-Dimensional Trellis Coded Modulation for Flexible Optical Communications. Journal of Lightwave Technology, 2017, 35, 152-158. | 4.6 | 12 |
| 14 | Low-Complexity Equalization Scheme for Multicarrier Offset-QAM Systems. IEEE Photonics Technology Letters, 2017, 29, 2075-2078. | 2.5 | 7 |
| 15 | Optical wireless communications in industrial production environments. , 2017, , . | | 7 |
| 16 | The benefit of frequency-selective rate adaptation for optical wireless communications. , 2016, , . | | 15 |
| 17 | Nonlinear Digital Pre-distortion of Transmitter Components. Journal of Lightwave Technology, 2016, 34, 1739-1745. | 4.6 | 103 |
| 18 | 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 |

2

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Digital Pre-Distortion Techniques for Next Generation Bandwidth Variable Transponders. , 2016, , . | | 1 |
| 20 | Experimental Investigation of a Four-Dimensional 256-ary Lattice-based Modulation Format. , 2015, , . | | 14 |
| 21 | Transmission Performance of 4D 128SP-QAM With Forward Error Correction Coding. IEEE Photonics Technology Letters, 2015, 27, 744-747. | 2.5 | 7 |
| 22 | Nonlinear digital pre-distortion of transmitter components. , 2015, , . | | 5 |
| 23 | Generation, Transmission, and Detection of 4-D Set-Partitioning QAM Signals. Journal of Lightwave Technology, 2015, 33, 1445-1451. | 4.6 | 28 |
| 24 | Transmission of 512SP-QAM Nyquist-WDM signals. , 2014, , . | | 5 |
| 25 | Blind Adaptive Equalization for 6PolSK-QPSK Signals. , 2013, , . | | 3 |
| 26 | Optimization of Subcarrier Spacing of 400-Gb/s Dual-Carrier Nyquist PDM-16QAM in a Flexgrid Scenario. , 2013, , . | | 2 |