

Johannes K Fischer

List of Publications by Year in descending order

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17
papers

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citations

1040056

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17
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17
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641
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment on the Achievable Throughput of Multi-Band ITU-T G.652.D Fiber Transmission Systems. Journal of Lightwave Technology, 2020, 38, 4279-4291.	4.6	184
2	Next generation elastic optical networks: The vision of the European research project IDEALIST. , 2015, 53, 152-162.		111
3	Nonlinear Digital Pre-distortion of Transmitter Components. Journal of Lightwave Technology, 2016, 34, 1739-1745.	4.6	103
4	Bandwidth-Variable Transceivers based on Four-Dimensional Modulation Formats. Journal of Lightwave Technology, 2014, 32, 2886-2895.	4.6	70
5	Optical Wireless MIMO Experiments in an Industrial Environment. IEEE Journal on Selected Areas in Communications, 2018, 36, 185-193.	14.0	68
6	Real-Time Optical Wireless Mobile Communication With High Physical Layer Reliability. Journal of Lightwave Technology, 2019, 37, 1638-1646.	4.6	29
7	Generation, Transmission, and Detection of 4-D Set-Partitioning QAM Signals. Journal of Lightwave Technology, 2015, 33, 1445-1451.	4.6	28
8	DAC-Less 32-GBd PDM-256-QAM Using Low-Power InP IQ Segmented MZM. IEEE Photonics Technology Letters, 2017, 29, 221-223.	2.5	16
9	DSP-Based Link Tomography for Amplifier Gain Estimation and Anomaly Detection in C+L-Band Systems. Journal of Lightwave Technology, 2022, 40, 3395-3405.	4.6	13
10	Bayesian Optimization for Nonlinear System Identification and Pre-Distortion in Cognitive Transmitters. Journal of Lightwave Technology, 2021, 39, 5008-5020.	4.6	10
11	Two-Stage Coded Modulation for Hurwitz Constellations in Fiber-Optical Communications. Journal of Lightwave Technology, 2020, 38, 3135-3146.	4.6	9
12	Real-Time Optical Wireless Communication: Field-Trial in an Industrial Production Environment. , 2018, , .		8
13	Low-Complexity Equalization Scheme for Multicarrier Offset-QAM Systems. IEEE Photonics Technology Letters, 2017, 29, 2075-2078.	2.5	7
14	Characterization, Monitoring, and Mitigation of the I/Q Imbalance in Standard C-Band Transceivers in Multi-Band Systems. Journal of Lightwave Technology, 2022, 40, 3470-3478.	4.6	5
15	Evaluation of an Autonomous Digital Pre-distortion Scheme for Optical Multiband Systems. , 2021, , .		3
16	Coded Modulation for Four-Dimensional Signal Constellations with Concatenated Non-Binary Forward Error Correction. , 2020, , .		1
17	Impact of Wavelength-Dependent I/Q Imbalances of Standard C-Band Transceivers in Rate-Adaptive Multiband Systems. , 2021, , .		1