

Ian Phillips

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

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citations

1684188
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12
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12
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12
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	210 nm E, S, C and L Band Multistage Discrete Raman Amplifier. , 2022, , .		4
2	Cbaud QPSK E-band Transmission Using Bismuth Doped Fiber Amplifiers. , 2022, , .		0
3	Huffman-Coded Sphere Shaping for Extended-Reach Single-Span Links. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-15.	2.9	19
4	RIN induced penalties in G654E and G652D based distributed Raman amplifiers for coherent transmission systems. Optics Express, 2021, 29, 32081.	3.4	1
5	Experimental Analysis of Mismatched Soft-Demapping for Probabilistic Shaping in Short-Reach Nonlinear Transmission. , 2021, , .		0
6	Nonlinearity Tolerant LUT-Based Probabilistic Shaping for Extended-Reach Single-Span Links. IEEE Photonics Technology Letters, 2020, 32, 967-970.	2.5	17
7	High-capacity multi-span transmission performance characterization of broadband discrete Raman amplifier. Optics Express, 2020, 28, 18296.	3.4	5
8	Impact of pump-signal overlap in S+C+L band discrete Raman amplifiers. Optics Express, 2020, 28, 18440.	3.4	14
9	Performance Estimation of Discrete Raman Amplification within Broadband Optical Networks. , 2019, , .		9
10	Nonlinear Noise of Low Transmission Penalty Dual-Stage Discrete Raman Amplifier. IEEE Photonics Technology Letters, 2018, 30, 2076-2079.	2.5	0
11	Low transmission penalty dual-stage broadband discrete Raman amplifier. Optics Express, 2018, 26, 7091.	3.4	27
12	Impact of input FBG reflectivity and forward pump power on RIN transfer in ultralong Raman laser amplifiers. Optics Express, 2016, 24, 29170.	3.4	25