

Ian D Phillips

List of Publications by Year in descending order

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Version: 2024-02-01

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citing authors

#	ARTICLE	IF	CITATIONS
1	210 nm E, S, C and L Band Multistage Discrete Raman Amplifier. , 2022, , .		4
2	Gbaud 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	Experimental Analysis of Mismatched Soft-Demapping for Probabilistic Shaping in Short-Reach Nonlinear Transmission. , 2021, , .		0
5	Nonlinearity Tolerant LUT-Based Probabilistic Shaping for Extended-Reach Single-Span Links. IEEE Photonics Technology Letters, 2020, 32, 967-970.	2.5	17
6	Ultra-Wideband Raman Amplifiers for High Capacity Fibre-Optic Transmission Systems. , 2020, , .		2
7	Impact of pump-signal overlap in S+C+L band discrete Raman amplifiers. Optics Express, 2020, 28, 18440.	3.4	14
8	150nm SCL-Band Transmission through 70km SMF using Ultra-wideband Dual-stage Discrete Raman Amplifier. , 2020, , .		13
9	Evaluation of Performance Penalty from Pump-Signal Overlap in S+C+L band Discrete Raman Amplifiers. , 2020, , .		5
10	Noise Performance Improvement of Broadband Discrete Raman Amplifiers Using Dual Stage Distributed Pumping Architecture. Journal of Lightwave Technology, 2019, 37, 3665-3671.	4.6	16
11	Linear and Nonlinear Noise Characterisation of Dual Stage Broadband Discrete Raman Amplifiers. Journal of Lightwave Technology, 2019, 37, 3679-3688.	4.6	18
12	Receiver DSP highly tolerant to transmitter IQ impairments. , 2019, , .		4
13	Nonlinear Noise of Low Transmission Penalty Dual-Stage Discrete Raman Amplifier. IEEE Photonics Technology Letters, 2018, 30, 2076-2079.	2.5	0
14	Low transmission penalty dual-stage broadband discrete Raman amplifier. Optics Express, 2018, 26, 7091.	3.4	27
15	Amplifier-free 200-Gb/s tandem SSB doubly differential QPSK signal transmission over 80-km SSMF with simplified receiver-side DSP. Optics Express, 2018, 26, 8418.	3.4	7
16	224-Gb/s Carrier-Recovery-Free Doubly Differential 2ASK-8PSK for Short-Reach Optical Networks. IEEE Photonics Technology Letters, 2018, 30, 1463-1466.	2.5	1
17	Low penalty, dual stage, broadband discrete Raman amplifier for high capacity WDM metro networks. , 2018, , .		3
18	Performance characterization of high gain, high output power and low noise cascaded broadband discrete Raman amplifiers. , 2017, , .		10