Ian D Phillips

List of Publications by Year
in descending order

18	160	1307594 7	1588992 8
papers	citations	h-index	g-index

18	18	18	110
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low transmission penalty dual-stage broadband discrete Raman amplifier. Optics Express, 2018, 26, 7091.	3.4	27
2	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
3	Linear and Nonlinear Noise Characterisation of Dual Stage Broadband Discrete Raman Amplifiers. Journal of Lightwave Technology, 2019, 37, 3679-3688.	4.6	18
4	Nonlinearity Tolerant LUT-Based Probabilistic Shaping for Extended-Reach Single-Span Links. IEEE Photonics Technology Letters, 2020, 32, 967-970.	2.5	17
5	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
6	Impact of pump-signal overlap in S+C+L band discrete Raman amplifiers. Optics Express, 2020, 28, 18440.	3.4	14
7	150nm SCL-Band Transmission through 70km SMF using Ultra-wideband Dual-stage Discrete Raman Amplifier. , 2020, , .		13
8	Performance characterization of high gain, high output power and low noise cascaded broadband discrete Raman amplifiers. , 2017, , .		10
9	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
10	Evaluation of Performance Penalty from Pump-Signal Overlap in S+C+L band Discrete Raman Amplifiers. , 2020, , .		5
11	Receiver DSP highly tolerant to transmitter IQ impairments. , 2019, , .		4
12	210 nm E, S, C and L Band Multistage Discrete Raman Amplifier. , 2022, , .		4
13	Low penalty, dual stage, broadband discrete Raman amplifier for high capacity WDM metro networks. , 2018, , .		3
14	Ultra-Wideband Raman Amplifiers for High Capacity Fibre-Optic Transmission Systems. , 2020, , .		2
15	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
16	Nonlinear Noise of Low Transmission Penalty Dual-Stage Discrete Raman Amplifier. IEEE Photonics Technology Letters, 2018, 30, 2076-2079.	2.5	0
17	Experimental Analysis of Mismatched Soft-Demapping for Probabilistic Shaping in Short-Reach Nonlinear Transmission. , 2021, , .		0
18	Gbaud QPSK E-band Transmission Using Bismuth Doped Fiber Amplifiers. , 2022, , .		0