

Ian Phillips

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

121
citations

1684188
5
h-index

1720034
7
g-index

12
all docs

12
docs citations

12
times ranked

110
citing authors

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