

Sunish Kumar Orappanpara Soman

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

150
citations

1684188

5
h-index

1720034

7
g-index

12
all docs

12
docs citations

12
times ranked

156
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey on Fiber Nonlinearity Compensation for 400 Gb/s and Beyond Optical Communication Systems. IEEE Communications Surveys and Tutorials, 2017, 19, 3097-3113.	39.4	95
2	Enhanced Regular Perturbation-Based Nonlinearity Compensation Technique for Optical Transmission Systems. IEEE Photonics Journal, 2019, 11, 1-12.	2.0	17
3	Second-Order Perturbation Theory-Based Digital Predistortion for Fiber Nonlinearity Compensation. Journal of Lightwave Technology, 2021, 39, 5474-5485.	4.6	8
4	Perturbation Theory-Aided Learned Digital Back-Propagation Scheme for Optical Fiber Nonlinearity Compensation. Journal of Lightwave Technology, 2022, 40, 1981-1988.	4.6	8
5	A tutorial on fiber Kerr nonlinearity effect and its compensation in optical communication systems. Journal of Optics (United Kingdom), 2021, 23, 123502.	2.2	7
6	PDL Impact on Linearly Coded Digital Phase Conjugation Techniques in CO-OFDM Systems. IEEE Photonics Technology Letters, 2018, 30, 769-772.	2.5	5
7	Comparison of Short Blocklength Sphere Shaping and Nonlinearity Compensation in WDM Systems. IEEE Photonics Technology Letters, 2020, 32, 1435-1438.	2.5	4
8	Nonlinear Tolerance Enhancement Based on Perturbation Theory for Optical Phase Conjugation Systems. , 2020, , .		3
9	A study of four wave mixing effects in RF-Over-Fiber system. , 2014, , .		2
10	The analysis of M/M/r queuing model for fiber delay lines to resolve BLP in OBS networks. , 2013, , .		1
11	A spectrally-efficient linear polarization coding scheme for fiber nonlinearity compensation in CO-OFDM systems. , 2017, , .		0
12	A Joint Technique for Nonlinearity Compensation in CO-OFDM Superchannel Systems. , 2017, , .		0