JosÃ© Valdemir dos Reis Junior

List of Publications by Year
in descending order

25 papers	166 citations	1684188 5 h-index	1720034 7 g-index
27 all docs	27 docs citations	27 times ranked	92 citing authors

#	Article	IF	Citations
1	Analysis of High-Speed Optical Wavelength/Time CDMA Networks Using Pulse-Position Modulation and Forward Error Correction Techniques. Journal of Lightwave Technology, 2009, 27, 5134-5144.	4.6	33
2	A New Approach for Evaluating the BER of a Multirate, Multiclass OFFH-CDMA System. IEEE Communications Letters, 2012, 16, 259-261.	4.1	22
3	An adaptive data compression mechanism for smart meters considering a demand side management scenario. Journal of Cleaner Production, 2020, 255, 120190.	9.3	20
4	Fuzzy Logic Control for the Mitigation of Environmental Temperature Variations in OCDMA Networks. Journal of Optical Communications and Networking, 2015, 7, 480.	4.8	15
5	Performance Analysis of Single and Multirate FFH-OCDMA Networks Based on PSK Modulation Formats. Journal of Optical Communications and Networking, 2015, 7, 1084.	4.8	14
6	Influence of the MAI Distribution over the BER Evaluation in a Multirate, Multiclass OOC-OCDMA System. , 2011, , .		12
7	Performance evaluation of a multirate, multiclass OCDM/WDM optical packet switch. , 2011, , .		6
8	Multiservice, multirate IP transmission over OCDMA network. , 2013, , .		6
9	Mitigation of environmental temperature variation effects using fuzzy systems and source-matched spreading codes for OCDMA networks. , 2014, , .		5
10	Regenerator Assignment with circuit invigorating. Optical Switching and Networking, 2019, 34, 58-66.	2.0	5
11	Highly efficient FFH-OCDMA packet network with coherent advanced modulation formats. , 2014, , .		4
12	A Fuzzy solution to routing problem in Elastic Optical Networks. , 2016, , .		4
13	Energy efficiency analysis with different modulation formats in elastic optical networks. , 2017, , .		4
14	New Solution based on Fuzzy System for the IA-RMLSA Problem in Elastic Optical Network. , 2018, , .		4
15	Comparison between Mamdani and Sugeno fuzzy inference systems for the mitigation of environmental temperature variations in OCDMA-PONs. , 2015, , .		3
16	Planning and evaluation of translucent elastic optical networks in terms of cost-benefit. , 2017, , .		3
17	O Uso de um Aplicativo como Ferramenta para o Ensino de Conceitos de Climatologia em Escola PÃºblica do CearÃ¡. Revista Brasileira De Meteorologia, 2020, 35, 407-414.	0.5	2
18	Throughput evaluation of multirate, multiservice 2-D OCDMA packet networks. , 2014, , .		1

#	Article	IF	Citations
19	Multirate FFH-OCDMA networks based on coherent advanced modulation formats. , 2015, , .		1
20	BER performance improvement in FFH-OCDMA networks with BPSK modulation format. , 2016, , .		1
21	Circuit Reallocation Strategy Aware of the Physical Layer Effects for Elastic Optical Networks. , 2018, , .		1
22	Protection considering power consumption and physical layer impairments in dynamic elastic optical networks. , 2017, , .		0
23	CLASSIFICAÃ‡ÃƒO DOS CÃ“DIGOS OCDMA COM O USO DOS MAPAS AUTO-OTGANIZÃVEIS DE KOHONEN. Learning and Nonlinear Models, 2016, 14, 35-43.	0.2	0
24	Algoritmo de roteamento com balanceamento de carga adaptado a redes Ã³pticas elÃ¡sticas. Revista Brasileira De ComputaÃ§Ã£o Aplicada, 2017, 9, 97.	0.1	0
25	AVALIAÃ‡ÃƒO DE DESEMPENHO DE UM SISTEMA FUZZY NAS REDES Ã“PTICAS ELÃSTICAS CONSIDERANDO O PROBLEMA IA-RMLSA PARA A TOPOLOGIA USA. , 0, , .		0