

Raúl Fernando Rodríguez-Rubio

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8760033/publications.pdf>

Version: 2024-02-01

27
papers

193
citations

1478505

6
h-index

1125743

13
g-index

27
all docs

27
docs citations

27
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	On the use of self-similar processes in network simulation. ACM Transactions on Modeling and Computer Simulation, 2000, 10, 125-151.	0.8	47
2	A new heavy-tailed discrete distribution for LRD M/G/Ā sample generation. Performance Evaluation, 2002, 47, 197-219.	1.2	33
3	A Solar Altitude Angle Model for Efficient Solar Energy Predictions. Sensors, 2020, 20, 1391.	3.8	19
4	Current Trends on Green Wireless Sensor Networks. Sensors, 2021, 21, 4281.	3.8	18
5	Application of the Whittle estimator to the modeling of traffic based on the M/G/Ā process. IEEE Communications Letters, 2007, 11, 817-819.	4.1	13
6	Surfing the Web on TV: the MHP approach. , 0, , .		10
7	Fast simulation of self-similar and correlated processes. Mathematics and Computers in Simulation, 2010, 80, 2040-2061.	4.4	9
8	Improving aggregate flow control in differentiated services networks. Computer Networks, 2004, 44, 499-512.	5.1	8
9	Performance analysis of adaptive multipath load balancing in WDMĀLOBS networks. Computer Communications, 2007, 30, 3460-3470.	5.1	6
10	Prediction of learning success/failure via pace of events in a social learning network platform. Computer Applications in Engineering Education, 2018, 26, 2047-2057.	3.4	6
11	Loss differentiation in OBS networks without wavelength-conversion capability. IEEE Communications Letters, 2008, 12, 903-905.	4.1	5
12	Flexible adjustment of the short-term correlation of LRD M/G/Ā-based processes. Electronic Notes in Theoretical Computer Science, 2010, 261, 131-145.	0.9	4
13	From relative to observable proportional differentiation in OBS networks. , 2005, , .		3
14	A Highly Efficient M/G/Ā; Generator of Self-Similar Traces. , 2006, , .		3
15	Efficient Wind Speed Forecasting for Resource-Constrained Sensor Devices. Sensors, 2021, 21, 983.	3.8	2
16	On Modeling MPEG Video at the Frame Level Using Self-Similar Processes. Lecture Notes in Computer Science, 2004, , 37-48.	1.3	2
17	DVB-MHP transport stream generator. , 0, , .		1
18	Fostering Industry-Academia synergies in the curricular development of engineering education. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	Simulation Study of Aggregate Flow Control to Improve QoS in a Differentiated Services Network. Lecture Notes in Computer Science, 2003, , 729-741.	1.3	1
20	On Fair Bandwidth Sharing with RED. Lecture Notes in Computer Science, 2003, , 892-899.	1.3	1
21	Evaluation of Optical Burst-Switching as a Multiservice Environment. Lecture Notes in Computer Science, 2007, , 970-980.	1.3	1
22	Effect of the Generation of MPEG-Frames within a GOP on Queueing Performance. Lecture Notes in Computer Science, 2003, , 651-658.	1.3	0
23	Subexponential Parsimonious Modeling of the Correlation Structure of VBR Video Traffic. , 2007, , .		0
24	Leveraging energy saving capabilities of current EEE interfaces via pre-coalescing. Journal of Network and Computer Applications, 2020, 166, 102734.	9.1	0
25	"Time-to-idle Control Variate Performance in the Single Queue Case". , 2021, , .		0
26	"Educational case study: evaluation of guaranteed service on low earth orbit satellite networks". , 2021, , .		0
27	End-to-End Proportional Loss Differentiation in OBS Networks. Lecture Notes in Computer Science, 2008, , 346-357.	1.3	0