

Pedro Juan Roig Roig

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6411159/publications.pdf>

Version: 2024-02-01

27
papers

55
citations

2258059

3
h-index

1872680

6
g-index

27
all docs

27
docs citations

27
times ranked

21
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling VM Migration in a Fog Computing Environment. <i>Elektronika Ir Elektrotehnika</i> , 2019, 25, 75-81.	0.8	9
2	IoT Serverless Computing at the Edge: Open Issues and Research Direction. <i>Transactions on Networks and Communications</i> , 2021, 9, 1-33.	0.2	8
3	Modeling an Edge Computing Arithmetic Framework for IoT Environments. <i>Sensors</i> , 2022, 22, 1084.	3.8	5
4	Study on Mobility and Migration in a Fog Computing Environment. , 2018, , .		4
5	Modelling a Leaf and Spine Topology for VM Migration in Fog Computing. , 2020, , .		4
6	Modeling of a Generic Edge Computing Application Design. <i>Sensors</i> , 2021, 21, 7276.	3.8	4
7	Arithmetic Framework to Optimize Packet Forwarding among End Devices in Generic Edge Computing Environments. <i>Sensors</i> , 2022, 22, 421.	3.8	4
8	Modelling a Plain N-Hypercube Topology for Migration in Fog Computing. <i>Lecture Notes in Electrical Engineering</i> , 2021, , 595-608.	0.4	3
9	Study on OSPF Algebraic Formal Modelling Using ACP. <i>Elektronika Ir Elektrotehnika</i> , 2018, 24, .	0.8	3
10	Formal Algebraic Specification of an IoT/Fog Data Centre for Fat Tree or Leaf and Spine architectures. , 2020, , .		2
11	Veri Merkezi Topolojilerindeki Anahtarlama AygÄ±tlarÄ±nda Enerji Tasarrufuna YÄ¶nelik Aritmetik Ä±salÄ±ÅŸma. <i>Journal of Polytechnic</i> , 2022, 25, 785-797.	0.7	2
12	Applying Multidimensional Geometry to Basic Data Centre Designs. <i>International Journal of Electrical and Computer Engineering Research</i> , 2021, 1, 1-8.	1.1	2
13	De Bruijn-Based and k-Ary n-Cube-Based Algebraic Models in Fog Environments. <i>Communications in Computer and Information Science</i> , 2022, , 126-141.	0.5	2
14	Modelling a Folded N-Hypercube Topology for Migration in Fog Computing. <i>Lecture Notes in Electrical Engineering</i> , 2021, , 519-535.	0.4	1
15	Algebraic Modelling of a Generic Fog Scenario for Moving IoT Devices. <i>Lecture Notes in Networks and Systems</i> , 2021, , 1-16.	0.7	1
16	Fat Tree Algebraic Formal Modelling Applied to Fog Computing. <i>Communications in Computer and Information Science</i> , 2020, , 111-126.	0.5	1
17	Algebraic specification of ABP protocol using different time constraints. , 2017, , .		0
18	Algebraic Formal Modelling for HTTP Main Methods using ACP. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Formal algebraic modelling of a city-wide smart parking system. , 2020, , .		0
20	Formal Algebraic Description of a Fog/IoT Computing Environment. , 2020, , .		0
21	MQTT Algebraic Formal Modelling Using ACP. , 2020, , .		0
22	Remote surveillance system in isolation for Covid-19. , 2021, , .		0
23	Formal Specification of Spanning Tree Protocol Using ACP. Elektronika Ir Elektrotechnika, 2017, 23, .	0.8	0
24	OSPF Algebraic Formal Modelling using ACP - A Formal Description on OSPF Routing Protocol. , 2018, , .		0
25	Algebraic Formal Modelling for EIGRP using ACP - Formal Description Modelling on EIGRP Routing Protocol. , 2018, , .		0
26	Review on de Bruijn shapes in one, two and three dimensions. Journal of Physics: Conference Series, 2021, 2090, 012047.	0.4	0
27	Challenges of Implementing NFV-based Multi-Access Edge Computing Environments. , 2021, , .		0