

Evjola Spaho

List of Publications by Year in descending order

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Version: 2024-02-01

163
papers

1,121
citations

758635

12
h-index

610482

24
g-index

166
all docs

166
docs citations

166
times ranked

532
citing authors

#	ARTICLE	IF	CITATIONS
1	Trustworthiness in P2P: performance behaviour of two fuzzy-based systems for JXTA-overlay platform. <i>Soft Computing</i> , 2014, 18, 1783-1793.	2.1	90
2	A comparison study of two fuzzy-based systems for selection of actor node in wireless sensor actor networks. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2015, 6, 635-645.	3.3	71
3	Evaluation of WMN-GA for different mutation operators. <i>International Journal of Space-Based and Situated Computing</i> , 2012, 2, 149.	0.2	66
4	Goodput and PDR analysis of AODV, OLSR and DYMO protocols for vehicular networks using CAVENET. <i>International Journal of Grid and Utility Computing</i> , 2011, 2, 130.	0.1	60
5	A Fuzzy-Based System for Peer Reliability in JXTA-Overlay P2P Considering Number of Interactions. , 2013, , .		46
6	A new system for supporting children with autism spectrum disorder based on IoT and P2P technology. <i>International Journal of Space-Based and Situated Computing</i> , 2014, 4, 55.	0.2	39
7	VANET Simulators: A Survey on Mobility and Routing Protocols. , 2011, , .		35
8	Analysis of Mesh Router Placement in Wireless Mesh Networks Using Friedman Test. , 2014, , .		33
9	Performance Evaluation of OLSR and AODV Protocols in a VANET Crossroad Scenario. , 2013, , .		28
10	Implementation of SmartBox End-Device for a P2P System and Its Evaluation for E-Learning and Medical Applications. , 2010, , .		24
11	Two Fuzzy-Based Systems for Selection of Actor Nodes in Wireless Sensor and Actor Networks: A Comparison Study Considering Security Parameter Effect. <i>Mobile Networks and Applications</i> , 2016, 21, 53-64.	2.2	23
12	P2P Solutions to Efficient Mobile Peer Collaboration in MANETs. , 2012, , .		22
13	Implementation and performance evaluation of two fuzzy-based systems for selection of IoT devices in opportunistic networks. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019, 10, 519-529.	3.3	22
14	Evaluation of genetic algorithms for mesh router nodes placement in wireless mesh networks. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2010, 1, 271-282.	3.3	19
15	Performance of OLSR and DSDV Protocols in a VANET Scenario: Evaluation Using CAVENET and NS3. , 2012, , .		19
16	A Fuzzy-Based Trustworthiness System for JXTA-Overlay P2P Platform. , 2011, , .		18
17	An IoT-Based System for Supporting Children with Autism Spectrum Disorder. , 2013, , .		18
18	Data Replication Strategies in P2P Systems: A Survey. , 2014, , .		18

#	ARTICLE	IF	CITATIONS
19	Effects of population size for location-aware node placement in WMNs: evaluation by a genetic algorithm-based approach. <i>Personal and Ubiquitous Computing</i> , 2014, 18, 261-269.	1.9	17
20	Clustering Algorithms in MANETs: A Review. , 2015, , .		16
21	Implementation of a Medical Support System Considering P2P and IoT Technologies. , 2014, , .		15
22	Routing in a many-to-one communication scenario in a realistic VDTN. <i>Journal of High Speed Networks</i> , 2018, 24, 107-118.	0.6	15
23	Effect of different grid shapes in wireless mesh network-genetic algorithm system. <i>International Journal of Web and Grid Services</i> , 2014, 10, 371.	0.4	14
24	A New Fuzzy-Based Resource Management System for SDN-VANETs. <i>International Journal of Mobile Computing and Multimedia Communications</i> , 2019, 10, 1-12.	0.4	14
25	Evaluation of Single-Copy and Multiple-Copy Routing Protocols in a Realistic VDTN Scenario. , 2016, , .		13
26	Data Replication in P2P Collaborative Systems. , 2012, , .		12
27	Energy consumption analysis of different routing protocols in a Delay Tolerant Network. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020, 11, 3833-3839.	3.3	12
28	Performance Comparison of OLSR and AODV Protocols in a VANET Crossroad Scenario. <i>Lecture Notes in Electrical Engineering</i> , 2013, , 37-45.	0.3	11
29	Evaluation of intra-group optimistic data replication in P2P groupware systems. <i>Concurrency Computation Practice and Experience</i> , 2015, 27, 870-881.	1.4	11
30	Performance Evaluation of WMN Using WMN-GA System for Different Mutation Operators. , 2011, , .		10
31	A simulation system based on ONE and SUMO simulators: Performance evaluation of different vehicular DTN routing protocols. <i>Journal of High Speed Networks</i> , 2017, 23, 59-66.	0.6	10
32	Impact of node density and TTL in vehicular delay tolerant networks: performance comparison of different routing protocols. <i>International Journal of Space-Based and Situated Computing</i> , 2017, 7, 136.	0.2	10
33	Effect of Roadside APs in VANETs: A Comparison Study. , 2013, , .		9
34	QoS Routing in Ad-Hoc Networks Using GA and Multi-Objective Optimization. <i>Mobile Information Systems</i> , 2011, 7, 169-188.	0.4	8
35	A Smart Environment and Heuristic Diagnostic Teaching Principle-Based System for Supporting Children with Autism during Learning. , 2014, , .		8
36	Performance Evaluation of a VANET Simulation System Using NS-3 and SUMO. , 2015, , .		8

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37	Performance Comparison of DSDV and DYMO Protocols for Vehicular Ad Hoc Networks. , 2012, , .		7
38	Characterizing Social Network E-Assessment in Collaborative Complex Learning Resources. , 2014, , .		7
39	Goodput Evaluation of AODV, OLSR and DYMO Protocols for Vehicular Networks Using CAVENET. , 2011, , .		6
40	A Fuzzy-Based Trustworthiness System for JXTA-Overlay P2P Platform and Its Performance Evaluation Considering Three Parameters. , 2012, , .		6
41	Effect of Buildings in VANETs Communication: Performance of OLSR Protocol for Video Streaming Application. , 2013, , .		6
42	A Fuzzy-Based Reliability System for P2P Communication Considering Number of Interactions, Local Score and Security Parameters. , 2014, , .		6
43	Performance Evaluation of Different Routing Protocols in a Vehicular Delay Tolerant Network. , 2015, , .		6
44	Performance Evaluation of a VANET Simulation System Using NS-3 and SUMO Considering Number of Vehicles and Crossroad Scenario. , 2015, , .		6
45	P2P Data Replication: Techniques and Applications. Modeling and Optimization in Science and Technologies, 2015, , 145-166.	0.7	6
46	A Fuzzy-Based System for Selection of IoT Devices in Opportunistic Networks Considering IoT Device Storage, Waiting Time and Node Centrality Parameters. , 2018, , .		6
47	Implementation of CAVENET and Its Usage for Performance Evaluation of AODV, OLSR and DYMO Protocols in Vehicular Networks. Mobile Information Systems, 2010, 6, 213-227.	0.4	5
48	Performance Evaluation of AODV, OLSR and DYMO Protocols for Vehicular Networks Using CAVENET. , 2010, , .		5
49	A fuzzy-based data replication system for QoS improvement in MANETs. , 2012, , .		5
50	Performance Evaluation of OLSR Protocol in a Grid Manhattan VANET Scenario for Different Applications. , 2013, , .		5
51	A fuzzy-based reliability system for knowledge sharing between robots in P2P JXTA-overlay platform. Cluster Computing, 2013, 16, 933-945.	3.5	5
52	P2P data replication and trustworthiness for a JXTA-Overlay P2P system using fuzzy logic. Applied Soft Computing Journal, 2013, 13, 321-328.	4.1	5
53	Node Placement in WMNs Using WMN-GA System Considering Uniform and Normal Distribution of Mesh Clients. , 2014, , .		5
54	Selection of Rendezvous Point in Content Centric Networks Using Fuzzy Logic. , 2015, , .		5

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55	A Simulation System Based on ONE and SUMO Simulators: Performance Evaluation of Direct Delivery, Epidemic and Energy Aware Epidemic DTN Protocols. , 2015, , .		5
56	Evaluation of Different DTN Routing Protocols in an Opportunistic Network Considering Many-to-One Communication Scenario. , 2016, , .		5
57	Effect of node centrality for IoT device selection in opportunistic networks: A comparison study. Concurrency Computation Practice and Experience, 2018, 30, e4790.	1.4	5
58	F3N. International Journal of Distributed Systems and Technologies, 2015, 6, 28-44.	0.6	5
59	An Intelligent Approach for Resource Management in SDN-VANETs Using Fuzzy Logic. Lecture Notes in Networks and Systems, 2020, , 747-756.	0.5	5
60	Application of GA and Multi-objective Optimization for QoS Routing in Ad-Hoc Networks. , 2011, , .		4
61	Performance Evaluation of AODV Routing Protocol in VANETs Considering Multi-flows Traffic. , 2013, , .		4
62	Performance evaluation of an integrated fuzzy-based trustworthiness system for P2P communications in JXTA-overlay. Neurocomputing, 2013, 122, 43-49.	3.5	4
63	A Systematic Review of Multimedia Resources to Support Teaching and Learning in Virtual Environments. , 2014, , .		4
64	A mobility-aware fuzzy-based system for actor selection in wireless sensorâ€“actor networks. Journal of High Speed Networks, 2015, 21, 15-25.	0.6	4
65	Friedman Test for Analysing WMNs: A Comparison Study for Genetic Algorithms and Simulated Annealing. , 2015, , .		4
66	Effects of Security on Reliability of JXTA-Overlay P2P Platform a Comparison Study for Two Fuzzy-Based Systems. , 2015, , .		4
67	A Simulation System Based on ONE and SUMO Simulators: Performance Evaluation of First Contact, Prophet and Spray-and-Wait DTN Protocols. , 2015, , .		4
68	Performance Evaluation of Routing Protocols in DTNs Considering Different Mobility Models. Advances in Intelligent Systems and Computing, 2019, , 205-214.	0.5	4
69	Enhancement of Binary Spray and Wait Routing Protocol for Improving Delivery Probability and Latency in a Delay Tolerant Network. Lecture Notes in Networks and Systems, 2020, , 105-113.	0.5	4
70	Performance Evaluation of Energy Consumption for Different DTN Routing Protocols. Lecture Notes on Data Engineering and Communications Technologies, 2019, , 122-131.	0.5	4
71	Application of a JXTA-Overlay P2P Control System for a Biped Walking Robot. , 2010, , .		3
72	Grid and P2P middleware for wideâ€“area parallel processing. Concurrency Computation Practice and Experience, 2011, 23, 458-476.	1.4	3

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73	Massive Processing of Activity Logs of a Virtual Campus. , 2012, , .		3
74	Design and Implementation of Waste Management Robots. , 2012, , .		3
75	Application of SmartBox end-device for medical care using JXTA-Overlay P2P system. Computing (Vienna/New York), 2013, 95, 1039-1051.	3.2	3
76	Performance Evaluation of WMN-GA for Wireless Mesh Networks Considering Mobile Mesh Clients. , 2013, , .		3
77	A Proposed Framework for Combining Smart Environment and Heuristic Diagnostic Teaching Principles in Order to Assess Studentsâ€™ Abilities in Math and Supporting them during Learning. Mediterranean Journal of Social Sciences, 2014, , .	0.1	3
78	Selection of Actor Nodes in Wireless Sensor and Actor Networks: A Fuzzy Based Method Considering Actor Mobility. , 2015, , .		3
79	A Fuzzy-Based System for Selection of IoT Devices in Opportunistic Networks Considering IoT Device Storage, Waiting Time and Security Parameters. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 94-105.	0.5	3
80	A Survey on Platooning Techniques in VANETs. Advances in Intelligent Systems and Computing, 2019, , 650-659.	0.5	3
81	Performance Evaluation of WMN-GA Simulation System for Different Settings of Genetic Operators Considering Giant Component and Number of Covered Users. International Journal of Distributed Systems and Technologies, 2012, 3, 1-14.	0.6	3
82	A Simulation System for Multi Mobile Events in Wireless Sensor Networks. , 2011, , .		2
83	A Fuzzy-Based Reliability System for JXTA-Overlay P2P Platform. , 2011, , .		2
84	Using Data Replication for Improving QoS in MANETs. , 2012, , .		2
85	Performance Analysis of WMNs Using Hill Climbing Algorithm Considering Normal and Uniform Distribution of Mesh Clients. , 2013, , .		2
86	A Fuzzy-Based Reliability System for P2P Communication Considering Local Score, Number of Authentic Files, and Number of Interactions Parameters. , 2014, , .		2
87	Performance evaluation of WMN-GA system for different settings of population size and number of generations. Human-centric Computing and Information Sciences, 2014, 4, .	6.1	2
88	Selection of Actor Nodes in Wireless Sensor and Actor Networks Considering as a New Parameter Actor Congestion Situation. , 2016, , .		2
89	Selection of Actor Nodes in Wireless Sensor and Actor Networks Considering Failure of Assigned Task as New Parameter. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 106-118.	0.5	2
90	Implementation and evaluation of an ambient intelligence testbed. International Journal of Web Information Systems, 2018, 14, 123-135.	1.3	2

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91	Implementation of intelligent fuzzy-based systems for actor node selection in WSAWs: A comparison study considering effect of actor congestion situation. Journal of High Speed Networks, 2018, 24, 187-199.	0.6	2
92	Usage of DTNs for low-cost IoT application in smart cities: performance evaluation of spray and wait routing protocol and its enhanced versions. International Journal of Grid and Utility Computing, 2021, 12, 173.	0.1	2
93	An Integrated System Considering WLAN and DTN for Improving Network Performance: Evaluation for Different Scenarios and Parameters. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 339-348.	0.5	2
94	Performance Evaluation of SmartBox End-Device for Medical Applications Using JXTA-Overlay P2P System. , 2011, , .		1
95	Simulation Evaluation of AODV, OLSR and DYMO Protocols for Vehicular Networks Using CAVENET. , 2011, , .		1
96	Performance Analysis of DSR and DYMO Routing Protocols for VANETs. , 2012, , .		1
97	Genetic Algorithms for Node Placement in WMNs: Effect of Changes in Population Size and Number of Generations. , 2012, , .		1
98	A Comparison Study between Two Fuzzy-Based Trustworthiness Systems for P2P Networks. , 2012, , .		1
99	Performance Evaluation of DYMO Protocol in Different VANET Scenarios. , 2012, , .		1
100	Node Placement in WMNs and Visualization of Evolutionary Computation Process Using WMN-GA System. , 2012, , .		1
101	Investigation of TCP Traffic in a Vehicular Ad-hoc Network Considering DYMO Routing Protocol. , 2012, , .		1
102	An Integrated Fuzzy-based Trustworthiness System for P2P Communications in JXTA-Overlay. , 2012, , .		1
103	Multiflow TCP Traffic in VANETs: Performance Comparison of OLSR and AODV Routing Protocols. , 2013, , .		1
104	A Fuzzy-Based Trustworthiness System for P2P Communications in JXTA-Overlay Considering Positive and Negative Effects. , 2013, , .		1
105	A Fuzzy-Based System for Evaluation of Trustworthiness for P2P Communication in JXTA-Overlay. Lecture Notes in Electrical Engineering, 2013, , 451-460.	0.3	1
106	A Comparison Study of GA and HC for Mesh Router Node Placement in Wireless Mesh Networks. , 2013, , .		1
107	Coordination in Android Mobile Teams. , 2013, , .		1
108	Node Placement in WMNs Using WMN-HC System and Different Movement Methods. , 2014, , .		1

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109	A Study on Performance of Hill Climbing for Router Placement in Wireless Mesh Networks. , 2015, , .		1
110	Improving Reliability of Cluster Nodes in MANETs: A Fuzzy-Based Approach. , 2016, , .		1
111	Performance Evaluation of VANETs in Different Real Map Scenarios. Lecture Notes on Data Engineering and Communications Technologies, 2017, , 639-647.	0.5	1
112	A Fuzzy-Based Simulation System for Actor Selection in Wireless Sensor and Actor Networks Considering as a New Parameter Density of Actor Nodes. Lecture Notes on Data Engineering and Communications Technologies, 2017, , 163-174.	0.5	1
113	A comparison of two fuzzy-based systems considering node security in MANET clusters. International Journal of Grid and Utility Computing, 2017, 8, 343.	0.1	1
114	Selection of Actor Nodes in Wireless Sensor and Actor Networks: A Fuzzy-Based Approach Considering Number of Obstacles as New Parameter. , 2018, , .		1
115	LoRaWAN for an IoT-based environmental monitoring application in Tirana city. Pollack Periodica, 2021, , .	0.2	1
116	Usage of DTNs for low-cost IoT application in smart cities: performance evaluation of spray and wait routing protocol and its enhanced versions. International Journal of Grid and Utility Computing, 2021, 12, 173.	0.1	1
117	Comparison of Spray and Wait and Epidemic Protocols in Different DTN Scenarios. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 218-229.	0.5	1
118	A Comparison Study for Different Settings of Crossover and Mutation Rates Using WMN-GA Simulation System. Lecture Notes in Electrical Engineering, 2012, , 643-650.	0.3	1
119	JXTA-Overlay P2P Platform and Its Application for Robot Control. , 2010, , .		0
120	A Secure JXTA-Overlay Platform for Robot Control. , 2010, , .		0
121	A GA-based System for WMN and its Performance Evaluation for Different Scenarios. , 2011, , .		0
122	A Knowledge Sharing P2P System between Robots Using JXTA-Overlay. , 2011, , .		0
123	A Fuzzy-Based System for Data Replication in P2P Networks. , 2011, , .		0
124	Performance evaluation for different settings of crossover and mutation rates considering number of covered users. , 2011, , .		0
125	Effects of Mutation and Crossover in Genetic Algorithms for Node Placement in WMNs Considering Giant Component Parameter. , 2011, , .		0
126	Effects of Mutation and Crossover in Genetic Algorithms for Node Placement in WMNs Considering Number of Covered Users Parameter. , 2011, , .		0

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127	A Fuzzy-Based Reliability System for JXTA-Overlay P2P Platform Considering Actual Behaviour and Amount of Data Exchanged between Peers. , 2012, , .		0
128	Experimental Evaluation of a Waste Management Robot System. , 2012, , .		0
129	Performance Evaluation of WMN-GA System for Low Densities of Clients and Different Settings of Population Size. , 2012, , .		0
130	Impact of Population Size and Number of Generations on the Performance of Dense WMNs. , 2012, , .		0
131	Effect of Population Size for Node Placement in WMNs Considering Giant Component and Number of Covered Users Parameters. , 2012, , .		0
132	Visualization of Evolutionary Computation Process for Node Placement in WMNs Considering Weibull and Exponential Distribution of Mesh Clients. , 2012, , .		0
133	Performance Analysis of WMNs Using Hill Climbing Algorithm Considering Different Iterations per Phase. , 2013, , .		0
134	Effects of Selection Operators for Mesh Router Placement in Wireless Mesh Networks Considering Weibull Distribution of Mesh Clients. , 2013, , .		0
135	Mesh Router Node Placement in Wireless Mesh Networks Considering Different Initial Router Placement Methods. , 2013, , .		0
136	Performance Evaluation of WMN-GA System for Node Placement in WMNs Considering Normal Distribution of Mesh Clients and Different Selection and Mutation Operators. , 2013, , .		0
137	Performance Evaluation of Mesh Router Node Placement Using Simulated Annealing Considering Exponential and Weibull Distributions. , 2013, , .		0
138	Performance Evaluation of WMN-GA System for Node Placement in WMNs for Normal and Uniform Distributions of Mesh Clients Considering Different Grid Shapes. , 2013, , .		0
139	Node Placement in WMNs: Performance Evaluation of WMN-GA System for Weibull and Exponential Distribution of Mesh Clients. , 2013, , .		0
140	A Fuzzy-Based System to Evaluate the Peer Reliability in JXTA-Overlay P2P. , 2013, , .		0
141	An Integrated System of Robot, SmartBox and RFID as an Approach for Internet of Things. , 2013, , .		0
142	WMN-GA for Node Placement in WMN: Evaluation and Visualization Using HotSpot Ad-Hoc Method. , 2014, , .		0
143	Performance Evaluation of WMN-HC System for Different Number of Mesh Clients and Mesh Routers. , 2014, , .		0
144	A Presentation Framework to Simplify the Development of Java EE Application Thin Clients. , 2014, , .		0

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145	Effects of Packet Loss on Reliability of JXTA-Overlay P2P Platform: A Comparison Study for Two Fuzzy-Based Systems. , 2015, , .		0
146	A Selection of Actor Node in Wireless Sensor Actor Networks: A Case Study for Static and Mobile Actor Nodes. , 2015, , .		0
147	A Fuzzy-Based System for Improving Node Security in MANET Clusters. , 2016, , .		0
148	Improving Node Security in MANET Clusters: A Comparison Study of Two Fuzzy-Based Systems. , 2016, , .		0
149	Effects of Sustained Communication Time on Reliability of JXTA-Overlay P2P Platform: A Comparison Study for Two Fuzzy-Based Systems. , 2016, , .		0
150	A Fuzzy-Based Reliability for JXTA-overlay P2P Platform Considering Data Download Speed, Peer Congestion Situation, Number of Interaction and Packet Loss Parameters. , 2016, , .		0
151	Energy Concerns in Wireless Sensor and Actor Networks: A Simulation Case. , 2016, , .		0
152	A Fuzzy-Based Reliability System for JXTA-Overlay P2P Platform Considering as New Parameter Sustained Communication Time. , 2016, , .		0
153	Effect of Security Parameter for Selection of Actor Nodes in WSAN: A Comparison Study of Two Fuzzy-Based Systems. , 2016, , .		0
154	Performance Comparison of Different Routing Protocols in Sparse and Dense VDTNs. , 2016, , .		0
155	A GA-Based Simulation System for WMNs: Performance Analysis of WMN-GA System for Different WMN Architectures and Uniform Distribution Considering DCF and EDCA. , 2016, , .		0
156	Effect of Node Density and Node Movement Model on Performance of a VDTN. Lecture Notes on Data Engineering and Communications Technologies, 2017, , 153-161.	0.5	0
157	F3N. , 2016, , 1033-1048.		0
158	Performance Evaluation of WMN-GA System in Node Placement in WMNs for Different Distributions of Mesh Clients and Different Selection and Mutation Operators. Informatica, 2016, 27, 489-502.	1.5	0
159	Impact of node density and TTL in vehicular delay tolerant networks: performance comparison of different routing protocols. International Journal of Space-Based and Situated Computing, 2017, 7, 136.	0.2	0
160	A comparison of two fuzzy-based systems considering node security in MANET clusters. International Journal of Grid and Utility Computing, 2017, 8, 343.	0.1	0
161	A Study on Performance of Hill Climbing Heuristic Method for Router Placement in Wireless Mesh Networks. Studies in Computational Intelligence, 2017, , 33-48.	0.7	0
162	Selection of Actor Nodes in Wireless Sensor and Actor Networks Considering Actor-Sensor Coordination Quality Parameter. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 87-99.	0.5	0

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163	Application of Fuzzy Logic for Improving Human Sleeping Conditions in Ambient Intelligence Testbed. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 41-50.	0.5	0