Evjola Spaho

List of Publications by Year in Descending Order

114 papers	860 citations	15 h-index	23 g-index
166 ext. papers	1,024 ext. citations	1.2 avg, IF	4.32 L-index

#	Paper	IF	Citations
114	Design and Implementation of a Testbed for Delay Tolerant Networks: Work in Progress. *Lecture Notes on Data Engineering and Communications Technologies*, **2022**, 254-262	0.4	
113	A Low-Cost Solution for Smart-City Based on Public Bus Transportation System Using Opportunistic IoT. *Lecture Notes on Data Engineering and Communications Technologies*, **2022**, 175-182	0.4	1
112	An Intelligent Approach for Resource Management in SDN-VANETs Using Fuzzy Logic. *Lecture Notes in Networks and Systems*, **2020**, 747-756	0.5	4
111	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	3
110	Energy consumption analysis of different routing protocols in a Delay Tolerant Network. *Journal of Ambient Intelligence and Humanized Computing*, **2020**, 11, 3833-3839	3.7	7
109	Performance Evaluation of Routing Protocols in DTNs Considering Different Mobility Models. *Advances in Intelligent Systems and Computing*, **2019**, 205-214	0.4	3
108	A Survey on Platooning Techniques in VANETs. *Advances in Intelligent Systems and Computing*, **2019**, 650-659	0.4	2
107	A New Fuzzy-Based Resource Management System for SDN-VANETs. *International Journal of Mobile Computing and Multimedia Communications*, **2019**, 10, 1-12	0.7	10
106	Performance Evaluation of Energy Consumption for Different DTN Routing Protocols. *Lecture Notes on Data Engineering and Communications Technologies*, **2019**, 122-131	0.4	2
105	Implementation and performance evaluation of two fuzzy-based systems for selection of IoT devices in opportunistic networks. *Journal of Ambient Intelligence and Humanized Computing*, **2019**, 10, 519-529	3.7	16
104	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	0.4	3
103	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	0.4	1
102	Routing in a many-to-one communication scenario in a realistic VDTN. *Journal of High Speed Networks*, **2018**, 24, 107-118	0.4	15
101	Implementation and evaluation of an ambient intelligence testbed. *International Journal of Web Information Systems*, **2018**, 14, 123-135	0.9	2
100	Implementation of intelligent fuzzy-based systems for actor node selection in WSANs: A comparison study considering effect of actor congestion situation. *Journal of High Speed Networks*, **2018**, 24, 187-199	0.4	2
99	Effect of node centrality for IoT device selection in opportunistic networks: A comparison study. *Concurrency Computation Practice and Experience*, **2018**, 30, e4790	1.4	3
98	A Fuzzy-Based System for Selection of IoT Devices in Opportunistic Networks Considering IoT Device Storage, Waiting Time and Node Centrality Parameters **2018**,		5

97	Selection of Actor Nodes in Wireless Sensor and Actor Networks: A Fuzzy-Based Approach Considering Number of Obstacles as New Parameter **2018**,		1
96	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	0.4	
95	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	0.4	2
94	Application of Fuzzy Logic for Improving Human Sleeping Conditions in an Ambient Intelligence Testbed. *Lecture Notes on Data Engineering and Communications Technologies*, **2018**, 41-50	0.4	
93	Comparison of Spray and Wait and Epidemic Protocols in Different DTN Scenarios. *Lecture Notes on Data Engineering and Communications Technologies*, **2018**, 218-229	0.4	1
92	Routing in a DTN: Performance Evaluation for Random Waypoint and Steady State Random Waypoint Using NS3 Simulator. *Lecture Notes on Data Engineering and Communications Technologies* , **2018**, 133-141	0.4	3
91	A simulation system based on ONE and SUMO simulators: Performance evaluation of different vehicular DTN routing protocols. *Journal of High Speed Networks*, **2017**, 23, 59-66	0.4	8
90	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	0.3	9
89	Effect of Node Density and Node Movement Model on Performance of a VDTN. *Lecture Notes on Data Engineering and Communications Technologies*, **2017**, 153-161	0.4	
88	Performance Evaluation of VANETs in Different Real Map Scenarios. *Lecture Notes on Data Engineering and Communications Technologies*, **2017**, 639-647	0.4	1
87	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	0.4	1
86	A comparison of two fuzzy-based systems considering node security in MANET clusters. *International Journal of Grid and Utility Computing*, **2017**, 8, 343	1.1	1
85	A Study on Performance of Hill Climbing Heuristic Method for Router Placement in Wireless Mesh Networks. *Studies in Computational Intelligence*, **2017**, 33-48	0.8	
84	Selection of Actor Nodes in Wireless Sensor and Actor Networks Considering as a New Parameter Actor Congestion Situation **2016**,		2
83	Two Fuzzy-Based Systems for Selection of Actor Nodes inWireless Sensor and Actor Networks: A Comparison Study Considering Security Parameter Effect. *Mobile Networks and Applications*, **2016**, 21, 53-64	2.9	18
82	F3N **2016**, 1033-1048		
81	Evaluation of Single-Copy and Multiple-Copy Routing Protocols in a Realistic VDTN Scenario **2016**,		12
80	Evaluation of Different DTN Routing Protocols in an Opportunistic Network Considering Many-to-One Communication Scenario **2016**,		3

79	Improving Reliability of Cluster Nodes in MANETs: A Fuzzy-Based Approach **2016**,		1
78	A comparison study of two fuzzy-based systems for selection of actor node in wireless sensor actor networks. *Journal of Ambient Intelligence and Humanized Computing*, **2015**, 6, 635-645	3.7	63
77	Performance Evaluation of a VANET Simulation System Using NS-3 and SUMO **2015**,		6
76	Performance Evaluation of a VANET Simulation System Using NS-3 and SUMO Considering Number of Vehicles and Crossroad Scenario **2015**,		4
75	Clustering Algorithms in MANETs: A Review **2015**,		11
74	P2P Data Replication: Techniques and Applications. *Modeling and Optimization in Science and Technologies*, **2015**, 145-166	0.6	6
73	Selection of Rendezvous Point in Content Centric Networks Using Fuzzy Logic **2015**,		5
72	Evaluation of intra-group optimistic data replication in P2P groupware systems. *Concurrency Computation Practice and Experience*, **2015**, 27, 870-881	1.4	7
71	A mobility-aware fuzzy-based system for actor selection in wireless sensor actor networks. *Journal of High Speed Networks*, **2015**, 21, 15-25	0.4	3
70	Selection of Actor Nodes in Wireless Sensor and Actor Networks: A Fuzzy Based Method Considering Actor Mobility **2015**,		3
69	A Simulation System Based on ONE and SUMO Simulators: Performance Evaluation of Direct Delivery, Epidemic and Energy Aware Epidemic DTN Protocols **2015**,		5
68	Performance Evaluation of Different Routing Protocols in a Vehicular Delay Tolerant Network **2015** ,		5
67	Effects of Security on Reliability of JXTA-Overlay P2P Platform a Comparison Study for Two Fuzzy-Based Systems **2015**,		3
66	A Simulation System Based on ONE and SUMO Simulators: Performance Evaluation of First Contact, Prophet and Spray-and-Wait DTN Protocols **2015**,		4
65	F3N. *International Journal of Distributed Systems and Technologies*, **2015**, 6, 28-44	0.3	4
64	Characterizing Social Network E-Assessment in Collaborative Complex Learning Resources **2014**,		5
63	Trustworthiness in P2P: performance behaviour of two fuzzy-based systems for JXTA-overlay platform. *Soft Computing*, **2014**, 18, 1783-1793	3.5	76
62	Performance evaluation of WMN-GA system for different settings of population size and number of generations. *Human-centric Computing and Information Sciences*, **2014**, 4,	5.4	1

61	A Smart Environment and Heuristic Diagnostic Teaching Principle-Based System for Supporting Children with Autism during Learning **2014**,		8
60	Effects of population size for location-aware node placement in WMNs: evaluation by a genetic algorithm--based approach. *Personal and Ubiquitous Computing*, **2014**, 18, 261-269	2.1	10
59	A new system for supporting children with autism spectrum disorder based on IoT and P2P technology. *International Journal of Space-Based and Situated Computing*, **2014**, 4, 55	0.3	34
58	Effect of different grid shapes in wireless mesh network-genetic algorithm system. *International Journal of Web and Grid Services*, **2014**, 10, 371	1.4	11
57	A Proposed Framework for Combining Smart Environment and Heuristic Diagnostic Teaching Principles in Order to Assess Students Abilities in Math and Supporting them during Learning. *Mediterranean Journal of Social Sciences*, **2014**,	1.4	3
56	Data Replication Strategies in P2P Systems: A Survey **2014**,		14
55	A Systematic Review of Multimedia Resources to Support Teaching and Learning in Virtual Environments **2014**,		3
54	Implementation of a Medical Support System Considering P2P and IoT Technologies **2014**,		7
53	A Fuzzy-Based Reliability System for P2P Communication Considering Local Score, Number of Authentic Files, and Number of Interactions Parameters **2014**,		1
52	Node Placement in WMNs Using WMN-HC System and Different Movement Methods **2014**,		1
51	A Fuzzy-Based Reliability System for P2P Communication Considering Number of Interactions, Local Score and Security Parameters **2014**,		2
50	Node Placement in WMNs Using WMN-GA System Considering Uniform and Normal Distribution of Mesh Clients **2014**,		5
49	Analysis of Mesh Router Placement in Wireless Mesh Networks Using Friedman Test **2014**,		19
48	Performance Comparison of OLSR and AODV Protocols in a VANET Crossroad Scenario. *Lecture Notes in Electrical Engineering*, **2013**, 37-45	0.2	10
47	Application of SmartBox end-device for medical care using JXTA-Overlay P2P system. *Computing (Vienna/New York)*, **2013**, 95, 1039-1051	2.2	2
46	Performance Evaluation of OLSR Protocol in a Grid Manhattan VANET Scenario for Different Applications **2013**,		5
45	Effect of Buildings in VANETs Communication: Performance of OLSR Protocol for Video Streaming Application **2013**,		5
44	A fuzzy-based reliability system for knowledge sharing between robots in P2P JXTA-overlay platform. *Cluster Computing*, **2013**, 16, 933-945	2.1	4

43	Performance Evaluation of OLSR and AODV Protocols in a VANET Crossroad Scenario **2013**,		17
42	Effect of Roadside APs in VANETs: A Comparison Study **2013**,		6
41	A Fuzzy-Based Trustworthiness System for P2P Communications in JXTA-Overlay Considering Positive and Negative Effects **2013**,		1
40	Performance Evaluation of AODV Routing Protocol in VANETs Considering Multi-flows Traffic **2013** ,		1
39	P2P data replication and trustworthiness for a JXTA-Overlay P2P system using fuzzy logic. *Applied Soft Computing Journal*, **2013**, 13, 321-328	7.5	4
38	Performance evaluation of an integrated fuzzy-based trustworthiness system for P2P communications in JXTA-overlay. *Neurocomputing*, **2013**, 122, 43-49	5.4	3
37	A Fuzzy-Based System for Evaluation of Trustworthiness for P2P Communication in JXTA-Overlay. *Lecture Notes in Electrical Engineering*, **2013**, 451-460	0.2	
36	Performance Evaluation of WMN-GA for Wireless Mesh Networks Considering Mobile Mesh Clients **2013**,		2
35	A Comparison Study of GA and HC for Mesh Router Node Placement in Wireless Mesh Networks **2013**,		1
34	Performance Analysis of WMNs Using Hill Climbing Algorithm Considering Normal and Uniform Distribution of Mesh Clients **2013**,		2
33	A Fuzzy-Based System for Peer Reliability in JXTA-Overlay P2P Considering Number of Interactions **2013**,		42
32	An IoT-Based System for Supporting Children with Autism Spectrum Disorder **2013**,		8
31	Coordination in Android Mobile Teams **2013**,		1
30	Performance Evaluation of DYMO Protocol in Different VANET Scenarios **2012**,		1
29	Design and Implementation of Waste Management Robots **2012**,		2
28	Node Placement in WMNs and Visualization of Evolutionary Computation Process Using WMN-GA System **2012**,		1
27	Using Data Replication for Improving QoS in MANETs **2012**,		2
26	Performance Comparison of DSDV and DYMO Protocols for Vehicular Ad Hoc Networks **2012**,		7

25	An Integrated Fuzzy-based Trustworthiness System for P2P Communications in JXTA-Overlay **2012**,		1
24	Data Replication in P2P Collaborative Systems **2012**,		8
23	P2P Solutions to Efficient Mobile Peer Collaboration in MANETs **2012**,		22
22	Performance of OLSR and DSDV Protocols in a VANET Scenario: Evaluation Using CAVENET and NS3 **2012**,		16
21	A fuzzy-based data replication system for QoS improvement in MANETs **2012**,		5
20	Performance Analysis of DSR and DYMO Routing Protocols for VANETs **2012**,		1
19	A Fuzzy-Based Trustworthiness System for JXTA-Overlay P2P Platform and Its Performance Evaluation Considering Three Parameters **2012**,		2
18	A Comparison Study between Two Fuzzy-Based Trustworthiness Systems for P2P Networks **2012**,		1
17	Evaluation of WMN-GA for different mutation operators. *International Journal of Space-Based and Situated Computing*, **2012**, 2, 149	0.3	47
16	A Comparison Study for Different Settings of Crossover and Mutation Rates Using WMN-GA Simulation System. *Lecture Notes in Electrical Engineering*, **2012**, 643-650	0.2	1
15	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	0.3	2
14	Application of GA and Multi-objective Optimization for QoS Routing in Ad-Hoc Networks **2011**,		4
13	**2011**,		2
12	VANET Simulators: A Survey on Mobility and Routing Protocols **2011**,		22
11	QoS Routing in Ad-Hoc Networks Using GA and Multi-Objective Optimization. *Mobile Information Systems*, **2011**, 7, 169-188	1.4	8
10	Goodput and PDR analysis of AODV, OLSR and DYMO protocols for vehicular networks using CAVENET. *International Journal of Grid and Utility Computing*, **2011**, 2, 130	1.1	51
9	Grid and P2P middleware for wide-area parallel processing. *Concurrency Computation Practice and Experience*, **2011**, 23, 458-476	1.4	2
8	Performance Evaluation of WMN Using WMN-GA System for Different Mutation Operators **2011**,		10

7	A Fuzzy-Based Trustworthiness System for JXTA-Overlay P2P Platform **2011**,		8
6	Goodput Evaluation of AODV, OLSR and DYMO Protocols for Vehicular Networks Using CAVENET **2011**,		4
5	A Fuzzy-Based Reliability System for JXTA-Overlay P2P Platform **2011**,		2
4	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	1.4	3
3	Implementation of SmartBox End-Device for a P2P System and Its Evaluation for E-Learning and Medical Applications **2010**,		15
2	Performance Evaluation of AODV, OLSR and DYMO Protocols for Vehicular Networks Using CAVENET **2010**,		5
1	Evaluation of genetic algorithms for mesh router nodes placement in wireless mesh networks. *Journal of Ambient Intelligence and Humanized Computing*, **2010**, 1, 271-282	3.7	14