

# Turgay Korkmaz

## List of Publications by Year in descending order

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55  
papers

765  
citations

623734

14  
h-index

580821

25  
g-index

55  
all docs

55  
docs citations

55  
times ranked

528  
citing authors

#	ARTICLE	IF	CITATIONS
1	Source-oriented topology aggregation with multiple QoS parameters in hierarchical networks. ACM Transactions on Modeling and Computer Simulation, 2000, 10, 295-325.	0.8	75
2	Bandwidth-delay constrained path selection under inaccurate state information. IEEE/ACM Transactions on Networking, 2003, 11, 384-398.	3.8	75
3	A randomized algorithm for finding a path subject to multiple QoS requirements. Computer Networks, 2001, 36, 251-268.	5.1	65
4	Smooth path construction and adjustment for multiple mobile sinks in wireless sensor networks. Computer Communications, 2015, 72, 93-106.	5.1	46
5	An efficient algorithm for finding a path subject to two additive constraints. Computer Communications, 2002, 25, 225-238.	5.1	41
6	An efficient algorithm for finding a path subject to two additive constraints. , 2000, , .		39
7	Routing multimedia traffic with qos guarantees. IEEE Transactions on Multimedia, 2003, 5, 429-443.	7.2	38
8	Single packet IP traceback in AS-level partial deployment scenario. International Journal of Security and Networks, 2007, 2, 95.	0.2	36
9	Comparison of Routing Algorithms With Static and Dynamic Link Cost in Software Defined Networking (SDN). IEEE Access, 2019, 7, 148629-148644.	4.2	34
10	The integration of mobile (tele) robotics and wireless sensor networks: A survey. Computer Communications, 2014, 51, 21-35.	5.1	33
11	EMLTrust: An enhanced Machine Learning based Reputation System for MANETs. Ad Hoc Networks, 2012, 10, 435-457.	5.5	31
12	Mobile Ad-Hoc Networks Security. Lecture Notes in Electrical Engineering, 2012, , 659-666.	0.4	28
13	Robot Control Strategies for Task Allocation with Connectivity Constraints in Wireless Sensor and Robot Networks. IEEE Transactions on Mobile Computing, 2018, 17, 1429-1441.	5.8	28
14	HEAP: A packet authentication scheme for mobile ad hoc networks. Ad Hoc Networks, 2008, 6, 1134-1150.	5.5	24
15	Optimal path selection for minimizing the differential delay in Ethernet-over-SONET. Computer Networks, 2006, 50, 2349-2363.	5.1	17
16	A Machine Learning Based Reputation System for Defending Against Malicious Node Behavior. , 2008, , .		13
17	Characterizing link and path reliability in large-scale wireless sensor networks. , 2010, , .		12
18	Finding Multi-Constrained Multiple Shortest Paths. IEEE Transactions on Computers, 2015, 64, 2559-2572.	3.4	12

#	ARTICLE	IF	CITATIONS
19	Smooth path construction for data mule tours in wireless sensor networks. , 2012, , .		10
20	Challenges and solutions to consistent data plane update in software defined networks. Computer Communications, 2018, 130, 50-59.	5.1	9
21	An efficient algorithm for finding a path subject to two additive constraints. Performance Evaluation Review, 2000, 28, 318-327.	0.6	7
22	A measurement study on overhead distribution of value-added internet services. Computer Networks, 2007, 51, 4153-4173.	5.1	7
23	A Fast Hybrid $\hat{\mu}$ -Approximation Algorithm for Computing Constrained Shortest Paths. IEEE Communications Letters, 2013, 17, 1471-1474.	4.1	7
24	Comparison of Routing Algorithms with Static and Dynamic Link Cost in SDN. , 2019, , .		7
25	Enhancing role-based trust management with a reputation system for MANETs. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	2.4	6
26	Improving packet reception rate for mobile sinks in wireless sensor networks. , 2012, , .		6
27	Defending against malicious nodes using an SVM based Reputation System. , 2008, , .		5
28	Super-sequence frequent pattern mining on sequential dataset. , 2013, , .		5
29	Hypergraph querying using structural indexing and layer-related-closure verification. Knowledge and Information Systems, 2016, 46, 537-565.	3.2	5
30	OSPF-based hybrid approach for scalable dissemination of QoS parameters. Computer Networks, 2004, 46, 273-293.	5.1	4
31	Two additive-constrained path selection in the presence of inaccurate state information. Computer Communications, 2007, 30, 2096-2112.	5.1	4
32	SPRM: Source Path Routing Model and Link Failure Handling in Software-Defined Networks. IEEE Transactions on Network and Service Management, 2021, 18, 2873-2887.	4.9	4
33	Pareto Optimal Based Partition Framework for Two Additive Constrained Path Selection. Lecture Notes in Computer Science, 2005, , 318-325.	1.3	3
34	Highly responsive and efficient QoS routing using pre- and on-demand computations along with a new normal measure. Computer Networks, 2006, 50, 3743-3762.	5.1	2
35	On finding optimal paths in multi-radio, multi-hop mesh networks using WCETT metric. , 2006, , .		2
36	Lower-Priority-Triggered Distributed MAC-layer Priority Scheduling in Wireless Ad Hoc Networks. , 2007, , .		2

#	ARTICLE	IF	CITATIONS
37	PeerGraph: A Distributed Data Structure for Peer-to-Peer Streaming. , 2008, , .		2
38	Distributed verification of global multiple disjoint paths in mobile wireless networks. , 2011, , .		2
39	Utilizing distance distribution in determining topological characteristics of multi-hop wireless networks. , 2013, , .		2
40	Finding the most evident co-clusters on web log dataset using frequent super-sequence mining. , 2014, , .		2
41	Heavy path mining reveals novel protein-protein associations in the malaria parasite plasmodium falciparum. , 2014, , .		2
42	Minimum hop and/or minimum distance robot movement with connectivity constraints in WSRNs. , 2014, , .		2
43	Heavy path based super-sequence frequent pattern mining on web log dataset. Artificial Intelligence Research, 2015, 4, .	0.3	2
44	Generation of simple Turkish sentences with systemic-functional grammar. , 1998, , .		2
45	Segmented Source Routing for Handling Link Failures in Software Defined Network. Lecture Notes in Computer Science, 2018, , 146-158.	1.3	2
46	Highly Responsive and Efficient QoS Routing Using Pre- and On-demand Computations Along with a New Normal Measure. Lecture Notes in Computer Science, 2005, , 53-64.	1.3	1
47	Applications of Support Vector Machines in Bioinformatics and Network Security. , 0, , .		1
48	Batch forwarding in wireless sensor networks. , 2010, , .		1
49	Analysis of deployment and movement policies in wireless sensor and robot networks. , 2015, , .		1
50	Heavy path mining of proteinâ€“protein associations in the malaria parasite. Methods, 2015, 83, 63-70.	3.8	1
51	Analyzing Response Time of Batch Signing. , 2009, , .		0
52	Supporting multiple metrics in QoS-aware BGP. Science China Information Sciences, 2010, 53, 1947-1962.	4.3	0
53	Just-in-time expression of influential genes in the cellular networks of the malaria parasite Plasmodium falciparum during the red blood cycle. , 2016, , .		0
54	PageRank influence analysis of protein-protein association networks in the malaria parasite Plasmodium falciparum. International Journal of Computational Biology and Drug Design, 2017, 10, 137.	0.3	0

#	ARTICLE	IF	CITATIONS
55	Transcriptomic and network analyses combine to identify genes that drive the red blood cell cycle of <i>Plasmodium falciparum</i> . <i>International Journal of Data Mining and Bioinformatics</i> , 2017, 18, 179.	0.1	0