

Khaled Salah

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

205
papers

5,103
citations

33
h-index

65
g-index

275
ext. papers

7,235
ext. citations

3.5
avg, IF

7.07
L-index

#	Paper	IF	Citations
205	Supply Chain Inventory Sharing Using Ethereum Blockchain and Smart Contracts. <i>IEEE Access</i> , 2022 , 10, 2345-2356	3.5	4
204	Trustworthy IoT Data Streaming using Blockchain and IPFS. <i>IEEE Access</i> , 2022 , 1-1	3.5	2
203	Blockchain-based Supply Chain Traceability for COVID-19 personal protective equipment.. <i>Computers and Industrial Engineering</i> , 2022 , 167, 107995	6.4	10
202	Blockchain in oil and gas industry: Applications, challenges, and future trends. <i>Technology in Society</i> , 2022 , 68, 101941	6.3	2
201	Blockchain for deep learning: review and open challenges.. <i>Cluster Computing</i> , 2022 , 1-25	2.1	1
200	Blockchain-based Management for Organ Donation and Transplantation. <i>IEEE Access</i> , 2022 , 1-1	3.5	1
199	Blockchain-Based Energy Trading in Electric Vehicles Using an Auctioning and Reputation Scheme. <i>IEEE Access</i> , 2021 , 9, 165542-165556	3.5	2
198	. <i>IEEE Access</i> , 2021 , 9, 151944-151959	3.5	2
197	Blockchain for Electric Vehicles Energy Trading: Requirements, Opportunities, and Challenges. <i>IEEE Access</i> , 2021 , 9, 156947-156961	3.5	2
196	Blockchain-Based Solution for Product Recall Management in the Automotive Supply Chain. <i>IEEE Access</i> , 2021 , 9, 167756-167775	3.5	4
195	. <i>IEEE Access</i> , 2021 , 9, 163016-163032	3.5	0
194	Blockchain-Based Decentralized Digital Manufacturing and Supply for COVID-19 Medical Devices and Supplies. <i>IEEE Access</i> , 2021 , 9, 137923-137940	3.5	2
193	Blockchain-Based Solution for the Administration of Controlled Medication. <i>IEEE Access</i> , 2021 , 9, 145397-145414	3.5	14
192	Blockchain-based Incident Reporting System for Patient Safety and Quality in Healthcare. <i>EAI/Springer Innovations in Communication and Computing</i> , 2021 , 167-190	0.6	
191	The Role of Blockchain Technology in Aviation Industry. <i>IEEE Aerospace and Electronic Systems Magazine</i> , 2021 , 36, 4-15	2.4	1
190	The role of blockchain technology in telehealth and telemedicine. <i>International Journal of Medical Informatics</i> , 2021 , 148, 104399	5.3	43
189	Blockchain for IoT-based smart cities: Recent advances, requirements, and future challenges. <i>Journal of Network and Computer Applications</i> , 2021 , 181, 103007	7.9	44

188	Blockchain for IoT-Based Healthcare: Background, Consensus, Platforms, and Use Cases. <i>IEEE Systems Journal</i> , 2021 , 15, 85-94	4.3	85
187	Applications of Blockchain Technology in Clinical Trials: Review and Open Challenges. <i>Arabian Journal for Science and Engineering</i> , 2021 , 46, 3001-3015	2.5	21
186	Blockchain Architectures for Physical Internet: A Vision, Features, Requirements, and Applications. <i>IEEE Network</i> , 2021 , 35, 174-181	11.4	9
185	Toward Offloading Internet of Vehicles Applications in 5G Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 4151-4159	6.1	37
184	Towards Blockchain-Based Fair and Trustworthy Federated Learning Systems. <i>Studies in Computational Intelligence</i> , 2021 , 157-171	0.8	
183	Trustworthy Blockchain Gateways for Resource-Constrained Clients and IoT Devices. <i>IEEE Access</i> , 2021 , 1-1	3.5	2
182	Blockchain-Based Forward Supply Chain and Waste Management for COVID-19 Medical Equipment and Supplies. <i>IEEE Access</i> , 2021 , 9, 44905-44927	3.5	34
181	Blockchain-Based Solution for Distribution and Delivery of COVID-19 Vaccines. <i>IEEE Access</i> , 2021 , 9, 71372-71387	3.5	36
180	A Blockchain-Based Approach for Drug Traceability in Healthcare Supply Chain. <i>IEEE Access</i> , 2021 , 9, 9728-9743	3.5	36
179	Design and Implementation of CryptoCargo: A Blockchain-Powered Smart Shipping Container for Vaccine Distribution. <i>IEEE Access</i> , 2021 , 9, 53786-53803	3.5	4
178	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-16	6.1	5
177	Blockchain applications and architectures for port operations and logistics management. <i>Research in Transportation Business and Management</i> , 2021 , 41, 100620	2.8	34
176	Implementing decentralized auctions using blockchain smart contracts. <i>Technological Forecasting and Social Change</i> , 2021 , 168, 120786	9.5	9
175	TrustFed: A Framework for Fair and Trustworthy Cross-Device Federated Learning in IIoT. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 8485-8494	11.9	10
174	COVID-19 Contact Tracing Using Blockchain. <i>IEEE Access</i> , 2021 , 9, 62956-62971	3.5	9
173	appXchain: Application-Level Interoperability for Blockchain Networks. <i>IEEE Access</i> , 2021 , 9, 87777-87793	3.5	13
172	Automating Procurement Contracts in the Healthcare Supply Chain Using Blockchain Smart Contracts. <i>IEEE Access</i> , 2021 , 9, 37397-37409	3.5	31
171	Blockchain for aerospace and defense: Opportunities and open research challenges. <i>Computers and Industrial Engineering</i> , 2021 , 151, 106982	6.4	12

170	Blockchain for Waste Management in Smart Cities: A Survey. <i>IEEE Access</i> , 2021 , 9, 131520-131541	3.5	8
169	Blockchain for Digital Twins: Recent Advances and Future Research Challenges. <i>IEEE Network</i> , 2020 , 34, 290-298	11.4	54
168	Blockchain-Based Decentralized Reverse Bidding in Fog Computing. <i>IEEE Access</i> , 2020 , 8, 81686-81697	3.5	15
167	Trustworthy Blockchain Oracles: Review, Comparison, and Open Research Challenges. <i>IEEE Access</i> , 2020 , 8, 85675-85685	3.5	55
166	Blockchain-Based Solution for the Traceability of Spare Parts in Manufacturing. <i>IEEE Access</i> , 2020 , 8, 100308-100322	3.5	103
165	Frequency-Minimal Utility-Maximal Moving Target Defense Against DDoS in SDN-Based Systems. <i>IEEE Transactions on Network and Service Management</i> , 2020 , 17, 890-903	4.8	8
164	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4183-4196	7.3	5
163	. <i>IEEE Transactions on Services Computing</i> , 2020 , 1-1	4.8	17
162	A Blockchain-Based Approach for the Creation of Digital Twins. <i>IEEE Access</i> , 2020 , 8, 34113-34126	3.5	47
161	. <i>IEEE Access</i> , 2020 , 8, 43177-43190	3.5	22
160	Monetization of Services Provided by Public Fog Nodes Using Blockchain and Smart Contracts. <i>IEEE Access</i> , 2020 , 8, 20118-20128	3.5	21
159	A Review of Performance, Energy and Privacy of Intrusion Detection Systems for IoT. <i>Electronics (Switzerland)</i> , 2020 , 9, 629	2.6	22
158	. <i>IEEE Access</i> , 2020 , 8, 225777-225791	3.5	6
157	Blockchain for COVID-19: Review, Opportunities, and a Trusted Tracking System 2020 , 45, 9895		1
156	Cloud adoption for e-learning: Survey and future challenges. <i>Education and Information Technologies</i> , 2020 , 25, 1417-1438	3.6	3
155	Trust in Blockchain Cryptocurrency Ecosystem. <i>IEEE Transactions on Engineering Management</i> , 2020 , 67, 1196-1212	2.6	26
154	Industrial internet of things: Recent advances, enabling technologies and open challenges. <i>Computers and Electrical Engineering</i> , 2020 , 81, 106522	4.3	126
153	. <i>IEEE Access</i> , 2020 , 8, 188363-188377	3.5	16

152	Blockchain for COVID-19: Review, Opportunities, and a Trusted Tracking System. <i>Arabian Journal for Science and Engineering</i> , 2020 , 45, 1-17	2.5	64
151	An In-Depth Empirical Investigation of State-of-the-Art Scheduling Approaches for Cloud Computing. <i>IEEE Access</i> , 2020 , 8, 128282-128294	3.5	14
150	Dynamic Scalability Model for Containerized Cloud Services. <i>Arabian Journal for Science and Engineering</i> , 2020 , 45, 10693-10708	2.5	6
149	. <i>IEEE Access</i> , 2020 , 8, 182704-182719	3.5	20
148	. <i>IEEE Access</i> , 2020 , 8, 193102-193115	3.5	27
147	Ensuring protocol compliance and data transparency in clinical trials using Blockchain smart contracts. <i>BMC Medical Research Methodology</i> , 2020 , 20, 224	4.7	24
146	Blockchain-Based Solution for COVID-19 Digital Medical Passports and Immunity Certificates. <i>IEEE Access</i> , 2020 , 8, 222093-222108	3.5	38
145	Blockchain-Based Multi-Party Authorization for Accessing IPFS Encrypted Data. <i>IEEE Access</i> , 2020 , 8, 196813-196825	3.5	68
144	Blockchain-Based Verifiable Tracking of Resellable Returned Drugs. <i>IEEE Access</i> , 2020 , 8, 205848-205862	3.5	6
143	Blockchain for explainable and trustworthy artificial intelligence. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2020 , 10, e1340	6.9	30
142	COLIDE: a collaborative intrusion detection framework for Internet of Things. <i>IET Networks</i> , 2019 , 8, 3-14	2.8	27
141	Privacy Management in Social Internet of Vehicles: Review, Challenges and Blockchain Based Solutions. <i>IEEE Access</i> , 2019 , 7, 79694-79713	3.5	68
140	A Survey on Autonomic Provisioning and Management of QoS in SDN Networks. <i>IEEE Access</i> , 2019 , 7, 73384-73435	3.5	19
139	Blockchain-Based Soybean Traceability in Agricultural Supply Chain. <i>IEEE Access</i> , 2019 , 7, 73295-73305	3.5	214
138	A privacy-preserving framework for smart context-aware healthcare applications. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , e3634	1.9	7
137	The role of big data analytics in industrial Internet of Things. <i>Future Generation Computer Systems</i> , 2019 , 99, 247-259	7.5	133
136	Combating Deepfake Videos Using Blockchain and Smart Contracts. <i>IEEE Access</i> , 2019 , 7, 41596-41606	3.5	105
135	Improving Opportunities in Healthcare Supply Chain Processes via the Internet of Things and Blockchain Technology. <i>International Journal of Healthcare Information Systems and Informatics</i> , 2019 , 14, 49-65	1.1	34

134	Monetization of IoT data using smart contracts. <i>IET Networks</i> , 2019 , 8, 32-37	2.8	60
133	Smart contract-based approach for efficient shipment management. <i>Computers and Industrial Engineering</i> , 2019 , 136, 149-159	6.4	86
132	Architecture to manage Internet of Things Data using Blockchain and Fog Computing 2019 ,		10
131	Dynamic VM allocation and traffic control to manage QoS and energy consumption in cloud computing environment. <i>International Journal of Computer Applications in Technology</i> , 2019 , 60, 307	0.7	14
130	Development of a Generic and a Reconfigurable UVM-Based Verification Environment for SoC Buses 2019 ,		1
129	Decentralized Access Control for IoT Data Using Blockchain and Trusted Oracles 2019 ,		11
128	IoT Public Fog Nodes Reputation System: A Decentralized Solution Using Ethereum Blockchain. <i>IEEE Access</i> , 2019 , 7, 178082-178093	3.5	51
127	Blockchain for AI: Review and Open Research Challenges. <i>IEEE Access</i> , 2019 , 7, 10127-10149	3.5	333
126	Blockchain-Based Framework for Protecting Author Royalty of Digital Assets. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 3849-3866	2.5	14
125	Reliable Middleware for Wireless Sensor-Actuator Networks. <i>IEEE Access</i> , 2019 , 7, 14099-14111	3.5	8
124	Performance modelling and analysis of Internet of Things enabled healthcare monitoring systems. <i>IET Networks</i> , 2019 , 8, 48-58	2.8	27
123	Modeling and Analysis of Performance and Energy Consumption in Cloud Data Centers. <i>Arabian Journal for Science and Engineering</i> , 2018 , 43, 7789-7802	2.5	22
122	Internet of things: A comparative study 2018 ,		5
121	Performance analysis of multi-core VMs hosting cloud SaaS applications. <i>Computer Standards and Interfaces</i> , 2018 , 55, 126-135	3.5	21
120	Blockchain-Based Solution for Proof of Delivery of Physical Assets. <i>Lecture Notes in Computer Science</i> , 2018 , 139-152	0.9	27
119	Blockchain-Based Proof of Delivery of Physical Assets With Single and Multiple Transporters. <i>IEEE Access</i> , 2018 , 6, 46781-46793	3.5	53
118	IoT security: Review, blockchain solutions, and open challenges. <i>Future Generation Computer Systems</i> , 2018 , 82, 395-411	7.5	1100
117	Performance Evaluation of IoT-Fog-Cloud Deployment for Healthcare Services 2018 ,		8

116	ASIC Implementation of Energy-Optimized Successive Cancellation Polar Decoders for Internet of Things 2018 ,		1
115	Constructing Effective UVM Testbench for DRAM Memory Controllers 2018 ,		2
114	An Automated Lightweight UVM Tool 2018 ,		1
113	Proof of Delivery of Digital Assets Using Blockchain and Smart Contracts. <i>IEEE Access</i> , 2018 , 6, 65439-65448	3.5	97
112	Clustering the Dominant Defective Patterns in Semiconductor Wafer Maps. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2018 , 31, 156-165	2.6	13
111	Improved Session Table Architecture for Denial of Stateful Firewall Attacks. <i>IEEE Access</i> , 2018 , 6, 35528-35543	3.8	8
110	Performance modeling and analysis of hypoexponential network servers. <i>Telecommunication Systems</i> , 2017 , 65, 717-728	2.3	12
109	DDoS Attack Detection and Mitigation Using SDN: Methods, Practices, and Solutions. <i>Arabian Journal for Science and Engineering</i> , 2017 , 42, 425-441	2.5	147
108	Digital Quran Computing: Review, Classification, and Trend Analysis. <i>Arabian Journal for Science and Engineering</i> , 2017 , 42, 3077-3102	2.5	5
107	Stochastic modelling and analysis of cloud computing data center 2017 ,		21
106	Formal analysis of seamless application execution in mobile cloud computing. <i>Journal of Supercomputing</i> , 2017 , 73, 4466-4492	2.5	4
105	BigCrypt for big data encryption 2017 ,		3
104	Arabic reCAPTCHA Service for Enhancing Digitization of Arabic Manuscripts. <i>Arabian Journal for Science and Engineering</i> , 2017 , 42, 3391-3408	2.5	1
103	Performance Study of MANET Routing Protocols in VANET. <i>Arabian Journal for Science and Engineering</i> , 2017 , 42, 3115-3126	2.5	10
102	Analytical Model for Elastic Scaling of Cloud-Based Firewalls. <i>IEEE Transactions on Network and Service Management</i> , 2017 , 14, 136-146	4.8	19
101	An area efficient multi-mode memory controller based on dynamic partial reconfiguration 2017 ,		1
100	A Unified UVM Architecture for Flash-Based Memory 2017 ,		2
99	Efficient and dynamic scaling of fog nodes for IoT devices. <i>Journal of Supercomputing</i> , 2017 , 73, 5261-5284	5	67

98	Adaptive Cloud Resource Allocation scheme to minimize SLO response time violation 2016,		2
97	A High-Speed FPGA Implementation of an RSD-Based ECC Processor. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2016 , 24, 151-164	2.6	37
96	An Analytical Model for Estimating Cloud Resources of Elastic Services. <i>Journal of Network and Systems Management</i> , 2016 , 24, 285-308	2.1	37
95	A 65nm ASIC based 256 NIST prime field ECC processor 2016,		2
94	A novel assertion-based CAD tool for automatic extraction of functional coverage 2016,		2
93	Coverage Closure Efficient UVM Based Generic Verification Architecture for Flash Memory Controllers 2016,		1
92	An Experimental Evaluation of the EDoS-Shield Mitigation Technique for Securing the Cloud. <i>Arabian Journal for Science and Engineering</i> , 2016 , 41, 5037-5047		9
91	Evaluation of the Impact of EDoS Attacks Against Cloud Computing Services. <i>Arabian Journal for Science and Engineering</i> , 2015 , 40, 773-785		25
90	2015,		8
89	Teaching Cybersecurity Using the Cloud. <i>IEEE Transactions on Learning Technologies</i> , 2015 , 8, 383-392	4	19
88	Detection of compromised smart meters in the Advanced Metering Infrastructure 2015,		2
87	Review of Elliptic Curve Cryptography processor designs. <i>Microprocessors and Microsystems</i> , 2015 , 39, 97-112	2.4	29
86	Modelling and analysis of rule-based network security middleboxes. <i>IET Information Security</i> , 2015 , 9, 305-312	1.4	3
85	A functional coverage approach for direct testing: An industrial IP as a case study 2015,		4
84	Digital Arabic content: Challenges and opportunities 2015,		2
83	Cloud-based Arabic reCAPTCHA service: Design and architecture 2015,		2
82	An analytical model to achieve elasticity for cloud-based firewalls 2015,		3
81	Securing Cryptographic Keys in the IaaS Cloud Model 2015,		4

80	Using the Cloud to Teach Computer Networks 2015 ,		4
79	Review of gate-level differential power analysis and fault analysis countermeasures. <i>IET Information Security</i> , 2014 , 8, 51-66	1.4	12
78	2014 ,		11
77	Accelerating snort NIDS using NetFPGA-based Bloom filter 2014 ,		6
76	Analysis of Erlangian network services. <i>AEU - International Journal of Electronics and Communications</i> , 2014 , 68, 623-630	2.8	4
75	VDC-Analyst: Design and verification of virtual desktop cloud resource allocations. <i>Computer Networks</i> , 2014 , 68, 110-122	5-4	33
74	Harnessing the cloud for teaching cybersecurity 2014 ,		13
73	A UVM-based smart functional verification platform: Concepts, pros, cons, and opportunities 2014 ,		17
72	TSV-based 3D integration fabrication technologies: An overview 2014 ,		3
71	Classifying malicious activities in Honeynets using entropy and volume-based thresholds. <i>Security and Communication Networks</i> , 2013 , 6, 567-583	1.9	2
70	Impact of CPU Utilization Thresholds and Scaling Size on Autoscaling Cloud Resources 2013 ,		29
69	Assessing the security of the cloud environment 2013 ,		7
68	RSD based Karatsuba multiplier for ECC processors 2013 ,		1
67	Analyzing the security of Windows 7 and Linux for cloud computing. <i>Computers and Security</i> , 2013 , 34, 113-122	4-9	7
66	Performance of IP-forwarding of Linux hosts with multiple network interfaces. <i>Journal of Network and Computer Applications</i> , 2013 , 36, 452-465	7-9	1
65	A Queuing Model to Achieve Proper Elasticity for Cloud Cluster Jobs 2013 ,		24
64	Achieving elasticity for cloud MapReduce jobs 2013 ,		5
63	Network-aware resource allocation for cloud elastic applications 2013 ,		1

62	A macro-modeling approach for through silicon via 2013 ,		2
61	TSV-based on-chip inductive coupling communications 2013 ,		1
60	An FPGA implementation of NIST 256 prime field ECC processor 2013 ,		13
59	Mitigating starvation of Linux CPU-bound processes in the presence of network I/O. <i>Journal of Systems and Software</i> , 2012 , 85, 1899-1914	3.3	0
58	Performance Modeling and Analysis of Network Firewalls. <i>IEEE Transactions on Network and Service Management</i> , 2012 , 9, 12-21	4.8	50
57	Video-on-Demand (VoD) deployment over hospitality networks. <i>International Journal of Network Management</i> , 2012 , 22, 65-80	1.8	1
56	. <i>IEEE Security and Privacy</i> , 2012 , 1-1	2	12
55	2012 ,		22
54	Analysis of coupling capacitance between TSVs and metal interconnects in 3D-ICs 2012 ,		3
53	Mitigation of DHCP starvation attack. <i>Computers and Electrical Engineering</i> , 2012 , 38, 1115-1128	4.3	13
52	Enhanced EDoS-Shield for Mitigating EDoS Attacks Originating from Spoofed IP Addresses 2012 ,		34
51	EDoS-Shield - A Two-Steps Mitigation Technique against EDoS Attacks in Cloud Computing 2011 ,		70
50	Compact lumped element model for TSV in 3D-ICs 2011 ,		10
49	Statistical analysis of H.264 video frame size distribution. <i>IET Communications</i> , 2011 , 5, 1978-1986	1.3	3
48	On Linux starvation of CPU-bound processes in the presence of network I/O. <i>Computers and Electrical Engineering</i> , 2011 , 37, 1090-1105	4.3	6
47	A potential low-rate DoS attack against network firewalls. <i>Security and Communication Networks</i> , 2011 , 4, 136-146	1.9	16
46	Equivalent lumped element models for various n-port Through Silicon Vias networks 2011 ,		11
45	Analysis of a two-stage network server. <i>Applied Mathematics and Computation</i> , 2011 , 217, 9635-9645	2.7	4

44	Queuing Analysis of Network Firewalls 2010 ,		2
43	3D/TSV enabling technologies for SOC/NOC: Modeling and design challenges 2010 ,		4
42	On the performance of IP-forwarding for multicore multiprocessor Linux hosts. <i>IET Communications</i> , 2010 , 4, 2166	1.3	5
41	Discovering last-matching rules in popular open-source and commercial firewalls. <i>International Journal of Internet Protocol Technology</i> , 2010 , 5, 23	0.3	2
40	Multi-Agent pattern recognition mechanism for detecting distributed denial of service attacks. <i>IET Information Security</i> , 2010 , 4, 333	1.4	9
39	Distributed security for multi-agent systems [review and applications]. <i>IET Information Security</i> , 2010 , 4, 188	1.4	32
38	Performance evaluation comparison of Snort NIDS under Linux and Windows Server. <i>Journal of Network and Computer Applications</i> , 2010 , 33, 6-15	7.9	25
37	Performance evaluation and comparison of four network packet rate estimators. <i>AEU - International Journal of Electronics and Communications</i> , 2010 , 64, 1015-1023	2.8	5
36	Modeling and analysis of PC-based software routers. <i>Computer Communications</i> , 2010 , 33, 1462-1470	5.1	2
35	An analytical simulator for deploying IP telephony. <i>International Journal of Network Management</i> , 2009 , 19, 25-37	1.8	1
34	Implementation and experimental evaluation of a simple packet rate estimator. <i>AEU - International Journal of Electronics and Communications</i> , 2009 , 63, 977-985	2.8	7
33	Implementation and experimental performance evaluation of a hybrid interrupt-handling scheme. <i>Computer Communications</i> , 2009 , 32, 179-188	5.1	29
32	Comparative packet-forwarding measurement of three popular operating systems. <i>Journal of Network and Computer Applications</i> , 2009 , 32, 1039-1048	7.9	6
31	An Entropy-Based Countermeasure against Intelligent DoS Attacks Targeting Firewalls 2009 ,		6
30	Improving Snort performance under Linux. <i>IET Communications</i> , 2009 , 3, 1883	1.3	8
29	2008 ,		2
28	Boosting throughput of Snort NIDS under Linux 2008 ,		9
27	A probing technique for discovering last-matching rules of a network firewall 2008 ,		5

26	On the performance of a simple packet rate estimator 2008 ,		3
25	Assessing readiness of IP networks to support desktop videoconferencing using OPNET. <i>Journal of Network and Computer Applications</i> , 2008 , 31, 921-943	7.9	14
24	Deploying VoIP in Existing IP Networks 2008 , 1-23		1
23	Performance analysis and comparison of interrupt-handling schemes in gigabit networks. <i>Computer Communications</i> , 2007 , 30, 3425-3441	5.1	20
22	To coalesce or not to coalesce. <i>AEU - International Journal of Electronics and Communications</i> , 2007 , 61, 215-225	2.8	19
21	Modeling and Analysis of Interrupt Disable-Enable Scheme. <i>International Conference on Advanced Networking and Applications</i> , 2007 ,		3
20	Two analytical models for evaluating performance of Gigabit Ethernet hosts with finite buffer. <i>AEU - International Journal of Electronics and Communications</i> , 2006 , 60, 545-556	2.8	1
19	On the deployment of VoIP in Ethernet networks: methodology and case study. <i>Computer Communications</i> , 2006 , 29, 1039-1054	5.1	24
18	Analytic approach for deploying desktop videoconferencing. <i>IET Communications</i> , 2006 , 153, 434		3
17	An OPNET-based simulation approach for deploying VoIP. <i>International Journal of Network Management</i> , 2006 , 16, 159-183	1.8	24
16	An Analytical Tool to Assess Readiness of Existing Networks for Deploying IP Telephony 2006 ,		5
15	On Modelling and Analysis of Receive Livelock and Cpu Utilization in High-Speed Networks. <i>International Journal of Computers and Applications</i> , 2006 , 28, 162-169	0.8	1
14	On the accuracy of two analytical models for evaluating the performance of Gigabit Ethernet hosts. <i>Information Sciences</i> , 2006 , 176, 3735-3756	7.7	4
13	Integrated performance evaluating criterion for selecting between interrupt coalescing and normal interruption. <i>International Journal of High Performance Computing and Networking</i> , 2005 , 3, 434	1	4
12	Analysis and simulation of interrupt overhead impact on OS throughput in high-speed networks. <i>International Journal of Communication Systems</i> , 2005 , 18, 501-526	1.7	5
11	Evaluating system performance in Gigabit networks		5
10	PRISED tangle: a privacy-aware framework for smart healthcare data sharing using IOTA tangle. <i>Complex & Intelligent Systems</i> ,1	7.1	3
9	Blockchain and COVID-19 Pandemic: Applications and Challenges		3

8	Blockchain for COVID-19: Review, Opportunities and a Trusted Tracking System	3
7	Blockchain for COVID-19: Review, Opportunities and a Trusted Tracking System	9
6	Blockchain and COVID-19 Pandemic: Applications and Challenges	7
5	Blockchain-based Supply Chain Traceability for COVID-19 PPE	2
4	Blockchain-based Solution for COVID-19 Digital Medical Passports and Immunity Certificates	2
3	Blockchain for Waste Management in Smart Cities: A Survey	3
2	Blockchain-based Forward Supply Chain and Waste Management for COVID-19 Medical Equipment and Supplies	2
1	Blockchain for healthcare data management: opportunities, challenges, and future recommendations. <i>Neural Computing and Applications</i> ,1	4.8 42