

# Khaled Salah

## List of Publications by Citations

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**Version:** 2024-04-25

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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	IoT security: Review, blockchain solutions, and open challenges. <i>Future Generation Computer Systems</i> , <b>2018</b> , 82, 395-411	7.5	1100
204	Blockchain for AI: Review and Open Research Challenges. <i>IEEE Access</i> , <b>2019</b> , 7, 10127-10149	3.5	333
203	Blockchain-Based Soybean Traceability in Agricultural Supply Chain. <i>IEEE Access</i> , <b>2019</b> , 7, 73295-73305	3.5	214
202	DDoS Attack Detection and Mitigation Using SDN: Methods, Practices, and Solutions. <i>Arabian Journal for Science and Engineering</i> , <b>2017</b> , 42, 425-441	2.5	147
201	The role of big data analytics in industrial Internet of Things. <i>Future Generation Computer Systems</i> , <b>2019</b> , 99, 247-259	7.5	133
200	Industrial internet of things: Recent advances, enabling technologies and open challenges. <i>Computers and Electrical Engineering</i> , <b>2020</b> , 81, 106522	4.3	126
199	Combating Deepfake Videos Using Blockchain and Smart Contracts. <i>IEEE Access</i> , <b>2019</b> , 7, 41596-41606	3.5	105
198	Proof of Delivery of Digital Assets Using Blockchain and Smart Contracts. <i>IEEE Access</i> , <b>2018</b> , 6, 65439-65448	3.5	97
197	Smart contract-based approach for efficient shipment management. <i>Computers and Industrial Engineering</i> , <b>2019</b> , 136, 149-159	6.4	86
196	Blockchain for IoT-Based Healthcare: Background, Consensus, Platforms, and Use Cases. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 85-94	4.3	85
195	EDoS-Shield - A Two-Steps Mitigation Technique against EDoS Attacks in Cloud Computing <b>2011</b> ,		70
194	Privacy Management in Social Internet of Vehicles: Review, Challenges and Blockchain Based Solutions. <i>IEEE Access</i> , <b>2019</b> , 7, 79694-79713	3.5	68
193	Efficient and dynamic scaling of fog nodes for IoT devices. <i>Journal of Supercomputing</i> , <b>2017</b> , 73, 5261-5284	4.5	67
192	Blockchain for COVID-19: Review, Opportunities, and a Trusted Tracking System. <i>Arabian Journal for Science and Engineering</i> , <b>2020</b> , 45, 1-17	2.5	64
191	Monetization of IoT data using smart contracts. <i>IET Networks</i> , <b>2019</b> , 8, 32-37	2.8	60
190	Trustworthy Blockchain Oracles: Review, Comparison, and Open Research Challenges. <i>IEEE Access</i> , <b>2020</b> , 8, 85675-85685	3.5	55
189	Blockchain for Digital Twins: Recent Advances and Future Research Challenges. <i>IEEE Network</i> , <b>2020</b> , 34, 290-298	11.4	54

188	Blockchain-Based Proof of Delivery of Physical Assets With Single and Multiple Transporters. <i>IEEE Access</i> , <b>2018</b> , 6, 46781-46793	3.5	53
187	IoT Public Fog Nodes Reputation System: A Decentralized Solution Using Ethereum Blockchain. <i>IEEE Access</i> , <b>2019</b> , 7, 178082-178093	3.5	51
186	Performance Modeling and Analysis of Network Firewalls. <i>IEEE Transactions on Network and Service Management</i> , <b>2012</b> , 9, 12-21	4.8	50
185	A Blockchain-Based Approach for the Creation of Digital Twins. <i>IEEE Access</i> , <b>2020</b> , 8, 34113-34126	3.5	47
184	Blockchain for IoT-based smart cities: Recent advances, requirements, and future challenges. <i>Journal of Network and Computer Applications</i> , <b>2021</b> , 181, 103007	7.9	44
183	The role of blockchain technology in telehealth and telemedicine. <i>International Journal of Medical Informatics</i> , <b>2021</b> , 148, 104399	5.3	43
182	Blockchain for healthcare data management: opportunities, challenges, and future recommendations. <i>Neural Computing and Applications</i> , 1	4.8	42
181	Blockchain-Based Solution for COVID-19 Digital Medical Passports and Immunity Certificates. <i>IEEE Access</i> , <b>2020</b> , 8, 222093-222108	3.5	38
180	A High-Speed FPGA Implementation of an RSD-Based ECC Processor. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , <b>2016</b> , 24, 151-164	2.6	37
179	An Analytical Model for Estimating Cloud Resources of Elastic Services. <i>Journal of Network and Systems Management</i> , <b>2016</b> , 24, 285-308	2.1	37
178	Toward Offloading Internet of Vehicles Applications in 5G Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 4151-4159	6.1	37
177	A Blockchain-Based Approach for Drug Traceability in Healthcare Supply Chain. <i>IEEE Access</i> , <b>2021</b> , 9, 9728-9743	3.6	36
176	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> , <b>2019</b> , 14, 49-65	1.1	34
175	Enhanced EDoS-Shield for Mitigating EDoS Attacks Originating from Spoofed IP Addresses <b>2012</b> ,		34
174	Blockchain-Based Forward Supply Chain and Waste Management for COVID-19 Medical Equipment and Supplies. <i>IEEE Access</i> , <b>2021</b> , 9, 44905-44927	3.5	34
173	Blockchain applications and architectures for port operations and logistics management. <i>Research in Transportation Business and Management</i> , <b>2021</b> , 41, 100620	2.8	34
172	VDC-Analyst: Design and verification of virtual desktop cloud resource allocations. <i>Computer Networks</i> , <b>2014</b> , 68, 110-122	5.4	33
171	Distributed security for multi-agent systems [Review and applications]. <i>IET Information Security</i> , <b>2010</b> , 4, 188	1.4	32

170	Automating Procurement Contracts in the Healthcare Supply Chain Using Blockchain Smart Contracts. <i>IEEE Access</i> , <b>2021</b> , 9, 37397-37409	3.5	31
169	Blockchain for explainable and trustworthy artificial intelligence. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , <b>2020</b> , 10, e1340	6.9	30
168	Review of Elliptic Curve Cryptography processor designs. <i>Microprocessors and Microsystems</i> , <b>2015</b> , 39, 97-112	2.4	29
167	Impact of CPU Utilization Thresholds and Scaling Size on Autoscaling Cloud Resources <b>2013</b> ,		29
166	Implementation and experimental performance evaluation of a hybrid interrupt-handling scheme. <i>Computer Communications</i> , <b>2009</b> , 32, 179-188	5.1	29
165	COLIDE: a collaborative intrusion detection framework for Internet of Things. <i>IET Networks</i> , <b>2019</b> , 8, 3-14	2.8	27
164	Blockchain-Based Solution for Proof of Delivery of Physical Assets. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 139-152	0.9	27
163	. <i>IEEE Access</i> , <b>2020</b> , 8, 193102-193115	3.5	27
162	Performance modelling and analysis of Internet of Things enabled healthcare monitoring systems. <i>IET Networks</i> , <b>2019</b> , 8, 48-58	2.8	27
161	Trust in Blockchain Cryptocurrency Ecosystem. <i>IEEE Transactions on Engineering Management</i> , <b>2020</b> , 67, 1196-1212	2.6	26
160	Evaluation of the Impact of EDoS Attacks Against Cloud Computing Services. <i>Arabian Journal for Science and Engineering</i> , <b>2015</b> , 40, 773-785		25
159	Performance evaluation comparison of Snort NIDS under Linux and Windows Server. <i>Journal of Network and Computer Applications</i> , <b>2010</b> , 33, 6-15	7.9	25
158	A Queueing Model to Achieve Proper Elasticity for Cloud Cluster Jobs <b>2013</b> ,		24
157	On the deployment of VoIP in Ethernet networks: methodology and case study. <i>Computer Communications</i> , <b>2006</b> , 29, 1039-1054	5.1	24
156	An OPNET-based simulation approach for deploying VoIP. <i>International Journal of Network Management</i> , <b>2006</b> , 16, 159-183	1.8	24
155	Ensuring protocol compliance and data transparency in clinical trials using Blockchain smart contracts. <i>BMC Medical Research Methodology</i> , <b>2020</b> , 20, 224	4.7	24
154	. <i>IEEE Access</i> , <b>2020</b> , 8, 43177-43190	3.5	22
153	A Review of Performance, Energy and Privacy of Intrusion Detection Systems for IoT. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 629	2.6	22

152	Modeling and Analysis of Performance and Energy Consumption in Cloud Data Centers. <i>Arabian Journal for Science and Engineering</i> , <b>2018</b> , 43, 7789-7802	2.5	22
151	<b>2012</b> ,		22
150	Stochastic modelling and analysis of cloud computing data center <b>2017</b> ,		21
149	Monetization of Services Provided by Public Fog Nodes Using Blockchain and Smart Contracts. <i>IEEE Access</i> , <b>2020</b> , 8, 20118-20128	3.5	21
148	Performance analysis of multi-core VMs hosting cloud SaaS applications. <i>Computer Standards and Interfaces</i> , <b>2018</b> , 55, 126-135	3.5	21
147	Applications of Blockchain Technology in Clinical Trials: Review and Open Challenges. <i>Arabian Journal for Science and Engineering</i> , <b>2021</b> , 46, 3001-3015	2.5	21
146	Blockchain-Based Solution for the Traceability of Spare Parts in Manufacturing. <i>IEEE Access</i> , <b>2020</b> , 8, 100308-100322	3.9	22
145	Performance analysis and comparison of interrupt-handling schemes in gigabit networks. <i>Computer Communications</i> , <b>2007</b> , 30, 3425-3441	5.1	20
144	. <i>IEEE Access</i> , <b>2020</b> , 8, 182704-182719	3.5	20
143	Analytical Model for Elastic Scaling of Cloud-Based Firewalls. <i>IEEE Transactions on Network and Service Management</i> , <b>2017</b> , 14, 136-146	4.8	19
142	A Survey on Autonomic Provisioning and Management of QoS in SDN Networks. <i>IEEE Access</i> , <b>2019</b> , 7, 73384-73435	3.5	19
141	Teaching Cybersecurity Using the Cloud. <i>IEEE Transactions on Learning Technologies</i> , <b>2015</b> , 8, 383-392	4	19
140	To coalesce or not to coalesce. <i>AEU - International Journal of Electronics and Communications</i> , <b>2007</b> , 61, 215-225	2.8	19
139	. <i>IEEE Transactions on Services Computing</i> , <b>2020</b> , 1-1	4.8	17
138	A UVM-based smart functional verification platform: Concepts, pros, cons, and opportunities <b>2014</b> ,		17
137	A potential low-rate DoS attack against network firewalls. <i>Security and Communication Networks</i> , <b>2011</b> , 4, 136-146	1.9	16
136	. <i>IEEE Access</i> , <b>2020</b> , 8, 188363-188377	3.5	16
135	Blockchain-Based Decentralized Reverse Bidding in Fog Computing. <i>IEEE Access</i> , <b>2020</b> , 8, 81686-81697	3.5	15

134	Assessing readiness of IP networks to support desktop videoconferencing using OPNET. <i>Journal of Network and Computer Applications</i> , <b>2008</b> , 31, 921-943	7.9	14
133	An In-Depth Empirical Investigation of State-of-the-Art Scheduling Approaches for Cloud Computing. <i>IEEE Access</i> , <b>2020</b> , 8, 128282-128294	3.5	14
132	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> , <b>2019</b> , 60, 307	0.7	14
131	Blockchain-Based Framework for Protecting Author Royalty of Digital Assets. <i>Arabian Journal for Science and Engineering</i> , <b>2019</b> , 44, 3849-3866	2.5	14
130	Harnessing the cloud for teaching cybersecurity <b>2014</b> ,		13
129	Mitigation of DHCP starvation attack. <i>Computers and Electrical Engineering</i> , <b>2012</b> , 38, 1115-1128	4.3	13
128	An FPGA implementation of NIST 256 prime field ECC processor <b>2013</b> ,		13
127	Clustering the Dominant Defective Patterns in Semiconductor Wafer Maps. <i>IEEE Transactions on Semiconductor Manufacturing</i> , <b>2018</b> , 31, 156-165	2.6	13
126	appXchain: Application-Level Interoperability for Blockchain Networks. <i>IEEE Access</i> , <b>2021</b> , 9, 87777-87793	3.5	13
125	Performance modeling and analysis of hypoexponential network servers. <i>Telecommunication Systems</i> , <b>2017</b> , 65, 717-728	2.3	12
124	Review of gate-level differential power analysis and fault analysis countermeasures. <i>IET Information Security</i> , <b>2014</b> , 8, 51-66	1.4	12
123	. <i>IEEE Security and Privacy</i> , <b>2012</b> , 1-1	2	12
122	Blockchain for aerospace and defense: Opportunities and open research challenges. <i>Computers and Industrial Engineering</i> , <b>2021</b> , 151, 106982	6.4	12
121	<b>2014</b> ,		11
120	Equivalent lumped element models for various n-port Through Silicon Vias networks <b>2011</b> ,		11
119	Blockchain-Based Multi-Party Authorization for Accessing IPFS Encrypted Data. <i>IEEE Access</i> , <b>2020</b> , 8, 196813-196825	3.5	11
118	Decentralized Access Control for IoT Data Using Blockchain and Trusted Oracles <b>2019</b> ,		11
117	Blockchain-Based Solution for Distribution and Delivery of COVID-19 Vaccines. <i>IEEE Access</i> , <b>2021</b> , 9, 71373-71387	3.5	11

116	Performance Study of MANET Routing Protocols in VANET. <i>Arabian Journal for Science and Engineering</i> , <b>2017</b> , 42, 3115-3126	2.5	10
115	Compact lumped element model for TSV in 3D-ICs <b>2011</b> ,		10
114	Blockchain-based Supply Chain Traceability for COVID-19 personal protective equipment.. <i>Computers and Industrial Engineering</i> , <b>2022</b> , 167, 107995	6.4	10
113	Architecture to manage Internet of Things Data using Blockchain and Fog Computing <b>2019</b> ,		10
112	TrustFed: A Framework for Fair and Trustworthy Cross-Device Federated Learning in IIoT. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 8485-8494	11.9	10
111	Multi-Agent pattern recognition mechanism for detecting distributed denial of service attacks. <i>IET Information Security</i> , <b>2010</b> , 4, 333	1.4	9
110	Boosting throughput of Snort NIDS under Linux <b>2008</b> ,		9
109	Blockchain for COVID-19: Review, Opportunities and a Trusted Tracking System		9
108	An Experimental Evaluation of the EDoS-Shield Mitigation Technique for Securing the Cloud. <i>Arabian Journal for Science and Engineering</i> , <b>2016</b> , 41, 5037-5047		9
107	Blockchain Architectures for Physical Internet: A Vision, Features, Requirements, and Applications. <i>IEEE Network</i> , <b>2021</b> , 35, 174-181	11.4	9
106	Implementing decentralized auctions using blockchain smart contracts. <i>Technological Forecasting and Social Change</i> , <b>2021</b> , 168, 120786	9.5	9
105	COVID-19 Contact Tracing Using Blockchain. <i>IEEE Access</i> , <b>2021</b> , 9, 62956-62971	3.5	9
104	<b>2015</b> ,		8
103	Frequency-Minimal Utility-Maximal Moving Target Defense Against DDoS in SDN-Based Systems. <i>IEEE Transactions on Network and Service Management</i> , <b>2020</b> , 17, 890-903	4.8	8
102	Improving Snort performance under Linux. <i>IET Communications</i> , <b>2009</b> , 3, 1883	1.3	8
101	Reliable Middleware for Wireless Sensor-Actuator Networks. <i>IEEE Access</i> , <b>2019</b> , 7, 14099-14111	3.5	8
100	Performance Evaluation of IoT-Fog-Cloud Deployment for Healthcare Services <b>2018</b> ,		8
99	Improved Session Table Architecture for Denial of Stateful Firewall Attacks. <i>IEEE Access</i> , <b>2018</b> , 6, 35528-35543	3.5	8

98	Blockchain for Waste Management in Smart Cities: A Survey. <i>IEEE Access</i> , <b>2021</b> , 9, 131520-131541	3.5	8
97	A privacy-preserving framework for smart context-aware healthcare applications. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2019</b> , e3634	1.9	7
96	Assessing the security of the cloud environment <b>2013</b> ,		7
95	Analyzing the security of Windows 7 and Linux for cloud computing. <i>Computers and Security</i> , <b>2013</b> , 34, 113-122	4.9	7
94	Implementation and experimental evaluation of a simple packet rate estimator. <i>AEU - International Journal of Electronics and Communications</i> , <b>2009</b> , 63, 977-985	2.8	7
93	Blockchain and COVID-19 Pandemic: Applications and Challenges		7
92	Accelerating snort NIDS using NetFPGA-based Bloom filter <b>2014</b> ,		6
91	On Linux starvation of CPU-bound processes in the presence of network I/O. <i>Computers and Electrical Engineering</i> , <b>2011</b> , 37, 1090-1105	4.3	6
90	Comparative packet-forwarding measurement of three popular operating systems. <i>Journal of Network and Computer Applications</i> , <b>2009</b> , 32, 1039-1048	7.9	6
89	An Entropy-Based Countermeasure against Intelligent DoS Attacks Targeting Firewalls <b>2009</b> ,		6
88	. <i>IEEE Access</i> , <b>2020</b> , 8, 225777-225791	3.5	6
87	Dynamic Scalability Model for Containerized Cloud Services. <i>Arabian Journal for Science and Engineering</i> , <b>2020</b> , 45, 10693-10708	2.5	6
86	Blockchain-Based Verifiable Tracking of Resellable Returned Drugs. <i>IEEE Access</i> , <b>2020</b> , 8, 205848-205862,3.5		6
85	Digital Quran Computing: Review, Classification, and Trend Analysis. <i>Arabian Journal for Science and Engineering</i> , <b>2017</b> , 42, 3077-3102	2.5	5
84	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 4183-4196	7.3	5
83	Internet of things: A comparative study <b>2018</b> ,		5
82	Achieving elasticity for cloud MapReduce jobs <b>2013</b> ,		5
81	On the performance of IP-forwarding for multicore multiprocessor Linux hosts. <i>IET Communications</i> , <b>2010</b> , 4, 2166	1.3	5



80	Performance evaluation and comparison of four network packet rate estimators. <i>AEU - International Journal of Electronics and Communications</i> , <b>2010</b> , 64, 1015-1023	2.8	5
79	A probing technique for discovering last-matching rules of a network firewall <b>2008</b> ,		5
78	An Analytical Tool to Assess Readiness of Existing Networks for Deploying IP Telephony <b>2006</b> ,		5
77	Evaluating system performance in Gigabit networks		5
76	Analysis and simulation of interrupt overhead impact on OS throughput in high-speed networks. <i>International Journal of Communication Systems</i> , <b>2005</b> , 18, 501-526	1.7	5
75	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-16	6.1	5
74	Formal analysis of seamless application execution in mobile cloud computing. <i>Journal of Supercomputing</i> , <b>2017</b> , 73, 4466-4492	2.5	4
73	A functional coverage approach for direct testing: An industrial IP as a case study <b>2015</b> ,		4
72	Analysis of Erlangian network services. <i>AEU - International Journal of Electronics and Communications</i> , <b>2014</b> , 68, 623-630	2.8	4
71	3D/TSV enabling technologies for SOC/NOC: Modeling and design challenges <b>2010</b> ,		4
70	Analysis of a two-stage network server. <i>Applied Mathematics and Computation</i> , <b>2011</b> , 217, 9635-9645	2.7	4
69	On the accuracy of two analytical models for evaluating the performance of Gigabit Ethernet hosts. <i>Information Sciences</i> , <b>2006</b> , 176, 3735-3756	7.7	4
68	Integrated performance evaluating criterion for selecting between interrupt coalescing and normal interruption. <i>International Journal of High Performance Computing and Networking</i> , <b>2005</b> , 3, 434	1	4
67	Supply Chain Inventory Sharing Using Ethereum Blockchain and Smart Contracts. <i>IEEE Access</i> , <b>2022</b> , 10, 2345-2356	3.5	4
66	Blockchain-Based Solution for Product Recall Management in the Automotive Supply Chain. <i>IEEE Access</i> , <b>2021</b> , 9, 167756-167775	3.5	4
65	Design and Implementation of CryptoCargo: A Blockchain-Powered Smart Shipping Container for Vaccine Distribution. <i>IEEE Access</i> , <b>2021</b> , 9, 53786-53803	3.5	4
64	Securing Cryptographic Keys in the IaaS Cloud Model <b>2015</b> ,		4
63	Using the Cloud to Teach Computer Networks <b>2015</b> ,		4

62	BigCrypt for big data encryption <b>2017</b> ,		3
61	Modelling and analysis of rule-based network security middleboxes. <i>IET Information Security</i> , <b>2015</b> , 9, 305-312	1.4	3
60	An analytical model to achieve elasticity for cloud-based firewalls <b>2015</b> ,		3
59	TSV-based 3D integration fabrication technologies: An overview <b>2014</b> ,		3
58	Analysis of coupling capacitance between TSVs and metal interconnects in 3D-ICs <b>2012</b> ,		3
57	Statistical analysis of H.264 video frame size distribution. <i>IET Communications</i> , <b>2011</b> , 5, 1978-1986	1.3	3
56	On the performance of a simple packet rate estimator <b>2008</b> ,		3
55	Analytic approach for deploying desktop videoconferencing. <i>IET Communications</i> , <b>2006</b> , 153, 434		3
54	Modeling and Analysis of Interrupt Disable-Enable Scheme. <i>International Conference on Advanced Networking and Applications</i> , <b>2007</b> ,		3
53	PRISED tangle: a privacy-aware framework for smart healthcare data sharing using IOTA tangle. <i>Complex &amp; Intelligent Systems</i> ,1	7.1	3
52	Blockchain and COVID-19 Pandemic: Applications and Challenges		3
51	Blockchain for COVID-19: Review, Opportunities and a Trusted Tracking System		3
50	Cloud adoption for e-learning: Survey and future challenges. <i>Education and Information Technologies</i> , <b>2020</b> , 25, 1417-1438	3.6	3
49	Blockchain for Waste Management in Smart Cities: A Survey		3
48	Detection of compromised smart meters in the Advanced Metering Infrastructure <b>2015</b> ,		2
47	Digital Arabic content: Challenges and opportunities <b>2015</b> ,		2
46	Adaptive Cloud Resource Allocation scheme to minimize SLO response time violation <b>2016</b> ,		2
45	Classifying malicious activities in Honeynets using entropy and volume-based thresholds. <i>Security and Communication Networks</i> , <b>2013</b> , 6, 567-583	1.9	2

44	A Unified UVM Architecture for Flash-Based Memory <b>2017</b> ,		2
43	Cloud-based Arabic reCAPTCHA service: Design and architecture <b>2015</b> ,		2
42	A macro-modeling approach for through silicon via <b>2013</b> ,		2
41	Queuing Analysis of Network Firewalls <b>2010</b> ,		2
40	Discovering last-matching rules in popular open-source and commercial firewalls. <i>International Journal of Internet Protocol Technology</i> , <b>2010</b> , 5, 23	0.3	2
39	Modeling and analysis of PC-based software routers. <i>Computer Communications</i> , <b>2010</b> , 33, 1462-1470	5.1	2
38	<b>2008</b> ,		2
37	Trustworthy IoT Data Streaming using Blockchain and IPFS. <i>IEEE Access</i> , <b>2022</b> , 1-1	3.5	2
36	Blockchain-Based Energy Trading in Electric Vehicles Using an Auctioning and Reputation Scheme. <i>IEEE Access</i> , <b>2021</b> , 9, 165542-165556	3.5	2
35	. <i>IEEE Access</i> , <b>2021</b> , 9, 151944-151959	3.5	2
34	Blockchain for Electric Vehicles Energy Trading: Requirements, Opportunities, and Challenges. <i>IEEE Access</i> , <b>2021</b> , 9, 156947-156961	3.5	2
33	Blockchain-based Supply Chain Traceability for COVID-19 PPE		2
32	Blockchain-Based Decentralized Digital Manufacturing and Supply for COVID-19 Medical Devices and Supplies. <i>IEEE Access</i> , <b>2021</b> , 9, 137923-137940	3.5	2
31	Blockchain-based Solution for COVID-19 Digital Medical Passports and Immunity Certificates		2
30	A 65nm ASIC based 256 NIST prime field ECC processor <b>2016</b> ,		2
29	A novel assertion-based CAD tool for automatic extraction of functional coverage <b>2016</b> ,		2
28	Trustworthy Blockchain Gateways for Resource-Constrained Clients and IoT Devices. <i>IEEE Access</i> , <b>2021</b> , 1-1	3.5	2
27	Constructing Effective UVM Testbench for DRAM Memory Controllers <b>2018</b> ,		2

26	Blockchain-based Forward Supply Chain and Waste Management for COVID-19 Medical Equipment and Supplies		2
25	Blockchain in oil and gas industry: Applications, challenges, and future trends. <i>Technology in Society</i> , <b>2022</b> , 68, 101941	6.3	2
24	Arabic reCAPTCHA Service for Enhancing Digitization of Arabic Manuscripts. <i>Arabian Journal for Science and Engineering</i> , <b>2017</b> , 42, 3391-3408	2.5	1
23	Video-on-Demand (VoD) deployment over hospitality networks. <i>International Journal of Network Management</i> , <b>2012</b> , 22, 65-80	1.8	1
22	RSD based Karatsuba multiplier for ECC processors <b>2013</b> ,		1
21	An area efficient multi-mode memory controller based on dynamic partial reconfiguration <b>2017</b> ,		1
20	Performance of IP-forwarding of Linux hosts with multiple network interfaces. <i>Journal of Network and Computer Applications</i> , <b>2013</b> , 36, 452-465	7.9	1
19	Network-aware resource allocation for cloud elastic applications <b>2013</b> ,		1
18	TSV-based on-chip inductive coupling communications <b>2013</b> ,		1
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