

Khaled Salah

List of Publications by Year in descending order

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235
papers

9,794
citations

70961

41
h-index

45213

90
g-index

275
all docs

275
docs citations

275
times ranked

6564
citing authors

#	ARTICLE	IF	CITATIONS
1	IoT security: Review, blockchain solutions, and open challenges. <i>Future Generation Computer Systems</i> , 2018, 82, 395-411.	4.9	1,686
2	Blockchain for AI: Review and Open Research Challenges. <i>IEEE Access</i> , 2019, 7, 10127-10149.	2.6	596
3	Blockchain-Based Soybean Traceability in Agricultural Supply Chain. <i>IEEE Access</i> , 2019, 7, 73295-73305.	2.6	409
4	Industrial internet of things: Recent advances, enabling technologies and open challenges. <i>Computers and Electrical Engineering</i> , 2020, 81, 106522.	3.0	289
5	DDoS Attack Detection and Mitigation Using SDN: Methods, Practices, and Solutions. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 425-441.	1.7	258
6	The role of big data analytics in industrial Internet of Things. <i>Future Generation Computer Systems</i> , 2019, 99, 247-259.	4.9	234
7	Blockchain for IoT-Based Healthcare: Background, Consensus, Platforms, and Use Cases. <i>IEEE Systems Journal</i> , 2021, 15, 85-94.	2.9	196
8	Combating Deepfake Videos Using Blockchain and Smart Contracts. <i>IEEE Access</i> , 2019, 7, 41596-41606.	2.6	192
9	Blockchain for healthcare data management: opportunities, challenges, and future recommendations. <i>Neural Computing and Applications</i> , 2022, 34, 11475-11490.	3.2	165
10	Trustworthy Blockchain Oracles: Review, Comparison, and Open Research Challenges. <i>IEEE Access</i> , 2020, 8, 85675-85685.	2.6	163
11	Blockchain for COVID-19: Review, Opportunities, and a Trusted Tracking System. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 9895-9911.	1.7	161
12	A Blockchain-Based Approach for Drug Traceability in Healthcare Supply Chain. <i>IEEE Access</i> , 2021, 9, 9728-9743.	2.6	156
13	Smart contract-based approach for efficient shipment management. <i>Computers and Industrial Engineering</i> , 2019, 136, 149-159.	3.4	154
14	Proof of Delivery of Digital Assets Using Blockchain and Smart Contracts. <i>IEEE Access</i> , 2018, 6, 65439-65448.	2.6	150
15	Blockchain for IoT-based smart cities: Recent advances, requirements, and future challenges. <i>Journal of Network and Computer Applications</i> , 2021, 181, 103007.	5.8	139
16	Blockchain for Digital Twins: Recent Advances and Future Research Challenges. <i>IEEE Network</i> , 2020, 34, 290-298.	4.9	136
17	The role of blockchain technology in telehealth and telemedicine. <i>International Journal of Medical Informatics</i> , 2021, 148, 104399.	1.6	123
18	Automating Procurement Contracts in the Healthcare Supply Chain Using Blockchain Smart Contracts. <i>IEEE Access</i> , 2021, 9, 37397-37409.	2.6	109

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19	Privacy Management in Social Internet of Vehicles: Review, Challenges and Blockchain Based Solutions. IEEE Access, 2019, 7, 79694-79713.	2.6	105
20	EDoS-Shield - A Two-Steps Mitigation Technique against EDoS Attacks in Cloud Computing. , 2011, , .		102
21	A Blockchain-Based Approach for the Creation of Digital Twins. IEEE Access, 2020, 8, 34113-34126.	2.6	102
22	Efficient and dynamic scaling of fog nodes for IoT devices. Journal of Supercomputing, 2017, 73, 5261-5284.	2.4	97
23	Blockchain-Based Forward Supply Chain and Waste Management for COVID-19 Medical Equipment and Supplies. IEEE Access, 2021, 9, 44905-44927.	2.6	93
24	Blockchain-Based Solution for COVID-19 Digital Medical Passports and Immunity Certificates. IEEE Access, 2020, 8, 222093-222108.	2.6	85
25	Monetization of IoT data using smart contracts. IET Networks, 2019, 8, 32-37.	1.1	82
26	Blockchain-Based Proof of Delivery of Physical Assets With Single and Multiple Transporters. IEEE Access, 2018, 6, 46781-46793.	2.6	78
27	IoT Public Fog Nodes Reputation System: A Decentralized Solution Using Ethereum Blockchain. IEEE Access, 2019, 7, 178082-178093.	2.6	78
28	Blockchain for Giving Patients Control Over Their Medical Records. IEEE Access, 2020, 8, 193102-193115.	2.6	73
29	Blockchain-based Supply Chain Traceability for COVID-19 personal protective equipment. Computers and Industrial Engineering, 2022, 167, 107995.	3.4	73
30	Performance Modeling and Analysis of Network Firewalls. IEEE Transactions on Network and Service Management, 2012, 9, 12-21.	3.2	68
31	Blockchain applications and architectures for port operations and logistics management. Research in Transportation Business and Management, 2021, 41, 100620.	1.6	68
32	Blockchain for explainable and trustworthy artificial intelligence. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2020, 10, e1340.	4.6	67
33	Trust in Blockchain Cryptocurrency Ecosystem. IEEE Transactions on Engineering Management, 2020, 67, 1196-1212.	2.4	67
34	A High-Speed FPGA Implementation of an RSD-Based ECC Processor. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2016, 24, 151-164.	2.1	63
35	Improving Opportunities in Healthcare Supply Chain Processes via the Internet of Things and Blockchain Technology. International Journal of Healthcare Information Systems and Informatics, 2019, 14, 49-65.	1.0	62
36	Toward Offloading Internet of Vehicles Applications in 5G Networks. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4151-4159.	4.7	57

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37	TrustFed: A Framework for Fair and Trustworthy Cross-Device Federated Learning in IIoT. IEEE Transactions on Industrial Informatics, 2021, 17, 8485-8494.	7.2	56
38	Enhancing Vendor Managed Inventory Supply Chain Operations Using Blockchain Smart Contracts. IEEE Access, 2020, 8, 182704-182719.	2.6	51
39	An Analytical Model for Estimating Cloud Resources of Elastic Services. Journal of Network and Systems Management, 2016, 24, 285-308.	3.3	50
40	Impact of CPU Utilization Thresholds and Scaling Size on Autoscaling Cloud Resources. , 2013, , .		47
41	Ensuring protocol compliance and data transparency in clinical trials using Blockchain smart contracts. BMC Medical Research Methodology, 2020, 20, 224.	1.4	47
42	Applications of Blockchain Technology in Clinical Trials: Review and Open Challenges. Arabian Journal for Science and Engineering, 2021, 46, 3001-3015.	1.7	47
43	Blockchain-Based Traceability and Management for Additive Manufacturing. IEEE Access, 2020, 8, 188363-188377.	2.6	46
44	Blockchain Technology for Smart Grids: Decentralized NIST Conceptual Model. IEEE Access, 2020, 8, 43177-43190.	2.6	46
45	COLIDE: a collaborative intrusion detection framework for Internet of Things. IET Networks, 2019, 8, 3-14.	1.1	44
46	Distributed security for multi-agent systems “ review and applications. IET Information Security, 2010, 4, 188.	1.1	43
47	Blockchain-Based Solution for the Traceability of Spare Parts in Manufacturing. IEEE Access, 2020, 8, 100308-100322.	2.6	43
48	Blockchain for aerospace and defense: Opportunities and open research challenges. Computers and Industrial Engineering, 2021, 151, 106982.	3.4	43
49	Enhanced EDoS-Shield for Mitigating EDoS Attacks Originating from Spoofed IP Addresses. , 2012, , .		42
50	VDC-Analyst: Design and verification of virtual desktop cloud resource allocations. Computer Networks, 2014, 68, 110-122.	3.2	41
51	Blockchain-Based Solution for Proof of Delivery of Physical Assets. Lecture Notes in Computer Science, 2018, , 139-152.	1.0	41
52	Performance modelling and analysis of Internet of Things enabled healthcare monitoring systems. IET Networks, 2019, 8, 48-58.	1.1	41
53	A Review of Performance, Energy and Privacy of Intrusion Detection Systems for IoT. Electronics (Switzerland), 2020, 9, 629.	1.8	41
54	An OPNET-based simulation approach for deploying VoIP. International Journal of Network Management, 2006, 16, 159-183.	1.4	40

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55	Implementing decentralized auctions using blockchain smart contracts. <i>Technological Forecasting and Social Change</i> , 2021, 168, 120786.	6.2	40
56	Blockchain for deep learning: review and open challenges. <i>Cluster Computing</i> , 2023, 26, 197-221.	3.5	40
57	A Queueing Model to Achieve Proper Elasticity for Cloud Cluster Jobs. , 2013, , .		37
58	Blockchain-Based Solution for Distribution and Delivery of COVID-19 Vaccines. <i>IEEE Access</i> , 2021, 9, 71372-71387.	2.6	37
59	Blockchain-Based Digital Twins: Research Trends, Issues, and Future Challenges. <i>ACM Computing Surveys</i> , 2022, 54, 1-34.	16.1	37
60	Modeling and Analysis of Performance and Energy Consumption in Cloud Data Centers. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 7789-7802.	1.7	36
61	Implementation and experimental performance evaluation of a hybrid interrupt-handling scheme. <i>Computer Communications</i> , 2009, 32, 179-188.	3.1	35
62	Review of Elliptic Curve Cryptography processor designs. <i>Microprocessors and Microsystems</i> , 2015, 39, 97-112.	1.8	35
63	Decentralized Access Control for IoT Data Using Blockchain and Trusted Oracles. , 2019, , .		35
64	Performance evaluation comparison of Snort NIDS under Linux and Windows Server. <i>Journal of Network and Computer Applications</i> , 2010, 33, 6-15.	5.8	34
65	Teaching Cybersecurity Using the Cloud. <i>IEEE Transactions on Learning Technologies</i> , 2015, 8, 383-392.	2.2	34
66	Monetization of Services Provided by Public Fog Nodes Using Blockchain and Smart Contracts. <i>IEEE Access</i> , 2020, 8, 20118-20128.	2.6	34
67	On the deployment of VoIP in Ethernet networks: methodology and case study. <i>Computer Communications</i> , 2006, 29, 1039-1054.	3.1	33
68	A UVM-based smart functional verification platform: Concepts, pros, cons, and opportunities. , 2014, , .		33
69	Blockchain-Based Framework for Protecting Author Royalty of Digital Assets. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 3849-3866.	1.7	33
70	Blockchain-Based Multi-Party Authorization for Accessing IPFS Encrypted Data. <i>IEEE Access</i> , 2020, 8, 196813-196825.	2.6	32
71	Blockchain for Waste Management in Smart Cities: A Survey. <i>IEEE Access</i> , 2021, 9, 131520-131541.	2.6	32
72	Estimating service response time for elastic cloud applications. , 2012, , .		31

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73	A Survey on Autonomic Provisioning and Management of QoS in SDN Networks. IEEE Access, 2019, 7, 73384-73435.	2.6	31
74	Design and Implementation of CryptoCargo: A Blockchain-Powered Smart Shipping Container for Vaccine Distribution. IEEE Access, 2021, 9, 53786-53803.	2.6	31
75	appXchain: Application-Level Interoperability for Blockchain Networks. IEEE Access, 2021, 9, 87777-87791.	2.6	31
76	Fully Decentralized Multi-Party Consent Management for Secure Sharing of Patient Health Records. IEEE Access, 2020, 8, 225777-225791.	2.6	31
77	Evaluation of the Impact of EDoS Attacks Against Cloud Computing Services. Arabian Journal for Science and Engineering, 2015, 40, 773-785.	1.1	30
78	Trustworthy IoT Data Streaming Using Blockchain and IPFS. IEEE Access, 2022, 10, 17707-17721.	2.6	30
79	Performance analysis and comparison of interrupt-handling schemes in gigabit networks. Computer Communications, 2007, 30, 3425-3441.	3.1	29
80	Stochastic modelling and analysis of cloud computing data center. , 2017, , .		29
81	epcAware: A Game-Based, Energy, Performance and Cost-Efficient Resource Management Technique for Multi-Access Edge Computing. IEEE Transactions on Services Computing, 2022, 15, 1634-1648.	3.2	29
82	Supply Chain Inventory Sharing Using Ethereum Blockchain and Smart Contracts. IEEE Access, 2022, 10, 2345-2356.	2.6	29
83	Blockchain-Based Decentralized Reverse Bidding in Fog Computing. IEEE Access, 2020, 8, 81686-81697.	2.6	28
84	Using Cloud Computing to Implement a Security Overlay Network. IEEE Security and Privacy, 2012, , 1-1.	1.5	27
85	Analytical Model for Elastic Scaling of Cloud-Based Firewalls. IEEE Transactions on Network and Service Management, 2017, 14, 136-146.	3.2	27
86	COVID-19 Contact Tracing Using Blockchain. IEEE Access, 2021, 9, 62956-62971.	2.6	27
87	Performance analysis of multi-core VMs hosting cloud SaaS applications. Computer Standards and Interfaces, 2018, 55, 126-135.	3.8	26
88	An In-Depth Empirical Investigation of State-of-the-Art Scheduling Approaches for Cloud Computing. IEEE Access, 2020, 8, 128282-128294.	2.6	25
89	To coalesce or not to coalesce. AEU - International Journal of Electronics and Communications, 2007, 61, 215-225.	1.7	24
90	Dynamic VM allocation and traffic control to manage QoS and energy consumption in cloud computing environment. International Journal of Computer Applications in Technology, 2019, 60, 307.	0.3	24

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91	An FPGA implementation of NIST 256 prime field ECC processor. , 2013, , .		23
92	Clustering the Dominant Defective Patterns in Semiconductor Wafer Maps. IEEE Transactions on Semiconductor Manufacturing, 2018, 31, 156-165.	1.4	23
93	Reliable Middleware for Wireless Sensor-Actuator Networks. IEEE Access, 2019, 7, 14099-14111.	2.6	23
94	Blockchain in oil and gas industry: Applications, challenges, and future trends. Technology in Society, 2022, 68, 101941.	4.8	23
95	Equivalent lumped element models for various n-port Through Silicon Vias networks. , 2011, , .		21
96	Mitigation of DHCP starvation attack. Computers and Electrical Engineering, 2012, 38, 1115-1128.	3.0	21
97	A Modbus traffic generator for evaluating the security of SCADA systems. , 2014, , .		21
98	A potential low-rate DoS attack against network firewalls. Security and Communication Networks, 2011, 4, 136-146.	1.0	20
99	Blockchain Architectures for Physical Internet: A Vision, Features, Requirements, and Applications. IEEE Network, 2021, 35, 174-181.	4.9	20
100	Assessing readiness of IP networks to support desktop videoconferencing using OPNET. Journal of Network and Computer Applications, 2008, 31, 921-943.	5.8	19
101	Harnessing the cloud for teaching cybersecurity. , 2014, , .		19
102	Performance Study of MANET Routing Protocols in VANET. Arabian Journal for Science and Engineering, 2017, 42, 3115-3126.	1.7	19
103	Frequency-Minimal Utility-Maximal Moving Target Defense Against DDoS in SDN-Based Systems. IEEE Transactions on Network and Service Management, 2020, 17, 890-903.	3.2	19
104	Architecture to manage Internet of Things Data using Blockchain and Fog Computing. , 2019, , .		19
105	Compact lumped element model for TSV in 3D-ICs. , 2011, , .		18
106	Dynamic Scalability Model for Containerized Cloud Services. Arabian Journal for Science and Engineering, 2020, 45, 10693-10708.	1.7	18
107	Blockchain-Based Decentralized Digital Manufacturing and Supply for COVID-19 Medical Devices and Supplies. IEEE Access, 2021, 9, 137923-137940.	2.6	18
108	Improving Snort performance under Linux. IET Communications, 2009, 3, 1883.	1.5	17

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109	Performance modeling and analysis of hypoexponential network servers. Telecommunication Systems, 2017, 65, 717-728.	1.6	17
110	A Novel Contract Theory-Based Incentive Mechanism for Cooperative Task-Offloading in Electrical Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 8380-8395.	4.7	17
111	The Role of Blockchain Technology in Aviation Industry. IEEE Aerospace and Electronic Systems Magazine, 2021, 36, 4-15.	2.3	17
112	Blockchain for Electric Vehicles Energy Trading: Requirements, Opportunities, and Challenges. IEEE Access, 2021, 9, 156947-156961.	2.6	17
113	PRISED tangle: a privacy-aware framework for smart healthcare data sharing using IOTA tangle. Complex & Intelligent Systems, 2023, 9, 3023-3041.	4.0	17
114	Review of gate-level differential power analysis and fault analysis countermeasures. IET Information Security, 2014, 8, 51-66.	1.1	16
115	Performance Evaluation of IoT-Fog-Cloud Deployment for Healthcare Services. , 2018, , .		16
116	Blockchain-Based Solution for Product Recall Management in the Automotive Supply Chain. IEEE Access, 2021, 9, 167756-167775.	2.6	15
117	Blockchain-Based Verifiable Tracking of Resellable Returned Drugs. IEEE Access, 2020, 8, 205848-205862.	2.6	14
118	Blockchain-Enabled Telehealth Services Using Smart Contracts. IEEE Access, 2021, 9, 151944-151959.	2.6	14
119	Analyzing the security of Windows 7 and Linux for cloud computing. Computers and Security, 2013, 34, 113-122.	4.0	13
120	Assessing the security of the cloud environment. , 2013, , .		12
121	Improved Session Table Architecture for Denial of Stateful Firewall Attacks. IEEE Access, 2018, 6, 35528-35543.	2.6	12
122	Blockchain-Based Management of Blood Donation. IEEE Access, 2021, 9, 163016-163032.	2.6	12
123	Boosting throughput of Snort NIDS under Linux. , 2008, , .		11
124	Implementation and verification of a generic universal memory controller based on UVM. , 2015, , .		11
125	An Experimental Evaluation of the EDoS-Shield Mitigation Technique for Securing the Cloud. Arabian Journal for Science and Engineering, 2016, 41, 5037-5047.	1.1	11
126	Digital Quran Computing: Review, Classification, and Trend Analysis. Arabian Journal for Science and Engineering, 2017, 42, 3077-3102.	1.7	11

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127	Blockchain-Based Management for Organ Donation and Transplantation. IEEE Access, 2022, 10, 59013-59025.	2.6	11
128	Evaluating system performance in gigabit networks. , 0, , .		10
129	Multi-Agent pattern recognition mechanism for detecting distributed denial of service attacks. IET Information Security, 2010, 4, 333.	1.1	10
130	Internet of things: A comparative study. , 2018, , .		10
131	A privacyâ€preserving framework for smart contextâ€aware healthcare applications. Transactions on Emerging Telecommunications Technologies, 2019, , e3634.	2.6	10
132	Cloud adoption for e-learning: Survey and future challenges. Education and Information Technologies, 2020, 25, 1417-1438.	3.5	10
133	An Entropy-Based Countermeasure against Intelligent DoS Attacks Targeting Firewalls. , 2009, , .		9
134	On Linux starvation of CPU-bound processes in the presence of network I/O. Computers and Electrical Engineering, 2011, 37, 1090-1105.	3.0	9
135	Analysis of a two-stage network server. Applied Mathematics and Computation, 2011, 217, 9635-9645.	1.4	9
136	Achieving elasticity for cloud MapReduce jobs. , 2013, , .		9
137	Accelerating snort NIDS using NetFPGA-based Bloom filter. , 2014, , .		9
138	Development of a Generic and a Reconfigurable UVM-Based Verification Environment for SoC Buses. , 2019, , .		9
139	Blockchain-Based Energy Trading in Electric Vehicles Using an Auctioning and Reputation Scheme. IEEE Access, 2021, 9, 165542-165556.	2.6	9
140	Analysis and simulation of interrupt overhead impact on OS throughput in high-speed networks. International Journal of Communication Systems, 2005, 18, 501-526.	1.6	8
141	Comparative packet-forwarding measurement of three popular operating systems. Journal of Network and Computer Applications, 2009, 32, 1039-1048.	5.8	8
142	Queuing Analysis of Network Firewalls. , 2010, , .		8
143	Constructing Effective UVM Testbench for DRAM Memory Controllers. , 2018, , .		8
144	Blockchain-Based Solution for the Administration of Controlled Medication. IEEE Access, 2021, 9, 145397-145414.	2.6	8

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145	Implementation and experimental evaluation of a simple packet rate estimator. AEU - International Journal of Electronics and Communications, 2009, 63, 977-985.	1.7	7
146	On the performance of IP-forwarding for multicore multiprocessor Linux hosts. IET Communications, 2010, 4, 2166.	1.5	7
147	Statistical analysis of H.264 video frame size distribution. IET Communications, 2011, 5, 1978-1986.	1.5	7
148	Memory controller architectures: A comparative study. , 2013, , .		7
149	Analysis of Erlangian network services. AEU - International Journal of Electronics and Communications, 2014, 68, 623-630.	1.7	7
150	Automating the Configuration of MapReduce: A Reinforcement Learning Scheme. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4183-4196.	5.9	7
151	Using the Cloud to Teach Computer Networks. , 2015, , .		7
152	Integrated performance evaluating criterion for selecting between interrupt coalescing and normal interruption. International Journal of High Performance Computing and Networking, 2005, 3, 434.	0.4	6
153	A probing technique for discovering last-matching rules of a network firewall. , 2008, , .		6
154	A functional coverage approach for direct testing: An industrial IP as a case study. , 2015, , .		6
155	BigCrypt for big data encryption. , 2017, , .		6
156	An Automated Lightweight UVM Tool. , 2018, , .		6
157	An Analytical Tool to Assess Readiness of Existing Networks for Deploying IP Telephony. , 2006, , .		5
158	On Modelling and Analysis of Receive Livelock and Cpu Utilization in High-Speed Networks. International Journal of Computers and Applications, 2006, 28, 162-169.	0.8	5
159	On the performance of a simple packet rate estimator. , 2008, , .		5
160	Performance evaluation and comparison of four network packet rate estimators. AEU - International Journal of Electronics and Communications, 2010, 64, 1015-1023.	1.7	5
161	Modeling and analysis of PC-based software routers. Computer Communications, 2010, 33, 1462-1470.	3.1	5
162	3D/TSV enabling technologies for SOC/NOC: Modeling and design challenges. , 2010, , .		5

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163	TSV-based 3D integration fabrication technologies: An overview. , 2014, , .		5
164	TGV versus TSV: A comparative analysis. , 2016, , .		5
165	Formal analysis of seamless application execution in mobile cloud computing. Journal of Supercomputing, 2017, 73, 4466-4492.	2.4	5
166	Arabic reCAPTCHA Service for Enhancing Digitization of Arabic Manuscripts. Arabian Journal for Science and Engineering, 2017, 42, 3391-3408.	1.7	5
167	A Unified UVM Architecture for Flash-Based Memory. , 2017, , .		5
168	Securing Cryptographic Keys in the IaaS Cloud Model. , 2015, , .		5
169	On the accuracy of two analytical models for evaluating the performance of Gigabit Ethernet hosts. Information Sciences, 2006, 176, 3735-3756.	4.0	4
170	Modeling and Analysis of Interrupt Disable-Enable Scheme. International Conference on Advanced Networking and Applications, 2007, , .	0.0	4
171	Cloud-based Arabic reCAPTCHA service: Design and architecture. , 2015, , .		4
172	Detection of compromised smart meters in the Advanced Metering Infrastructure. , 2015, , .		4
173	Finite element emulation-based solver for electromagnetic computations. , 2015, , .		4
174	Digital Arabic content: Challenges and opportunities. , 2015, , .		4
175	Coverage Closure Efficient UVM Based Generic Verification Architecture for Flash Memory Controllers. , 2016, , .		4
176	An area efficient multi-mode memory controller based on dynamic partial reconfiguration. , 2017, , .		4
177	Ultra Low-Power Encryption/Decryption Core for Lightweight IoT Applications. , 2019, , .		4
178	Trustworthy Blockchain Gateways for Resource-Constrained Clients and IoT Devices. IEEE Access, 2021, 9, 132875-132887.	2.6	4
179	A Blockchain-Based Solution for Mitigating Overproduction and Underconsumption of Medical Supplies. IEEE Access, 2022, 10, 71669-71682.	2.6	4
180	Analytic approach for deploying desktop videoconferencing. IET Communications, 2006, 153, 434.	1.0	3

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181	Experimental performance evaluation of a hybrid packet reception scheme for Linux networking subsystem. , 2008, , .		3
182	Analysis of coupling capacitance between TSVs and metal interconnects in 3D-ICs. , 2012, , .		3
183	Classifying malicious activities in Honeynets using entropy and volume-based thresholds. Security and Communication Networks, 2013, 6, 567-583.	1.0	3
184	IP cores design from specifications to production: Modeling, verification, optimization, and protection. , 2013, , .		3
185	Secure Framework for the Return Routability Procedure in MIPv6. , 2013, , .		3
186	An analytical model to achieve elasticity for cloud-based firewalls. , 2015, , .		3
187	Modelling and analysis of rule-based network security middleboxes. IET Information Security, 2015, 9, 305-312.	1.1	3
188	A 65nm ASIC based 256 NIST prime field ECC processor. , 2016, , .		3
189	Adaptive Cloud Resource Allocation scheme to minimize SLO response time violation. , 2016, , .		3
190	Blockchain-Based Solution for Multiple Operator Spectrum Sharing (MOSS) in 5G Networks. , 2020, , .		3
191	CoLocateMe: Aggregation-Based, Energy, Performance and Cost Aware VM Placement and Consolidation in Heterogeneous IaaS Clouds. IEEE Transactions on Services Computing, 2023, 16, 1023-1038.	3.2	3
192	Two analytical models for evaluating performance of Gigabit Ethernet hosts with finite buffer. AEU - International Journal of Electronics and Communications, 2006, 60, 545-556.	1.7	2
193	Resiliency of open-source firewalls against remote discovery of last-matching rules. , 2009, , .		2
194	Discovering last-matching rules in popular open-source and commercial firewalls. International Journal of Internet Protocol Technology, 2010, 5, 23.	0.2	2
195	Video-on-Demand (VoD) deployment over hospitality networks. International Journal of Network Management, 2012, 22, 65-80.	1.4	2
196	An online RTL-level scan-chain-based methodology for accelerating IP emulation debugging at run-time. , 2013, , .		2
197	A TSV-based architecture for AC-DC converters. , 2013, , .		2
198	Performance of IP-forwarding of Linux hosts with multiple network interfaces. Journal of Network and Computer Applications, 2013, 36, 452-465.	5.8	2

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199	A macro-modeling approach for through silicon via. , 2013, , .		2
200	TSV-based on-chip inductive coupling communications. , 2013, , .		2
201	A novel dimensional analysis method for TSV modeling and analysis in three dimensional integrated circuits. , 2014, , .		2
202	A SWOT analysis of TSV: Strengths, weaknesses, opportunities, and threats. , 2015, , .		2
203	A novel assertion-based CAD tool for automatic extraction of functional coverage. , 2016, , .		2
204	MINI-SSD: A Fast Object Detection Framework in Autonomous Driving. , 2020, , .		2
205	An analytical simulator for deploying IP telephony. International Journal of Network Management, 2009, 19, 25-37.	1.4	1
206	Editorial: Multi-agent & distributed information security. IET Information Security, 2010, 4, 185.	1.1	1
207	Identifying network traffic features suitable for honeynet data analysis. , 2011, , .		1
208	Assessing Overhead Cost Associated with Encrypting Swap File. , 2012, , .		1
209	Modeling and analysis of through silicon via: Electromagnetic and device simulation approach. , 2012, , .		1
210	Mitigating starvation of Linux CPU-bound processes in the presence of network I/O. Journal of Systems and Software, 2012, 85, 1899-1914.	3.3	1
211	RSD based Karatsuba multiplier for ECC processors. , 2013, , .		1
212	Performance comparison between air-gap based coaxial TSV and conventional circular TSV in 3D-ICs. , 2013, , .		1
213	Emerging reconfigurable systems: Exploring 3D FPGA architectures. , 2013, , .		1
214	An online parallel CRC32 realization for Hybrid Memory Cube protocol. , 2013, , .		1
215	Network-aware resource allocation for cloud elastic applications. , 2013, , .		1
216	Framework for a NetFPGA-based Snort NIDS. , 2014, , .		1

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