Haider Abbas

List of Publications by Year
in descending order

197 papers	5,613 citations
101496 36 h-index	95218 68 g-index
201 all docs	201 docs citations
201 times ranked	5886 citing authors

#	Article	IF	Citations
1	Fuzziness based semi-supervised learning approach for intrusion detection system. Information Sciences, 2017, 378, 484-497.	4.0	407
2	Blockchain's adoption in IoT: The challenges, and a way forward. Journal of Network and Computer Applications, 2019, 125, 251-279.	5.8	330
3	A Manufacturing Big Data Solution for Active Preventive Maintenance. IEEE Transactions on Industrial Informatics, 2017, 13, 2039-2047.	7.2	324
4	Cloud-Assisted IoT-Based SCADA Systems Security: A Review of the State of the Art and Future Challenges. IEEE Access, 2016, 4, 1375-1384.	2.6	303
5	Gefitinib for oesophageal cancer progressing after chemotherapy (COG): a phase 3, multicentre, double-blind, placebo-controlled randomised trial. Lancet Oncology, The, 2014, 15, 894-904.	5.1	270
6	Edge Computing in IoT-Based Manufacturing. IEEE Communications Magazine, 2018, 56, 103-109.	4.9	218
7	An In-Depth Analysis of IoT Security Requirements, Challenges, and Their Countermeasures via Software-Defined Security. IEEE Internet of Things Journal, 2020, 7, 10250-10276.	5.5	190
8	SS7 Vulnerabilitiesâ€"A Survey and Implementation of Machine Learning vs Rule Based Filtering for Detection of SS7 Network Attacks. IEEE Communications Surveys and Tutorials, 2020, 22, 1337-1371.	24.8	160
9	User-Oriented Virtual Mobile Network Resource Management for Vehicle Communications. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3521-3532.	4.7	140
10	Security Vulnerabilities, Attacks, Countermeasures, and Regulations of Networked Medical Devicesâ€"A Review. IEEE Communications Surveys and Tutorials, 2019, 21, 3723-3768.	24.8	130
11	Applications of artificial intelligence in COVID-19 pandemic: A comprehensive review. Expert Systems With Applications, 2021, 185, 115695.	4.4	119
12	Privacy Preservation in e-Healthcare Environments: State of the Art and Future Directions. IEEE Access, 2018, 6, 464-478.	2.6	95
13	The coexistence of threshold and memory switching characteristics of ALD HfO_2 memristor synaptic arrays for energy-efficient neuromorphic computing. Nanoscale, 2020, 12, 14120-14134.	2.8	88
14	Effect of thickness on the structural, optical and electrical properties of thermally evaporated PbI2 thin films. Journal of Physics and Chemistry of Solids, 2012, 73, 1309-1313.	1.9	82
15	Trust models of internet of smart things: A survey, open issues, and future directions. Journal of Network and Computer Applications, 2019, 137, 93-111.	5.8	77
16	Data Privacy in Cloud-assisted Healthcare Systems: State of the Art and Future Challenges. Journal of Medical Systems, 2016, 40, 155.	2.2	72
17	A Framework to Estimate the Nutritional Value of Food in Real Time Using Deep Learning Techniques. IEEE Access, 2019, 7, 2643-2652.	2.6	66
18	A Cloud-based Healthcare Framework for Security and Patientsâ€™ Data Privacy Using Wireless Body Area Networks. Procedia Computer Science, 2014, 34, 511-517.	1.2	62

#	Article	IF	Citations
19	Reversible transition of volatile to non-volatile resistive switching and compliance current-dependent multistate switching in IGZO/MnO RRAM devices. Applied Physics Letters, 2019, 114, .	1.5	60
20	Controllable analog resistive switching and synaptic characteristics in ZrO2/ZTO bilayer memristive device for neuromorphic systems. Applied Surface Science, 2020, 529, 147107.	3.1	59
21	Arrhythmia classification using Mahalanobis distance based improved Fuzzy C-Means clustering for mobile health monitoring systems. Neurocomputing, 2017, 220, 221-235.	3.5	57
22	Towards engineering in memristors for emerging memory and neuromorphic computing: A review. Journal of Semiconductors, 2021, 42, 013101.	2.0	56
23	Physico chemical properties of l-asparagine l-tartaric acid single crystals: A new nonlinear optical material. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 118, 172-176.	2.0	55
24	Compliance Current-Controlled Conducting Filament Formation in Tantalum Oxide-Based RRAM Devices with Different Top Electrodes. ACS Applied Electronic Materials, 2020, 2, 1154-1161.	2.0	55
25	A framework for preservation of cloud users' data privacy using dynamic reconstruction of metadata. Journal of Network and Computer Applications, 2013, 36, 235-248.	5.8	52
26	Synaptic Characteristics of Amorphous Boron Nitride-Based Memristors on a Highly Doped Silicon Substrate for Neuromorphic Engineering. ACS Applied Materials & Interfaces, 2020, 12, 33908-33916.	4.0	52
27	Malicious insiders attack in IoT based Multi-Cloud e-Healthcare environment: A Systematic Literature Review. Multimedia Tools and Applications, 2018, 77, 21947-21965.	2.6	45
28	Key functions analysis of a novel nonlinear optical D-Ï€-A bridge type (2E)-3-(4-Methylphenyl)-1-(3-nitrophenyl) prop-2-en-1-one chalcone: An experimental and theoretical approach. Optical Materials, 2017, 72, 427-435.	1.7	44
29	Stabilized and RESET-voltage controlled multi-level switching characteristics in ZrO2-based memristors by inserting a-ZTO interface layer. Journal of Alloys and Compounds, 2020, 835, 155256.	2.8	44
30	A memristor crossbar array of titanium oxide for non-volatile memory and neuromorphic applications. Semiconductor Science and Technology, 2017, 32, 065014.	1.0	43
31	A detection and prevention system against collaborative attacks in Mobile Ad hoc Networks. Future Generation Computer Systems, 2017, 68, 416-427.	4.9	42
32	Distributed Denial of Service (DDoS) Attack in Cloud- Assisted Wireless Body Area Networks: A Systematic Literature Review. Journal of Medical Systems, 2014, 38, 128.	2.2	41
33	First principal studies of spectroscopic (IR and Raman, UVâ€"visible), molecular structure, linear and nonlinear optical properties of l-arginine p-nitrobenzoate monohydrate (LANB): A new non-centrosymmetric material. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 147, 84-92.	2.0	41
34	Survey on Mobile User's Data Privacy Threats and Defense Mechanisms. Procedia Computer Science, 2015, 56, 376-383.	1.2	41
35	A physico-chemical approach to study the experimental and theoretical properties of l-ornithine monohydrochloride: An organic nonlinear optical material. Materials Chemistry and Physics, 2015, 155, 36-46.	2.0	39
36	Density functional study of spectroscopy, electronic structure, linear and nonlinear optical properties of l-proline lithium chloride and l-proline lithium bromide monohydrate: For laser applications. Arabian Journal of Chemistry, 2019, 12, 2336-2346.	2.3	39

#	Article	IF	Citations
37	Emulating synaptic plasticity and resistive switching characteristics through amorphous Ta2O5 embedded layer for neuromorphic computing. Ceramics International, 2021, 47, 30764-30776.	2.3	37
38	A first principles study of key electronic, optical, second and third order nonlinear optical properties of 3-(4-chlorophenyl)-1-(pyridin-3-yl) prop-2-en-1-one: a novel D- $$pi $$ Ï€ -A type chalcone derivative. Journal of Computational Electronics, 2018, 17, 9-20.	1.3	34
39	Experimental and theoretical studies on bis(glycine) lithium nitrate (BGLiN): A physico-chemical approach. Journal of Physics and Chemistry of Solids, 2014, 75, 959-965.	1.9	33
40	ALAM: Anonymous Lightweight Authentication Mechanism for SDN-Enabled Smart Homes. IEEE Internet of Things Journal, 2021, 8, 9622-9633.	5.5	33
41	An Edge Computing Node Deployment Method Based on Improved <i>k</i>-Means Clustering Algorithm for Smart Manufacturing. IEEE Systems Journal, 2021, 15, 2230-2240.	2.9	32
42	Dependence of InGaZnO and SnO2 thin film stacking sequence for the resistive switching characteristics of conductive bridge memory devices. Applied Surface Science, 2020, 525, 146390.	3.1	31
43	Security and privacy issues in cloud computing. Annales Des Telecommunications/Annals of Telecommunications, 2017, 72, 233-235.	1.6	30
44	Synaptic Characteristics of an Ultrathin Hexagonal Boron Nitride (<i>h</i>â€BN) Diffusive Memristor. Physica Status Solidi - Rapid Research Letters, 2021, 15, .	1.2	30
45	Bipolar, complementary resistive switching and synaptic properties of sputtering deposited ZnSnO-based devices for electronic synapses. Journal of Alloys and Compounds, 2021, 862, 158416.	2.8	30
46	Internet of things (IoT) design considerations for developers and manufacturers. , 2017, , .		29
47	Cellulose Nanocrystal Based Bioâ€Memristor as a Green Artificial Synaptic Device for Neuromorphic Computing Applications. Advanced Materials Technologies, 2022, 7, 2100744.	3.0	29
48	Resistive switching characteristics in hafnium oxide, tantalum oxide and bilayer devices. Microelectronic Engineering, 2016, 159, 190-197.	1.1	28
49	Enriching Non-negative Matrix Factorization with Contextual Embeddings for Recommender Systems. Neurocomputing, 2020, 380, 246-258.	3.5	28
50	AdDroid: Rule-Based Machine Learning Framework for Android Malware Analysis. Mobile Networks and Applications, 2020, 25, 180-192.	2.2	28
51	A Survey of Authentication Schemes in Telecare Medicine Information Systems. Journal of Medical Systems, 2017, 41, 14.	2.2	27
52	Conductive Bridge Random Access Memory (CBRAM): Challenges and Opportunities for Memory and Neuromorphic Computing Applications. Micromachines, 2022, 13, 725.	1.4	26
53	iBike: Intelligent public bicycle services assisted by data analytics. Future Generation Computer Systems, 2019, 95, 187-197.	4.9	24
54	Fog computing in internet of things: Practical applications and future directions. Peer-to-Peer Networking and Applications, 2019, 12, 1236-1262.	2.6	23

#	Article	IF	Citations
55	A Hybrid Security Mechanism for Intra-WBAN and Inter-WBAN Communications. International Journal of Distributed Sensor Networks, 2013, 9, 842608.	1.3	22
56	On the ground and excited state of glycine–glutaric acid: A new organic material. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 125, 453-457.	2.0	22
57	DAISY: A Detection and Mitigation System Against Denial-of-Service Attacks in Software-Defined Networks. IEEE Systems Journal, 2020, 14, 1933-1944.	2.9	22
58	Mitigating service-oriented attacks using context-based trust for smart cities in IoT networks. Journal of Systems Architecture, 2021, 115, 102028.	2.5	22
59	A framework for cloud forensics evidence collection and analysis using security information and event management. Security and Communication Networks, 2016, 9, 3790-3807.	1.0	20
60	Resistive switching characteristics of manganese oxide thin film and nanoparticle assembly hybrid devices. Japanese Journal of Applied Physics, 2018, 57, 06HC03.	0.8	20
61	Countering cyber threats for industrial applications: An automated approach for malware evasion detection and analysis. Journal of Network and Computer Applications, 2018, 103, 249-261.	5.8	20
62	Forming-free resistive switching characteristics in tantalum oxide and manganese oxide based crossbar array structure. Microelectronic Engineering, 2018, 190, 7-10.	1.1	19
63	Smart e-commerce integration with recommender systems. Electronic Markets, 2019, 29, 219-220.	4.4	19
64	Thickness-dependent monochalcogenide GeSe-based CBRAM for memory and artificial electronic synapses. Nano Research, 2022, 15, 2263-2277.	5.8	19
65	Secure sensors data acquisition and communication protection in eHealthcare: Review on the state of the art. Telematics and Informatics, 2018, 35, 702-726.	3.5	18
66	An enhanced deep learning based framework for web attacks detection, mitigation and attacker profiling. Journal of Network and Computer Applications, 2022, 198, 103270.	5.8	18
67	Adaptive Interference Cancellation of ECG Signals. Sensors, 2017, 17, 942.	2.1	17
68	Quantum chemical investigation on molecular structure, vibrational, photophysical and nonlinear optical properties of l-threoninium picrate: an admirable contender for nonlinear applications. Journal of Computational Electronics, 2018, 17, 1421-1433.	1.3	17
69	Robust, Secure, and Adaptive Trust-Oriented Service Selection in IoT-Based Smart Buildings. IEEE Internet of Things Journal, 2021, 8, 7497-7509.	5.5	17
70	Optimizing the thickness of Ta_2O_5 interfacial barrier layer to limit the oxidization of Ta ohmic interface and ZrO_2 switching layer for multilevel data storage. Journal of Materials Science and Technology, 2022, 106, 98-107.	5.6	17
71	Resistive switching characteristics of $Ag/MnO/CeO_2/Pt$ heterostructures memory devices. Microelectronic Engineering, 2018, 189, 28-32.	1.1	16
72	Handling Insider Threat Through Supervised Machine Learning Techniques. Procedia Computer Science, 2020, 177, 64-71.	1.2	16

#	Article	IF	Citations
73	Simple ammonium salts acting on sigma-1 receptors yield potential treatments for cancer and depression. Scientific Reports, 2020, 10, 9251.	1.6	16
74	DST-HRS: A topic driven hybrid recommender system based on deep semantics. Computer Communications, 2020, 156, 183-191.	3.1	16
75	PCSS: Privacy Preserving Communication Scheme for SDN Enabled Smart Homes. IEEE Sensors Journal, 2022, 22, 17677-17690.	2.4	16
76	Addressing dynamic issues in information security management. Information Management and Computer Security, 2011, 19, 5-24.	1.2	15
77	A hybrid-adaptive neuro-fuzzy inference system for multi-objective regression test suites optimization. Neural Computing and Applications, 2019, 31, 7287-7301.	3.2	15
78	Correlation power analysis of modes of encryption in AES and its countermeasures. Future Generation Computer Systems, 2018, 83, 496-509.	4.9	14
79	Integrated Security, Safety, and Privacy Risk Assessment Framework for Medical Devices. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 1752-1761.	3.9	14
80	CrossRec: Cross-Domain Recommendations Based on Social Big Data and Cognitive Computing. Mobile Networks and Applications, 2018, 23, 1610-1623.	2.2	13
81	A complex event processing framework for an adaptive language learning system. Future Generation Computer Systems, 2019, 92, 857-867.	4.9	13
82	Anticipating Advanced Persistent Threat (APT) countermeasures using collaborative security mechanisms. , 2014, , .		12
83	Performance evaluation of Enhanced Very Fast Decision Tree (EVFDT) mechanism for distributed denial-of-service attack detection in health care systems. Annales Des Telecommunications/Annals of Telecommunications, 2016, 71, 477-487.	1.6	12
84	Resistive switching characteristics in manganese oxide and tantalum oxide devices. Microelectronic Engineering, 2016, 160, 49-53.	1.1	12
85	Information Diffusion Model Based on Social Big Data. Mobile Networks and Applications, 2018, 23, 717-722.	2.2	12
86	Antenna and Propagation Considerations for Amateur UAV Monitoring. IEEE Access, 2018, 6, 28001-28007.	2.6	12
87	CATSWoTS: Context Aware Trustworthy Social Web of Things System. Sensors, 2019, 19, 3076.	2.1	12
88	Anomaly Detection in Wireless Sensor Networks Using Immune-Based Bioinspired Mechanism. International Journal of Distributed Sensor Networks, 2015, 2015, 1-10.	1.3	12
89	A Multi-agent Model for Fire Detection in Coal Mines Using Wireless Sensor Networks. , 2013, , .		11
90	EVFDT: An Enhanced Very Fast Decision Tree Algorithm for Detecting Distributed Denial of Service Attack in Cloud-Assisted Wireless Body Area Network. Mobile Information Systems, 2015, 2015, 1-13.	0.4	11

#	Article	IF	Citations
91	Resistive Switching Characteristics of Tantalum Oxide with Different Top Electrodes. Journal of Nanoscience and Nanotechnology, 2016, 16, 10231-10236.	0.9	11
92	MARC: A Novel Framework for Detecting MITM Attacks in eHealthcare BLE Systems. Journal of Medical Systems, 2019, 43, 324.	2.2	11
93	Auto-MeDiSine: an auto-tunable medical decision support engine using an automated class outlier detection method and AutoMLP. Neural Computing and Applications, 2020, 32, 2621-2633.	3.2	11
94	Context-oriented trust computation model for industrial Internet of Things. Computers and Electrical Engineering, 2021, 92, 107123.	3.0	11
95	Resistive Switching Characteristics of Tantalum Oxide and Titanium Oxide Heterojunction Devices. Journal of Nanoscience and Nanotechnology, 2017, 17, 7150-7154.	0.9	10
96	Framework for Calculating Return on Security Investment (ROSI) for Security-Oriented Organizations. Future Generation Computer Systems, 2019, 95, 754-763.	4.9	10
97	Versatile GeS-based CBRAM with compliance-current-controlled threshold and bipolar resistive switching for electronic synapses. Applied Materials Today, 2022, 29, 101554.	2.3	10
98	Spectroscopic study of sulforhodamine 640-doped sol–gel silica. Journal of Luminescence, 2005, 114, 162-166.	1.5	9
99	User Privacy Issues in Eucalyptus: A Private Cloud Computing Environment. , 2011, , .		9
100	First principle calculation of the photophysical properties of silylated coumarins 120 and 151. Computational and Theoretical Chemistry, 2012, 992, 55-58.	1.1	9
101	Data Warehousing Based Computer Forensics Investigation Framework. , 2015, , .		9
102	Survey on cybersecurity issues in wireless mesh networks based eHealthcare. , 2016, , .		9
103	Simulation-based evaluation of frequency upscaled operation of exact/approximate ripple carry adders. , 2017, , .		9
104	Defence against PUE attacks in ad hoc cognitive radio networks: a mean field game approach. Telecommunication Systems, 2019, 70, 123-140.	1.6	9
105	Blockchain-Based Public Key Infrastructure: A Transparent Digital Certification Mechanism for Secure Communication. IEEE Network, 2021, 35, 220-225.	4.9	9
106	Distributed Denial of Service Attack Source Detection Using Efficient Traceback Technique (ETT) in Cloud-Assisted Healthcare Environment. Journal of Medical Systems, 2016, 40, 161.	2.2	8
107	Feasibility analysis for deploying national healthcare information system (NHIS) for Pakistan. , 2017, , .		8
108	Algebraic Side Channel Attack on Trivium and Grain Ciphers. IEEE Access, 2017, 5, 23958-23968.	2.6	8

#	Article	IF	Citations
109	Forming-free resistive switching characteristics in manganese oxide and hafnium oxide devices. Japanese Journal of Applied Physics, 2019, 58, 044001.	0.8	8
110	Textual analysis of traitor-based dataset through semi supervised machine learning. Future Generation Computer Systems, 2021, 125, 652-660.	4.9	8
111	Analyzing Feasibility for Deploying Very Fast Decision Tree for DDoS Attack Detection in Cloud-Assisted WBAN. Lecture Notes in Computer Science, 2014, , 507-519.	1.0	7
112	Dynamic performance improvement of MMC inverter with STATCOM capability interfacing PMSG wind turbines with grid. , 2015, , .		7
113	A framework to address inconstant user requirements in cloud SLAs management. Cluster Computing, 2015, 18, 123-133.	3.5	7
114	Empirical Studies of ECG Multiple Fiducial-Points Based Binary Sequence Generation (MFBSG) Algorithm in E-Health Sensor Platform. , 2016, , .		7
115	Accelerated Dynamic MRI Using Kernel-Based Low Rank Constraint. Journal of Medical Systems, 2019, 43, 271.	2.2	7
116	Fingerprint Access Control for Wireless Insulin Pump Systems Using Cancelable Delaunay Triangulations. IEEE Access, 2019, 7, 75629-75641.	2.6	7
117	Approximate computing using frequency upscaling. IET Circuits, Devices and Systems, 2019, 13, 1018-1026.	0.9	7
118	AndroKit: A toolkit for forensics analysis of web browsers on android platform. Future Generation Computer Systems, 2019, 94, 781-794.	4.9	7
119	On the efficiency of software implementations of lightweight block ciphers from the perspective of programming languages. Future Generation Computer Systems, 2020, 104, 43-59.	4.9	7
120	A name disambiguation module for intelligent robotic consultant in industrial internet of things. Mechanical Systems and Signal Processing, 2020, 136, 106413.	4.4	7
121	Hazards of Using Masking Protocols When Performing Ligand Binding Assays: Lessons From the Sigma-1 and Sigma-2 Receptors. Frontiers in Pharmacology, 2020, 11, 309.	1.6	7
122	Security characterization for evaluation of software architectures using ATAM. , 2009, , .		6
123	The forming-free bipolar resistive switching characteristics of Ag_2Se thin film. Journal Physics D: Applied Physics, 2017, 50, 205103.	1.3	6
124	Enterprise Integration Patterns in SDN: A Reliable, Fault-Tolerant Communication Framework. IEEE Internet of Things Journal, 2021, 8, 6359-6371.	5.5	6
125	Detection and Prevention of Black Hole Attacks in Mobile Ad hoc Networks. Lecture Notes in Computer Science, 2015, , 111-122.	1.0	6
126	Option Based Evaluation: Security Evaluation of IT Products Based on Options Theory. , 2009, , .		5

#	Article	IF	Citations
127	Theoretical investigation of the ground and excited state of silylated coumarin. Journal of Luminescence, 2011, 131, 2391-2394.	1.5	5
128	Fluorescence quenching of rhodamine 6G by 1,3,5-Trinitroperhydro-1,3,5- triazine entrapped in porous solâ€"gel silica. Journal of Luminescence, 2015, 168, 88-91.	1.5	5
129	Distributed denial of service (DDoS) attack detection using data mining approach in cloud-assisted wireless body area networks. International Journal of Ad Hoc and Ubiquitous Computing, 2016, 23, 24.	0.3	5
130	Identifying an OpenID antiâ€phishing scheme for cyberspace. Security and Communication Networks, 2016, 9, 481-491.	1.0	5
131	First-principles study of interaction of serine with nucleobases of DNA and RNA. Journal of Biological Physics, 2017, 43, 105-111.	0.7	5
132	A study on the resistance switching of Ag2Se and Ta2O5heterojunctions using structural engineering. Nanotechnology, 2018, 29, 035202.	1.3	5
133	<scp>USB</scp> Storage Device Forensics for Windows 10. Journal of Forensic Sciences, 2018, 63, 856-867.	0.9	5
134	Context Based Trust Formation Using Direct User-Experience in the Internet of Things(IoT). , 2019, , .		5
135	Cybersecurity Standards in the Context of Operating System. ACM Computing Surveys, 2022, 54, 1-36.	16.1	5
136	Application Threats to Exploit Northbound Interface Vulnerabilities in Software Defined Networks. ACM Computing Surveys, 2022, 54, 1-36.	16.1	5
137	Dynamically Changing Service Level Agreements (SLAs) Management in Cloud Computing. Lecture Notes in Computer Science, 2014, , 434-443.	1.0	5
138	Thermally assisted ECR etching of CdTe in CCl2F2/Ar discharge under different gas flow ratio. Materials Science in Semiconductor Processing, 2010, 13, 102-104.	1.9	4
139	A Survey on Network Layer Attacks and AODV Defense in Mobile Ad Hoc Networks. , 2014, , .		4
140	Feasibility analysis for incorporating/deploying SIEM for forensics evidence collection in cloud environment. , 2015, , .		4
141	Flow Constraint Language for Coordination by Exogenous Connectors. IEEE Access, 2019, 7, 138341-138352.	2.6	4
142	Assessing Outcomes and Prognostic Factors for First-Line Therapy in Elderly Patients With Metastatic Renal Cell Carcinoma: Real-Life Data From a Single United Kingdom Institution. Clinical Genitourinary Cancer, 2019, 17, e658-e663.	0.9	4
143	Efficient attribute-based encryption with repeated attributes optimization. International Journal of Information Security, 2021, 20, 431-444.	2.3	4
144	AdS: An adaptive spectrum sensing technique for survivability under jamming attack in Cognitive Radio Networks. Computer Communications, 2021, 172, 25-34.	3.1	4

#	Article	IF	Citations
145	What Every Intensivist should Know about Impairment of Cardiac Function and Arrhythmias in Liver Disease Patients: A Review. Indian Journal of Critical Care Medicine, 2020, 24, 1251-1255.	0.3	4
146	A deep learning assisted personalized deception system for countering web application attacks. Journal of Information Security and Applications, 2022, 67, 103169.	1.8	4
147	Automatic diagnosis from electrocardiograms (ECGs). International Journal of Systems Science, 1988, 19, 2157-2162.	3.7	3
148	Adaptability infrastructure for bridging IT security evaluation and options theory. , 2009, , .		3
149	A Structured Approach for Internalizing Externalities Caused by IT Security Mechanisms. , 2010, , .		3
150	Anticipating Dormant Functionality in Malware: A Semantics Based Approach. , 2013, , .		3
151	Ease or Privacy? A Comprehensive Analysis of Android Embedded Adware. , 2018, , .		3
152	A unified framework for automated inspection of handheld safety critical devices in production assemblies. Future Generation Computer Systems, 2018, 88, 342-356.	4.9	3
153	Forensic Analysis of LinkedIn's Desktop Application on Windows 10 OS. Advances in Intelligent Systems and Computing, 2019, , 57-62.	0.5	3
154	Incast Mitigation in a Data Center Storage Cluster Through a Dynamic Fair-Share Buffer Policy. IEEE Access, 2019, 7, 10718-10733.	2.6	3
155	Load Balanced Routing for Lifetime Maximization in Mobile Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2014, 10, 979086.	1.3	3
156	Simulation-Based Evaluation of Approximate Adders for Image Processing Using Voltage Overscaling Method. , 2020, , .		3
157	The behaviour of zinc and zinc-silver alloys in the presence of some inhibitors. Corrosion Science, 1973, 13, 545-552.	3.0	2
158	Forensic artifacts modeling for social media client applications to enhance investigatory learning mechanisms. Journal of Intelligent and Fuzzy Systems, 2016, 31, 2645-2658.	0.8	2
159	Analyzing Packet Forwarding Schemes for Selfish Behavior in MANETs. Advances in Intelligent Systems and Computing, 2016, , 227-236.	0.5	2
160	Resistive Switching Characteristics of Ta_2O_5 Thin Film and Maghemite Nanoparticles Assembly Hybrid Device. Journal of Nanoscience and Nanotechnology, 2016, 16, 10225-10230.	0.9	2
161	Electronic crime investigations in a virtualised environment: a forensic process and prototype for evidence collection and analysis. Australian Journal of Forensic Sciences, 2018, 50, 183-208.	0.7	2
162	Enhancing E-Healthcare Privacy Preservation Framework through L-Diversity. , 2018, , .		2

#	Article	IF	Citations
163	Forming-free resistive switching characteristics of manganese oxide and cerium oxide bilayers with crossbar array structure. Japanese Journal of Applied Physics, 2018, 57, 086501.	0.8	2
164	A Deep Learning Framework to Predict Rating for Cold Start Item Using Item Metadata. , 2019, , .		2
165	IEEE Access Special Section: Security Analytics and Intelligence for Cyber Physical Systems. IEEE Access, 2020, 8, 208195-208198.	2.6	2
166	Analytical study of hardware-rooted security standards and their implementation techniques in mobile. Telecommunication Systems, 2020, 74, 379-403.	1.6	2
167	Cognitive computing for intelligent application and service. Neural Computing and Applications, 2020, 32, 4315-4316.	3.2	2
168	Cryptographic Framework for Role Control Remedy: A Secure Role Engineering mechanism for Single Authority Organizations. Future Generation Computer Systems, 2021, 117, 245-258.	4.9	2
169	A framework to predict early news popularity using deep temporal propagation patterns. Expert Systems With Applications, 2022, 195, 116496.	4.4	2
170	Neutral-neutral reactions for the formation of C3O and C3S. Astrophysics and Space Science, 2014, 351, 53-57.	0.5	1
171	Guest editorial: Secure cloud computing for mobile health services. Peer-to-Peer Networking and Applications, 2016, 9, 809-811.	2.6	1
172	A Framework to Determine Applicationsâ€™ Authenticity. Procedia Computer Science, 2019, 155, 268-275.	1.2	1
173	Interaction and damage of nucleobases of DNA and RNA caused by silicon nanoparticle and crystalline silica: First principles study. Computational and Theoretical Chemistry, 2019, 1154, 26-30.	1.1	1
174	Profiling Vulnerabilities Threatening Dual Persona in Android Framework. , 2020, , .		1
175	Multi-task reading for intelligent legal services. Future Generation Computer Systems, 2020, 113, 218-227.	4.9	1
176	Excited state and charge transfer dynamics in gas phase molecule of CH3NH3PbI3: first-principles study. Journal of Molecular Modeling, 2021, 27, 27.	0.8	1
177	Incorporating Blockchain into Role Engineering: A Reference Architecture Using ISO/IEC/IEEE 42010 Notation. Advances in Intelligent Systems and Computing, 2020, , 183-189.	0.5	1
178	ENCVIDC: an innovative approach for encoded video content classification. Neural Computing and Applications, 2022, 34, 18685-18702.	3.2	1
179	New technique for detection and height estimation of buried metallic objects. International Journal of Systems Science, 1989, 20, 1157-1161.	3.7	0
180	Increasing the Performance of Crab Linux Router Simulation Package Using XEN. , 2006, , .		0

#	Article	IF	Citations
181	WLAN Location Privacy: A Client Server Based Architecture. , 2013, , .		0
182	Security, Safety and Trust Management (SSTM â€˜17). , 2017, , .		0
183	Forensic investigation to detect forgeries in ASF files of contemporary IP cameras. Journal of Supercomputing, 2018, 74, 5060-5081.	2.4	0
184	Mobile Intelligence Assisted by Data Analytics and Cognitive Computing. Wireless Communications and Mobile Computing, 2018, 2018, 1-2.	0.8	0
185	Absorption spectra of iodine substituted coumarin 120. AIP Conference Proceedings, 2019, , .	0.3	0
186	Security Safety and Trust Management (SSTM' 19). , 2019, , .		0
187	Delay Reduction Through Optimal Controller Placement to Boost Scalability in an SDDC. IEEE Systems Journal, 2020, 14, 4489-4499.	2.9	0
188	Kleptographic Attack on Elliptic Curve Based Cryptographic Protocols. IEEE Access, 2020, 8, 139903-139917.	2.6	0
189	Capacity of $C_4H_8Ti_4$ cluster for adsorption of CO_2 and CO: a computational study. Journal of Molecular Modeling, 2020, 26, 126.	0.8	0
190	Reactivity between medium-sized silicon cluster and NO_2: first principles study. Journal of Molecular Modeling, 2021, 27, 88.	0.8	0
191	Results of Australasian Gastrointestinal Trials Group (AGITG) Arctic study: An international audit of raltitrexed for patients with cardiac toxicity induced by fluoropyrimidines (FP).. Journal of Clinical Oncology, 2012, 30, e13007-e13007.	0.8	0
192	Secure SMS Based Automatic Device Pairing Approach for Mobile Phones. Lecture Notes in Computer Science, 2013, , 551-560.	1.0	0
193	Patient-reported outcomes from a phase III multicenter, randomized, double-blind, placebo-controlled trial of gefitinib versus placebo in esophageal cancer progressing after chemotherapy: Cancer Oesophagus Gefitinib (COG).. Journal of Clinical Oncology, 2013, 31, 6-6.	0.8	0
194	Inter Cloud Interoperability Use Cases and Gaps in Corresponding Standards. , 2020, , .		0
195	Deceiving Eavesdroppers by Real Time Persistent Spoofing of Android Usersâ€™ Location Coordinates for Privacy Enhancement. , 2020, , .		0
196	Forensic analysis of image deletion applications. Multimedia Tools and Applications, 0, , 1.	2.6	0
197	Water Is a Viable Data Storage Medium: A Security and Privacy Viewpoint. Electronics (Switzerland), 2022, 11, 818.	1.8	0