Ragib Hasan

List of Publications by Year
in descending order

124 papers	1,998 citations	840776 11 h-index	677142 22 g-index
130 all docs	130 docs citations	130 times ranked	1656 citing authors

#	Article	IF	Citations
1	CATComp: A Compression-Aware Authorization Protocol for Resource-Efficient Communications in IoT Networks. IEEE Internet of Things Journal, 2022, 9, 1667-1682.	8.7	3
2	IoTaaS: Drone-Based Internet of Things as a Service Framework for Smart Cities. IEEE Internet of Things Journal, 2022, 9, 12425-12439.	8.7	16
3	BenchAV: A Security Benchmarking Framework for Autonomous Driving. , 2022, , .		2
4	An Interaction Provenance-based Trust Management Scheme For Connected Vehicles. , 2022, , .		3
5	Smart City Technology for Disaster Management: Demonstrating the Use of Bluetooth Low Energy (BLE) Beacons for Emergency Alert Dissemination. , 2022, , .		3
6	Pedestrian safety using the Internet of Things and sensors: Issues, challenges, and open problems. Future Generation Computer Systems, 2022, 134, 187-203.	7.5	26
7	Distracted pedestrian behavior: An observational study of risk by situational environments. Traffic Injury Prevention, 2022, 23, 346-351.	1.4	7
8	Someone to Watch Over You: Using Bluetooth Beacons for Alerting Distracted Pedestrians. IEEE Internet of Things Journal, 2022, 9, 23017-23030.	8.7	3
9	P-HIP: A Lightweight and Privacy-Aware Host Identity Protocol for Internet of Things. IEEE Internet of Things Journal, 2021, 8, 555-571.	8.7	12
10	Towards a Threat Model and Security Analysis of Video Conferencing Systems. , 2021, , .		9
11	StreetBit: A Bluetooth Beacon-based Personal Safety Application for Distracted Pedestrians. , 2021, 2021, .		6
12	FinderX: A Bluetooth Beacon Based System for Designing Sustainable Green Smart Cities. IEEE Consumer Electronics Magazine, 2021, , 1-1.	2.3	1
13	Bluetooth Low Energy (BLE) Beacon-Based Micro-Positioning for Pedestrians Using Smartphones in Urban Environments. EAI/Springer Innovations in Communication and Computing, 2021, , 135-149.	1.1	3
14	AVGuard: A Forensic Investigation Framework for Autonomous Vehicles. , 2021, , .		6
15	Reducing distracted pedestrian behavior using Bluetooth beacon technology: A crossover trial. Accident Analysis and Prevention, 2021, 159, 106253.	5.7	17
16	InSight: A Bluetooth Beacon-based Ad-hoc Emergency Alert System for Smart Cities. , 2021, , .		9
17	Article Title: Hemodynamic Instability Resulting from Pseudo-malfunction of A Leadless Pacemaker During Off-Pump Coronary Artery Bypass Grafting. Journal of Cardiothoracic and Vascular Anesthesia, 2021, , .	1.3	0
18	Taming the Digital Bandits: An Analysis of Digital Bank Heists and a System for Detecting Fake Messages in Electronic Funds Transfer. Advances in Intelligent Systems and Computing, 2021, , 193-210.	0.6	0

#	Article	IF	Citations
19	Towards a Threat Model and Privacy Analysis for V2P in 5G Networks. , 2021, , .		4
20	R-CAV: On-Demand Edge Computing Platform for Connected Autonomous Vehicles. , 2021, , .		2
21	Towards Designing a Sustainable Green Smart City using Bluetooth Beacons. , 2020, , .		6
22	VFbed: An Architecture for Testbed-as-a-Service for Vehicular Fog-based Systems. , 2020, , .		1
23	FogTestBed: A Generic Architecture for Testbed for Fog-based Systems. , 2020, , .		3
24	IGaaS: An IoT Gateway-as-a-Service for On-demand Provisioning of IoT Gateways. , 2020, , .		3
25	Using Bluetooth beacon technology to reduce distracted pedestrian behaviour: a cross-over trial study protocol. Injury Prevention, 2020, 26, 295-298.	2.4	5
26	Securing the Fog using Software-Defined Networking: A Study of Challenges, Approaches, and Open Problems. , 2020, , .		1
27	Smartphone-based Distracted Pedestrian Localization using Bluetooth Low Energy Beacons. , 2020, , .		4
28	CrowdPick: A Generic Framework for Delivering Service Specific Crowd Infrastructure. , 2020, , .		0
29	Bepari: A Cost-aware Comprehensive Agent Architecture for Opaque Cloud Services. , 2020, , .		0
30	BeaCloud: A Generic Architecture for Sustainable Smart City using Bluetooth Beacons. , 2020, , .		0
31	PurgeMEM: Towards Building A Memory Safe Cloud. , 2019, , .		0
32	Towards an Analysis of the Architecture, Security, and Privacy Issues in Vehicular Fog Computing. , 2019, , .		14
33	Towards a Threat Model for Vehicular Fog Computing. , 2019, , .		11
34	Entropy of PRNGs and the Accuracy of Monte-Carlo Simulations in a Publicly Distributed Computing Environment. , 2019, , .		0
35	Towards a Threat Model for Fog Computing. , 2019, , .		2
36	SecuPAN. , 2018, , .		13

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37	Smart bracelets: Towards automating personal safety using wearable smart jewelry. , 2018, , .		12
38	A conceptual framework for an IoT-based health assistant and its authorization model. , 2018, , .		7
39	Aura: An incentive-driven ad-hoc IoT cloud framework for proximal mobile computation offloading. Future Generation Computer Systems, 2018, 86, 821-835.	7.5	38
40	An Internet of Things-based health prescription assistant and its security system design. Future Generation Computer Systems, 2018, 82, 422-439.	7.5	105
41	SECProv: Trustworthy and Efficient Provenance Management in the Cloud. , 2018, , .		11
42	FIF-IoT: A Forensic Investigation Framework for IoT Using a Public Digital Ledger. , 2018, , .		34
43	Security-Aware Passwords and Services Usage in Developing Countries: A Case Study of Bangladesh. Lecture Notes in Computer Science, 2018, , 67-84.	1.3	1
44	Probe-IoT: A public digital ledger based forensic investigation framework for IoT. , 2018, , .		30
45	Unified authentication factors and fuzzy service access using interaction provenance. Computers and Security, 2017, 67, 211-231.	6.0	4
46	Trust-IoV: A Trustworthy Forensic Investigation Framework for the Internet of Vehicles (IoV). , 2017, , .		39
47	Malware Secrets: De-Obfuscating in the Cloud. , 2017, , .		0
48	Securing the Internet of Things: A Meta-Study of Challenges, Approaches, and Open Problems. , 2017, , .		18
49	DExaS: Delegated experience as a service for mobile and wearable devices. , 2017, , .		2
50	Towards non-intrusive continuous healthcare monitoring with the Smart Hospital Gown. , 2017, , .		1
51	ROSAC: A Round-Wise Fair Scheduling Approach for Mobile Clouds Based on Task Asymptotic Complexity. , 2017, , .		0
52	HSC-IoT: A Hardware and Software Co-Verification Based Authentication Scheme for Internet of Things. , 2017, , .		25
53	IoTbed: A Generic Architecture for Testbed as a Service for Internet of Things-Based Systems. , 2017, , .		19
54	Boot-IoT: A Privacy-Aware Authentication Scheme for Secure Bootstrapping of IoT Nodes. , 2017, , .		8

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55	ParkBid: An Incentive Based Crowdsourced Bidding Service for Parking Reservation. , 2017, , .		6
56	The Story of Naive Alice: Behavioral Analysis of Susceptible Internet Users. , 2016, , .		1
57	Developing Hands-on Labware for Emerging Database Security. , 2016, , .		20
58	StuxMob: A situational-aware malware for targeted attack on smart mobile devices. , 2016, , .		2
59	CACROS: A Context-Aware Cloud Content Roaming Service. , 2016, , .		2
60	Jugo: A Generic Architecture for Composite Cloud as a Service. , 2016, , .		12
61	SECAP: Towards Securing Application Provenance in the Cloud. , 2016, , .		9
62	Litigo: A Cost-Driven Model for Opaque Cloud Services. , 2016, , .		3
63	Chronos: Towards Securing System Time in the Cloud for Reliable Forensics Investigation. , 2016, , .		4
64	How Secure is the Healthcare Network from Insider Attacks? An Audit Guideline for Vulnerability Analysis. , 2016, , .		10
65	A Cloud You Can Wear: Towards a Mobile and Wearable Personal Cloud. , 2016, , .		9
66	Verifiable Data Redundancy in the Cloud. , 2016, , .		0
67	SASCloud: Ad Hoc Cloud as Secure Storage. , 2016, , .		4
68	WORAL: A Witness Oriented Secure Location Provenance Framework for Mobile Devices. IEEE Transactions on Emerging Topics in Computing, 2016, 4, 128-141.	4.6	16
69	Trustworthy Digital Forensics in the Cloud. Computer, 2016, 49, 78-81.	1.1	18
70	Towards Building Forensics Enabled Cloud Through Secure Logging-as-a-Service. IEEE Transactions on Dependable and Secure Computing, 2016, 13, 148-162.	5.4	64
71	LINCS: Towards building a trustworthy litigation hold enabled cloud storage system. Digital Investigation, 2015, 14, S55-S67.	3.2	5
72	D-CLOC: A Delay Tolerant Cloud Formation Using Context-Aware Mobile Crowdsourcing. , 2015, , .		6

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73	FAIoT: Towards Building a Forensics Aware Eco System for the Internet of Things. , 2015, , .		106
74	Digital Forensics in the Age of Big Data: Challenges, Approaches, and Opportunities. , 2015, , .		19
75	SEPIA: Secure-PIN-Authentication-as-a-Service for ATM Using Mobile and Wearable Devices. , 2015, , .		17
76	Towards a Systematic Analysis of Challenges and Issues in Secure Mobile Cloud Forensics. , 2015, , .		3
77	Aura: An IoT Based Cloud Infrastructure for Localized Mobile Computation Outsourcing. , 2015, , .		45
78	e-ESAS: Evolution of a participatory design-based solution for breast cancer (BC) patients in rural Bangladesh. Personal and Ubiquitous Computing, 2015, 19, 395-413.	2.8	10
79	OCF: An Open Cloud Forensics Model for Reliable Digital Forensics. , 2015, , .		32
80	MIDEP: Multiparty Identity Establishment Protocol for Decentralized Collaborative Services. , 2015, , .		3
81	Fuzzy Authentication Using Interaction Provenance in Service Oriented Computing. , 2015, , .		12
82	Towards an Analysis of Security Issues, Challenges, and Open Problems in the Internet of Things. , 2015, , .		295
83	High-Performance Classification of Phishing URLs Using a Multi-modal Approach with MapReduce. , 2015, , .		6
84	PLAG: Practical Landmark Allocation for Cloud Geolocation. , 2015, , .		4
85	Privacy in the Cloud. Computer Communications and Networks, 2015, , 141-165.	0.8	0
86	CURLA: Cloud-Based Spam URL Analyzer for Very Large Datasets. , 2014, , .		3
87	A Comparative Study on I/O Performance between Compute and Storage Optimized Instances of Amazon EC2. , 2014, , .		4
88	FAPA: flooding attack protection architecture in a cloud system. International Journal of Cloud Computing, 2014, 3, 379.	0.3	4
89	OTIT. , 2014, , .		11
90	Interaction provenance model for unified authentication factors in service oriented computing. , 2014, , .		3

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91	CellCloud: A Novel Cost Effective Formation of Mobile Cloud Based on Bidding Incentives. , 2014, , .		24
92	UDaaS: A Cloud-Based URL-Deduplication-as-a-Service for Big Datasets. , 2014, , .		3
93	A trust based Information sharing model (TRUISM) in MANET in the presence of uncertainty. , 2014, , .		14
94	A Straightforward Author Profiling Approach in MapReduce. Lecture Notes in Computer Science, 2014, , 95-107.	1.3	9
95	â€˜Who, When, and Where?â€™ Location Proof Assertion for Mobile Devices. Lecture Notes in Computer Science, 2014, , 146-162.	1.3	12
96	Towards building a forensics aware language for secure logging. Computer Science and Information Systems, 2014, 11, 1291-1314.	1.0	6
97	SecLaaS. , 2013, , .		98
98	Sensing-enabled channels for hard-to-detect command and control of mobile devices. , 2013, , .		36
99	Modeling a secure supply chain integrity preservation system. , 2013, , .		4
100	Phish-Net: Investigating phish clusters using drop email addresses. , 2013, , .		11
101	The life and death of unwanted bits: Towards proactive waste data management in digital ecosystems. , 2013, , .		2
102	Accountable proof of ownership for data using timing element in cloud services. , 2013, , .		1
103	Secure techniques and methods for authenticating visually impaired mobile phone users. , 2013, , .		10
104	How Much Does Storage Really Cost? Towards a Full Cost Accounting Model for Data Storage. Lecture Notes in Computer Science, 2013, , 29-43.	1.3	11
105	MANTICORE: Masking All Network Traffic via IP Concealment with OpenVPN Relaying to EC2. , 2012, , .		4
106	I Have the Proof: Providing Proofs of Past Data Possession in Cloud Forensics. , 2012, , .		16
107	Cloud Based Content Fetching: Using Cloud Infrastructure to Obfuscate Phishing Scam Analysis. , 2012, , .		10
108	Efficient audit-based compliance for relational data retention. , 2011, , .		10

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109	Trustworthy vacuuming and litigation holds in long-term high-integrity records retention. , 2010, , .		2
110	Analyzing NASPInet data flows. , 2009, , .		27
111	Preventing history forgery with secure provenance. ACM Transactions on Storage, 2009, 5, 1-43.	2.1	90
112	Please Permit Me: Stateless Delegated Authorization in Mashups. , 2008, , .		16
113	Database Issues in Trust Management and Trust Negotiation. , 2008, , 73-113.		0
114	Introducing secure provenance. , 2007, , .		94
115	Improving multi-tier security using redundant authentication. , 2007, , .		5
116	Requirements of Secure Storage Systems for Healthcare Records. Lecture Notes in Computer Science, 2007, , 174-180.	1.3	7
117	A statistical analysis of disclosed storage security breaches. , 2006, , .		19
118	Synergy: A Policy-Driven, Trust-Aware Information Dissemination Framework. Lecture Notes in Computer Science, 2006, , 516-521.	1.3	1
119	<title>The techniques and challenges of immutable storage with applications in multimedia</title>. , 2005, , .		3
120	Toward a threat model for storage systems. , 2005, , .		46
121	The evolution of storage service providers. , 2005, , .		12
122	A survey of peer-to-peer storage techniques for distributed file systems. , 2005, , .		57
123	Trade-Offs in Protecting Storage: A Meta-Data Comparison of Cryptographic, Backup/Versioning, Immutable/Tamper-Proof, and Redundant Storage Solutions. , 0, , .		7
124	Hot Zone Identification: Analyzing Effects of Data Sampling On Spam Clustering. Digital Forensics, Security and Law Journal, 0, , .	0.0	2