

# A S M Kayes

## List of Publications by Year in Descending Order

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

60  
papers

638  
citations

12  
h-index

23  
g-index

64  
ext. papers

936  
ext. citations

3.1  
avg, IF

4.91  
L-index

#	Paper	IF	Citations
60	A Framework for IoT Streaming Data Indexing and Query Optimisation. <i>IEEE Sensors Journal</i> , <b>2022</b> , 1-1	4	0
59	Ransomware Mitigation in the Modern Era: A Comprehensive Review, Research Challenges, and Future Directions. <i>ACM Computing Surveys</i> , <b>2022</b> , 54, 1-36	13.4	3
58	Travel Time Prediction and Explanation with Spatio-Temporal Features: A Comparative Study. <i>Electronics (Switzerland)</i> , <b>2022</b> , 11, 106	2.6	0
57	Towards Developing a Framework to Analyze the Qualities of the University Websites. <i>Computers</i> , <b>2021</b> , 10, 57	1.9	1
56	Online Judging Platform Utilizing Dynamic Plagiarism Detection Facilities. <i>Computers</i> , <b>2021</b> , 10, 47	1.9	1
55	Detection of Harassment Type of Cyberbullying: A Dictionary of Approach Words and Its Impact. <i>Security and Communication Networks</i> , <b>2021</b> , 2021, 1-12	1.9	2
54	Enforcing situation-aware access control to build malware-resilient file systems. <i>Future Generation Computer Systems</i> , <b>2021</b> , 115, 568-582	7.5	5
53	IoT-Enabled Smart Energy Grid: Applications and Challenges. <i>IEEE Access</i> , <b>2021</b> , 9, 50961-50981	3.5	11
52	A Machine Learning-Based Cyber Defence System for an Intelligent City. <i>Advances in Civil and Industrial Engineering Book Series</i> , <b>2021</b> , 271-299	0.5	
51	A Mechanism to Detect and Prevent Ethereum Blockchain Smart Contract Reentrancy Attacks. <i>Frontiers in Computer Science</i> , <b>2021</b> , 3,	3.4	6
50	A Blockchain-Based Authentication Protocol for Cooperative Vehicular Ad Hoc Network. <i>Sensors</i> , <b>2021</b> , 21,	3.8	13
49	An Effective Hotel Recommendation System through Processing Heterogeneous Data. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 1920	2.6	2
48	A Secure Mutual authentication approach to fog computing environment. <i>Computers and Security</i> , <b>2021</b> , 111, 102483	4.9	5
47	Dynamic user-centric access control for detection of ransomware attacks. <i>Computers and Security</i> , <b>2021</b> , 111, 102461	4.9	1
46	Towards a Framework for Acquisition and Analysis of Speeches to Identify Suspicious Contents through Machine Learning. <i>Complexity</i> , <b>2020</b> , 2020, 1-14	1.6	
45	. <i>IEEE Access</i> , <b>2020</b> , 8, 47456-47467	3.5	8
44	Achieving security scalability and flexibility using Fog-Based Context-Aware Access Control. <i>Future Generation Computer Systems</i> , <b>2020</b> , 107, 307-323	7.5	24

43	A Survey of Context-Aware Access Control Mechanisms for Cloud and Fog Networks: Taxonomy and Open Research Issues. <i>Sensors</i> , <b>2020</b> , 20,	3.8	23
42	A Service-Oriented Approach for Sensing in the Internet of Things: Intelligent Transportation Systems and Privacy Use Cases. <i>IEEE Sensors Journal</i> , <b>2020</b> , 1-1	4	12
41	PEBERS: Practical Ethereum Blockchain based Efficient Ride Hailing Service <b>2020</b> ,		10
40	A Taxonomy of Blockchain Threats and Vulnerabilities <b>2020</b> , 3-28		4
39	Patient Controlled, Privacy Preserving IoT Healthcare Data Sharing Framework <b>2020</b> ,		2
38	ISDI: A New Window-Based Framework for Integrating IoT Streaming Data from Multiple Sources. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 498-511	0.4	3
37	CalBehav: A Machine Learning-Based Personalized Calendar Behavioral Model Using Time-Series Smartphone Data. <i>Computer Journal</i> , <b>2020</b> , 63, 1109-1123	1.3	7
36	Detecting Suspicious Texts Using Machine Learning Techniques. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 6527	2.6	11
35	An Empirical Recommendation Framework to Support Location-Based Services. <i>Future Internet</i> , <b>2020</b> , 12, 154	3.3	2
34	ABC-RuleMiner: User behavioral rule-based machine learning method for context-aware intelligent services. <i>Journal of Network and Computer Applications</i> , <b>2020</b> , 168, 102762	7.9	30
33	Cybersecurity data science: an overview from machine learning perspective. <i>Journal of Big Data</i> , <b>2020</b> , 7,	11.7	86
32	IoT streaming data integration from multiple sources. <i>Computing (Vienna/New York)</i> , <b>2020</b> , 102, 2299-2329		6
31	Control Plane Optimisation for an SDN-Based WBAN Framework to Support Healthcare Applications. <i>Sensors</i> , <b>2020</b> , 20,	3.8	7
30	A deep learning model for mining and detecting causally related events in tweets. <i>Concurrency Computation Practice and Experience</i> , <b>2020</b> , e5938	1.4	1
29	Answering Binary Causal Questions: A Transfer Learning Based Approach <b>2020</b> ,		1
28	Inferring Location Types With Geo-Social-Temporal Pattern Mining. <i>IEEE Access</i> , <b>2020</b> , 8, 154789-154799	3.5	1
27	A Framework for Identifying Influential People by Analyzing Social Media Data. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 8773	2.6	
26	E-MIIM: an ensemble-learning-based context-aware mobile telephony model for intelligent interruption management. <i>AI and Society</i> , <b>2020</b> , 35, 459-467	2.1	3

25	A Policy Model and Framework for Context-Aware Access Control to Information Resources□ <i>Computer Journal</i> , <b>2019</b> , 62, 670-705	1.3	19
24	Effectiveness analysis of machine learning classification models for predicting personalized context-aware smartphone usage. <i>Journal of Big Data</i> , <b>2019</b> , 6,	11.7	75
23	Controlling astroturfing on the internet: a survey on detection techniques and research challenges. <i>International Journal of Web and Grid Services</i> , <b>2019</b> , 15, 139	1.4	7
22	An Empirical Analysis of Blockchain Cybersecurity Incidents <b>2019</b> ,		2
21	Trust Modeling for Blockchain-Based Wearable Data Market <b>2019</b> ,		4
20	. <i>IEEE Access</i> , <b>2019</b> , 7, 167930-167943	3.5	55
19	Critical situation management utilizing IoT-based data resources through dynamic contextual role modeling and activation. <i>Computing (Vienna/New York)</i> , <b>2019</b> , 101, 743-772	2.2	17
18	Context-aware access control with imprecise context characterization for cloud-based data resources. <i>Future Generation Computer Systems</i> , <b>2019</b> , 93, 237-255	7.5	33
17	An Ontology-Based Approach to Dynamic Contextual Role for Pervasive Access Control <b>2018</b> ,		6
16	Dynamic Transitions of States for Context-Sensitive Access Control Decision. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 127-142	0.9	0
15	Accessing Data from Multiple Sources Through Context-Aware Access Control <b>2018</b> ,		10
14	Context-Aware Access Control with Imprecise Context Characterization Through a Combined Fuzzy Logic and Ontology-Based Approach. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 132-153	0.9	10
13	RoadCrowd: An approach to road traffic forecasting at junctions using crowd-sourcing and Bayesian model <b>2017</b> ,		2
12	An ontological framework for situation-aware access control of software services. <i>Information Systems</i> , <b>2015</b> , 53, 253-277	2.7	24
11	OntCAAC: An Ontology-Based Approach to Context-Aware Access Control for Software Services. <i>Computer Journal</i> , <b>2015</b> , 58, 3000-3034	1.3	23
10	A Survey on Mining Program-Graph Features for Malware Analysis. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2015</b> , 220-236	0.2	
9	PO-SAAC: A Purpose-Oriented Situation-Aware Access Control Framework for Software Services. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 58-74	0.9	9
8	RelBOSS: A Relationship-Aware Access Control Framework for Software Services. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 258-276	0.9	9

7	A Context-Aware Access Control Framework for Software Services. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 569-577	0.9	
6	A Semantic Policy Framework for Context-Aware Access Control Applications <b>2013</b> ,		6
5	An Ontology-Based Approach to Context-Aware Access Control for Software Services. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 410-420	0.9	12
4	ICAF: A Context-Aware Framework for Access Control. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 442-449	0.9	8
3	Automated Measurement of Attitudes Towards Social Distancing Using Social Media: A COVID-19 Case Study		7
2	This would work perfectly if it weren't for all the humans: Two factor authentication in late modern societies. <i>First Monday</i> ,		3
1	Automated measurement of attitudes towards social distancing using social media: A COVID-19 case study. <i>First Monday</i> ,		3