Security and Privacy of Smart Cities: A Survey, Research

IEEE Communications Surveys and Tutorials 21, 1718-1743

DOI: 10.1109/comst.2018.2867288

Citation Report

#	Article	IF	CITATIONS
1	Modeling Malware Propagation Dynamics and Developing Prevention Methods in Wireless Sensor Networks. Springer Optimization and Its Applications, 2019, , 231-250.	0.9	0
2	A survey of privacy enhancing technologies for smart cities. Pervasive and Mobile Computing, 2019, 55, 76-95.	3.3	51
3	Differential Privacy Techniques for Cyber Physical Systems: A Survey. IEEE Communications Surveys and Tutorials, 2020, 22, 746-789.	39.4	335
4	Blockchain-Enabled Decentralized Trust Management and Secure Usage Control of IoT Big Data. IEEE Internet of Things Journal, 2020, 7, 4000-4015.	8.7	71
5	On the design of biometric-based user authentication protocol in smart city environment. Pattern Recognition Letters, 2020, 138, 439-446.	4.2	34
6	Application of Financial Cloud in the Sustainable Development of Smart Cities. Complexity, 2020, 2020, 1-11.	1.6	1
7	Management Challenges and Opportunities for Energy Cloud Development and Diffusion. Energies, 2020, 13, 4048.	3.1	19
8	Security Concepts in Smart Cities. , 2020, , .		1
9	Proposed Framework of Smart Transportation in Pakistan. International Journal of Cyber Warfare and Terrorism, 2020, 10, 48-63.	0.5	1
10	Blockchain-Based Cyber Threat Intelligence System Architecture for Sustainable Computing. Sustainability, 2020, 12, 6401.	3.2	23
11	Integration of Blockchain and Cloud of Things: Architecture, Applications and Challenges. IEEE Communications Surveys and Tutorials, 2020, 22, 2521-2549.	39.4	117
12	Simulation of Enterprise Human Resource Scheduling Algorithm Optimization in the Context of Smart City. Complexity, 2020, 2020, 1-10.	1.6	2
13	Internet of Things-Supported Smart City Platform. IOP Conference Series: Materials Science and Engineering, 2020, 955, 012003.	0.6	11
14	A Survey on Privacy Properties for Data Publishing of Relational Data. IEEE Access, 2020, 8, 51071-51099.	4.2	42
15	Blockchain for smart cities: A review of architectures, integration trends and future research directions. Sustainable Cities and Society, 2020, 61, 102360.	10.4	201
16	Joint Task Offloading and Resource Allocation for Obtaining Fresh Status Updates in Multi-Device MEC Systems. IEEE Access, 2020, 8, 38248-38261.	4.2	20
17	Network Slicing: Recent Advances, Taxonomy, Requirements, and Open Research Challenges. IEEE Access, 2020, 8, 36009-36028.	4.2	121
18	A Trust-Based Security System for Data Collection in Smart City. IEEE Transactions on Industrial Informatics, 2021, 17, 4131-4140.	11.3	41

#	Article	IF	CITATIONS
19	Attribute-Based Access Control for Smart Cities: A Smart-Contract-Driven Framework. IEEE Internet of Things Journal, 2021, 8, 6372-6384.	8.7	60
20	User Privacy Concerns and Preferences inÂSmart Buildings. Lecture Notes in Computer Science, 2021, , 85-106.	1.3	5
21	Towards a Smarter Surveillance Solution: The Convergence of Smart City and Energy Efficient Unmanned Aerial Vehicle Technologies. Studies in Systems, Decision and Control, 2021, , 109-140.	1.0	4
22	Impact of Smart City Planning and Construction on Community Governance under Dynamic Game. Complexity, 2021, 2021, 1-11.	1.6	3
23	Internet of Things 2.0: Concepts, Applications, and Future Directions. IEEE Access, 2021, 9, 70961-71012.	4.2	61
24	Analysis of Effective E-Commerce Coordination Big Data Processing Strategies under Infinite Deep Neural Network Topology. , 2021, , .		1
25	Blockchain Integrated Framework for Resolving Privacy Issues in Smart City. Advanced Sciences and Technologies for Security Applications, 2021, , 109-133.	0.5	6
26	In-Depth Learning Layout and Path Optimization of Energy Service Urban Distribution Sites under e-Commerce Environment. Complexity, 2021, 2021, 1-11.	1.6	2
27	A survey on the adoption of blockchain in IoT: challenges and solutions. Blockchain: Research and Applications, 2021, 2, 100006.	6.7	136
28	Machine learning techniques based on security management in smart cities using robots. Work, 2021, 68, 891-902.	1.1	6
29	Challenges in IoT Technology Adoption into Information System Security Management of Smart Cities: A Review. Advances in Science, Technology and Engineering Systems, 2021, 6, 99-112.	0.5	3
30	Blockchain-empowered cloud architecture based on secret sharing for smart city. Journal of Information Security and Applications, 2021, 57, 102686.	2.5	39
31	Secrecy Enhancing of SSK Systems for IoT Applications in Smart Cities. IEEE Internet of Things Journal, 2021, 8, 6385-6392.	8.7	12
32	An Architecture for IoT-Enabled Smart Transportation Security System: A Geospatial Approach. IEEE Internet of Things Journal, 2021, 8, 6205-6213.	8.7	40
33	Game Analysis of Dynamic Planning Evolution for the Optimization of Community Governance Structure in Smart Cities. Complexity, 2021, 2021, 1-10.	1.6	0
34	Overview of Five Techniques Used for Security and Privacy Insurance in Smart Cities. Journal of Physics: Conference Series, 2021, 1897, 012028.	0.4	2
35	Blockchain for IoT-based smart cities: Recent advances, requirements, and future challenges. Journal of Network and Computer Applications, 2021, 181, 103007.	9.1	139
36	English Web-Based Teaching Supervision Based on Intelligent Face Image Perception and Processing for IoT. Complexity, 2021, 2021, 1-12.	1.6	4

3

#	Article	IF	CITATIONS
37	Contactless Technologies for Smart Cities: Big Data, IoT, and Cloud Infrastructures. SN Computer Science, 2021, 2, 334.	3.6	24
38	Conceptualizing smart city applications: Requirements, architecture, security issues, and emerging trends. Expert Systems, 2022, 39, .	4.5	104
39	Al-empowered IoT Security for Smart Cities. ACM Transactions on Internet Technology, 2021, 21, 1-21.	4.4	48
41	Cloud-Based IoT Applications and Their Roles in Smart Cities. Smart Cities, 2021, 4, 1196-1219.	9.4	85
42	Understanding the linkages of smart-city technologies and applications: Key lessons from a text mining approach and a call for future research. Technological Forecasting and Social Change, 2021, 170, 120893.	11.6	28
43	A comprehensive overview of framework for developing sustainable energy internet: From things-based energy network to services-based management system. Renewable and Sustainable Energy Reviews, 2021, 150, 111409.	16.4	41
44	Mobile Applications in China's Smart Cities. Journal of Global Information Management, 2021, 29, 1-18.	2.8	6
45	Neurosciences and Wireless Networks: The Potential of Brain-Type Communications and Their Applications. IEEE Communications Surveys and Tutorials, 2021, 23, 1599-1621.	39.4	23
46	Evaluating Energy Efficiency and Security for Internet of Things: A Systematic Review. Advances in Intelligent Systems and Computing, 2020, , 217-228.	0.6	7
47	A survey of methods supporting cyber situational awareness in the context of smart cities. Journal of Big Data, 2020, 7, .	11.0	19
48	Smart Cities and Digital Governance. Advances in Electronic Government, Digital Divide, and Regional Development Book Series, 2020, , 87-106.	0.2	17
49	3D Privacy Framework: The Citizen Value Driven Privacy Framework., 2021,,.		5
50	A review on 5G technology for smart energy management and smart buildings in Singapore. Energy and Al, 2022, 7, 100116.	10.6	69
51	Cybersecurity and Privacy in Smart Cities for Citizen Welfare. Advances in Public Policy and Administration, 2022, , 197-221.	0.1	0
52	Amalgamation of Advanced Technologies for Sustainable Development of Smart City Environment: A Review. IEEE Access, 2021, 9, 150060-150087.	4.2	40
53	IoT Enabled Air Pollution Monitoring in Smart Cities. Advances in Intelligent Systems and Computing, 2020, , 569-591.	0.6	2
54	Leveraging SDN for Smart City Applications Support. Communications in Computer and Information Science, 2020, , 95-119.	0.5	2
56	Seamless privacy-preservation and authentication framework for IoT-enabled smart eHealth systems. Sustainable Cities and Society, 2022, 80, 103661.	10.4	16

#	Article	IF	CITATIONS
57	Machine Learning Methods for Intrusive Detection of Wormhole Attack in Mobile Ad Hoc Network (MANET). Wireless Communications and Mobile Computing, 2022, 2022, 1-12.	1.2	11
58	Security and privacy issues in smart cities/industries: technologies, applications, and challenges. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 10517-10553.	4.9	35
59	The determinants of Mobile government services adoption: The moderating effect of perceived government support (PGS). Information Development, 2024, 40, 110-130.	2.3	0
60	State-of-the-art solutions of blockchain technology for data dissemination in smart cities: A comprehensive review. Computer Communications, 2022, 189, 120-147.	5.1	12
61	TIIA: A blockchain-enabled Threat Intelligence Integrity Audit scheme for IIoT. Future Generation Computer Systems, 2022, 132, 254-265.	7.5	9
62	Internet of Things, Preliminaries and Foundations. Studies in Computational Intelligence, 2022, , 37-65.	0.9	2
63	Threats and vulnerabilities of wireless sensor networks in smart cities. , 2022, , 463-491.		2
64	Overview of Prospects for Service-Aware Radio Access towards 6G Networks. Electronics (Switzerland), 2022, 11, 1262.	3.1	15
65	Privacy Behavior in Smart Cities. International Journal of Urban Planning and Smart Cities, 2022, 3, 0-0.	0.5	2
66	Internet of Intelligence: A Survey on the Enabling Technologies, Applications, and Challenges. IEEE Communications Surveys and Tutorials, 2022, 24, 1394-1434.	39.4	20
67	Smart Services in Smart Cities: Insights from Science Mapping Analysis. Sustainability, 2022, 14, 6506.	3.2	13
68	A review of preserving privacy in data collected from buildings with differential privacy. Journal of Building Engineering, 2022, 56, 104724.	3.4	3
69	User Privacy Concerns in Commercial Smart Buildings1. Journal of Computer Security, 2022, 30, 465-497.	0.8	4
70	Intrusive Detection of Wormhole Attack Using Cluster - Based Classification Model In MANET., 2022,,.		1
71	Security and Privacy Challenges using IoT-Blockchain Technology in a Smart City: Critical Analysis. International Journal of Electrical & Electronics Research, 2022, 10, 190-195.	1.6	10
72	A systematic review of technologies and solutions to improve security and privacy protection of citizens in the smart city. Internet of Things (Netherlands), 2022, 20, 100584.	7.7	21
73	Cybersecurity and Data Privacy Issues of Electric Vehicles Smart Charging in Smart Microgrids. Green Energy and Technology, 2022, , 85-110.	0.6	5
74	An Intelligent Security Framework Based on Collaborative Mutual Authentication Model for Smart City Networks. IEEE Access, 2022, 10, 85289-85304.	4.2	12

#	Article	IF	CITATIONS
75	Smart Cities: A Survey of Tech-Induced Privacy Concerns. Advanced Sciences and Technologies for Security Applications, 2022, , 1-22.	0.5	1
76	A Survey onÂtheÂlntegration ofÂBlockchain andÂloT: Challenges andÂOpportunities. Advanced Sciences and Technologies for Security Applications, 2022, , 197-221.	0.5	3
77	Security in the Internet of Things Application Layer: Requirements, Threats, and Solutions. IEEE Access, 2022, 10, 97197-97216.	4.2	10
78	A Taxonomy of Security and Defense Mechanisms in Digital Twins-based Cyber-Physical Systems. , 2022, , .		5
79	Information Security and Privacy in Smart Cities, Smart Agriculture, Industry 4.0, Smart Medicine, and Smart Healthcare. Lecture Notes in Networks and Systems, 2023, , 621-635.	0.7	2
80	Rise of Smart Cities. , 2022, , 3-17.		0
81	Research on optimization strategy of medical data information security and privacy., 2022,,.		0
82	Five Facets of 6G: Research Challenges and Opportunities. ACM Computing Surveys, 2023, 55, 1-39.	23.0	29
83	How to Enhance Citizens' Sense of Gain in Smart Cities? A SWOT-AHP-TOWS Approach. Social Indicators Research, 2023, 165, 787-820.	2.7	7
84	A Critical Review of Digital Twin Confidentiality in a Smart City. Advanced Sciences and Technologies for Security Applications, 2023, , 437-450.	0.5	1
85	An Edge-Fog-Cloud computing architecture for IoT and smart metering data. Peer-to-Peer Networking and Applications, 2023, 16, 818-845.	3.9	7
86	A Survey of Cyber-Physical Systems From a Game-Theoretic Perspective. IEEE Access, 2023, 11, 9799-9834.	4.2	11
87	An overview of Secure Communication in Smart Cities: Issues and Cryptographic Solution., 2022,,.		0
88	Challenges and Opportunities in Secure Smart Cities for Enhancing the Security and Privacy. , 2023, , 1-27.		2
89	Understanding Security in Smart City Domains From the ANT-Centric Perspective. IEEE Internet of Things Journal, 2023, 10, 11199-11223.	8.7	4
90	BAuth-ZKP—A Blockchain-Based Multi-Factor Authentication Mechanism for Securing Smart Cities. Sensors, 2023, 23, 2757.	3.8	9
91	IoT Privacy by Design. Advances in Business Strategy and Competitive Advantage Book Series, 2023, , 270-300.	0.3	0
92	A comprehensive survey on authentication and secure key management in internet of things: Challenges, countermeasures, and future directions. Ad Hoc Networks, 2023, 146, 103159.	5.5	7

#	Article	IF	CITATIONS
93	Cybersafe Capabilities and Utilities forÂSmart Cities. Advanced Sciences and Technologies for Security Applications, 2023, , 71-86.	0.5	8
94	Intelligent Transportation Systems in Smart City: A Systematic Survey. , 2023, , .		8
95	Heterogeneous Network Security Monitoring and Management System for ATC Based on Association Algorithm. , 2022, , .		0
96	Efficient resource prediction framework for software-defined heterogeneous radio environmental infrastructures. Advanced Engineering Informatics, 2023, 56, 101976.	8.0	0
97	Exploring the Potential of Cyber Manufacturing System in the Digital Age. ACM Transactions on Internet Technology, 2023, 23, 1-38.	4.4	2
98	A segurança como fator-chave para a cidade inteligente, a confiança dos cidadãos e o uso de tecnologias. Revista De Administracao Publica, 2023, 57, .	0.7	1
99	Security as a key factor for the smart city, citizens' trust, and the use of technologies. Revista De Administracao Publica, 2023, 57, .	0.7	0
100	The Global Whitewashing of Smart Cities: Citizens' Perspectives. Sustainability, 2023, 15, 8100.	3.2	7
101	A comprehensive survey on AloT integrated smart health cities. AIP Conference Proceedings, 2023, , .	0.4	0
102	A New Shift in Implementing Unmanned Aerial Vehicles (UAVs) in the Safety and Security of Smart Cities: A Systematic Literature Review. Safety, 2023, 9, 64.	1.7	7
103	Energy Management Systems in Sustainable Smart Cities Based on the Internet of Energy: A Technical Review. Energies, 2023, 16, 6903.	3.1	11
104	Smart City Ecosystem. Advances in Electronic Government, Digital Divide, and Regional Development Book Series, 2023, , 75-98.	0.2	2
105	Knowledge elicitation methodology for evaluation of Internet of Things privacy characteristics in smart cities. Systems Engineering, 2024, 27, 354-367.	2.7	0
106	Description and Analysis of Data Security Based on Differential Privacy in Enterprise Power Systems. Mathematics, 2023, 11, 4829.	2.2	1
108	Internet of Everything in the Realm of Sustainable Marketing Post COVID-19. Advances in Marketing, Customer Relationship Management, and E-services Book Series, 2024, , 100-119.	0.8	0
109	Contextualizing the Smart City in Africa: Balancing Human-Centered and Techno-Centric Perspectives for Smart Urban Performance. Smart Cities, 2024, 7, 712-734.	9.4	O