## Privacy in the Smart Cityâ€"Applications, Technologies

IEEE Communications Surveys and Tutorials 20, 489-516 DOI: 10.1109/comst.2017.2748998

Citation Report

#	Article	IF	CITATIONS
1	Privacy Analysis of Smart City Healthcare Services. , 2017, , .		11
2	A biometric-based authenticated key agreement scheme for session initiation protocol in ip-based multimedia networks. Multimedia Tools and Applications, 2018, 77, 23909-23947.	3.9	2
3	A Survey on Anonymity and Privacy in Bitcoin-Like Digital Cash Systems. IEEE Communications Surveys and Tutorials, 2018, 20, 2543-2585.	39.4	170
4	Identifying Privacy Functional Requirements for Crowdsourcing Applications in Smart Cities. , 2018, , .		7
5	Privacy-Preserving Top- <inline-formula> <tex-math notation="LaTeX">\$k\$ </tex-math> </inline-formula> Route Computation in Indoor Environments. IEEE Access, 2018, 6, 56109-56121.	4.2	2
6	Volunteers in the Smart City: Comparison of Contribution Strategies on Human-Centered Measures. Sensors, 2018, 18, 3707.	3.8	8
7	The Future of Privacy. , 2018, , 195-210.		0
8	Privacy Risk Assessment: From Art to Science, by Metrics. Lecture Notes in Computer Science, 2018, , 225-241.	1.3	33
9	Urban Transition in the Era of the Internet of Things: Social Implications and Privacy Challenges. IEEE Access, 2018, 6, 36428-36440.	4.2	22
10	Security and Privacy in Smart Cities: Challenges and Opportunities. IEEE Access, 2018, 6, 46134-46145.	4.2	184
11	A Critical Review of Practices and Challenges in Intrusion Detection Systems for IoT: Toward Universal and Resilient Systems. IEEE Communications Surveys and Tutorials, 2018, 20, 3496-3509.	39.4	143
12	Technical Privacy Metrics. ACM Computing Surveys, 2019, 51, 1-38.	23.0	221
13	Utility privacy trade-off in communication systems. , 2019, , 293-314.		0
14	An overview of security and privacy in smart cities' IoT communications. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3677.	3.9	130
15	PRISER: Managing Notification in Multiples Devices with Data Privacy Support. Sensors, 2019, 19, 3098.	3.8	23
16	Roles and Challenges of Network Sensors in Smart Cities. IOP Conference Series: Earth and Environmental Science, 2019, 322, 012002.	0.3	18
17	Privacy-Preserving Solutions for Blockchain: Review and Challenges. IEEE Access, 2019, 7, 164908-164940.	4.2	211
18	Survey on Collaborative Smart Drones and Internet of Things for Improving Smartness of Smart Cities. IEEE Access, 2019, 7, 128125-128152.	4.2	249

TATION REDO

#	Article	IF	CITATIONS
19	A Survey on IoT Security: Application Areas, Security Threats, and Solution Architectures. IEEE Access, 2019, 7, 82721-82743.	4.2	851
20	A survey on cybersecurity, data privacy, and policy issues in cyber-physical system deployments in smart cities. Sustainable Cities and Society, 2019, 50, 101660.	10.4	158
21	Security for 5G and Beyond. IEEE Communications Surveys and Tutorials, 2019, 21, 3682-3722.	39.4	227
22	Security in Modern Smart Cities: An Information Technology Perspective. , 2019, , .		16
23	The Emergence of Anti-Privacy and Control at the Nexus between the Concepts of Safe City and Smart City. Smart Cities, 2019, 2, 96-105.	9.4	49
24	Can Future Smart Cities Powered by 100% Renewables and Made Cyber Secured-A Analytical Approach. , 2019, , .		3
25	Cyber attack scenarios on smart city and their ripple effects. , 2019, , .		14
26	A Regulatory View on Smart City Services. Sensors, 2019, 19, 415.	3.8	42
27	Security Issues and Challenges in Cloud Computing: A Mirror Review. , 2019, , .		3
28	Connected Street Lighting Infrastructure for Smart City Applications. IEEE Internet of Things Magazine, 2019, 2, 32-36.	2.6	14
29	Improving Agent Quality in Dynamic Smart Cities by Implementing an Agent Quality Management Framework. Applied Sciences (Switzerland), 2019, 9, 5111.	2.5	5
30	Privacy Preservation in Smart Cities. , 2019, , 75-88.		21
31	Differential Privacy Techniques for Cyber Physical Systems: A Survey. IEEE Communications Surveys and Tutorials, 2020, 22, 746-789.	39.4	335
32	Challenges in assessing privacy impact: Tales from the front lines. Security and Privacy, 2020, 3, e101.	2.7	7
33	Quadratic Privacy-Signaling Games and Payoff Dominant Equilibria. , 2020, , .		0
34	Privacy enhancing technologies for solving the privacy-personalization paradox: Taxonomy and survey. Journal of Network and Computer Applications, 2020, 171, 102807.	9.1	56
35	Security in smart cities: A brief review of digital forensic schemes for biometric data. Pattern Recognition Letters, 2020, 138, 346-354.	4.2	49
36	Privacy Enhancing Technologies ( <scp>PETs</scp> ) for connected vehicles in smart cities. Transactions on Emerging Telecommunications Technologies, 2022, 33, e4173.	3.9	3

#	Article	IF	Citations
# 37	Application of Financial Cloud in the Sustainable Development of Smart Cities. Complexity, 2020, 2020, 1-11.	1.6	1
38	COVID-19 impact on city and region: what's next after lockdown?. International Journal of Urban Sciences, 2020, 24, 297-315.	2.8	63
39	PRIPRO—Privacy Profiles: User Profiling Management for Smart Environments. Electronics (Switzerland), 2020, 9, 1519.	3.1	13
40	Image Target Detection Algorithm of Smart City Management Cases. IEEE Access, 2020, 8, 163357-163364.	4.2	3
41	Reconfigurable Intelligent Surfaces for Smart Cities: Research Challenges and Opportunities. IEEE Open Journal of the Communications Society, 2020, 1, 1781-1797.	6.9	52
42	Simulation of Enterprise Human Resource Scheduling Algorithm Optimization in the Context of Smart City. Complexity, 2020, 2020, 1-10.	1.6	2
43	Error Bounds and Guidelines for Privacy Calibration in Differentially Private Kalman Filtering. , 2020, ,		6
44	Understanding Smart City—A Data-Driven Literature Review. Sustainability, 2020, 12, 8460.	3.2	56
45	Indoor Radio Map Construction Based on Position Adjustment and Equipment Calibration. Sensors, 2020, 20, 2818.	3.8	2
46	Building a Security Framework for Smart Cities: A Case Study from UAE. , 2020, , .		3
47	TCitySmartF: A Comprehensive Systematic Framework for Transforming Cities Into Smart Cities. IEEE Access, 2020, 8, 18615-18644.	4.2	46
48	Edge-Computing-Enabled Smart Cities: A Comprehensive Survey. IEEE Internet of Things Journal, 2020, 7, 10200-10232.	8.7	219
49	Attribute-Based Access Control for Smart Cities: A Smart-Contract-Driven Framework. IEEE Internet of Things Journal, 2021, 8, 6372-6384.	8.7	60
50	Impact of Smart City Planning and Construction on Community Governance under Dynamic Game. Complexity, 2021, 2021, 1-11.	1.6	3
51	A Review of Passenger Digital Information Privacy Concerns in Smart Airports. IEEE Access, 2021, 9, 33769-33781.	4.2	6
52	Advance Security Schemes for Smart Societies. , 2021, , 301-322.		0
53	Post-Quantum Era Privacy Protection for Intelligent Infrastructures. IEEE Access, 2021, 9, 36038-36077.	4.2	31
55	Bitcoin: A Digital Cryptocurrency. Intelligent Systems Reference Library, 2021, , 13-28.	1.2	4

#	Article	IF	CITATIONS
56	Analysis of Effective E-Commerce Coordination Big Data Processing Strategies under Infinite Deep Neural Network Topology. , 2021, , .		1
57	Privacy-centred data-driven innovation in the smart city. Exemplary use case of traffic counting. Urban, Planning and Transport Research, 2021, 9, 425-448.	1.3	2
58	LTSM: Lightweight and Trusted Sharing Mechanism of IoT Data in Smart City. IEEE Internet of Things Journal, 2022, 9, 5080-5093.	8.7	14
59	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
60	Value–Based Guiding Principles for Managing Cognitive Computing Systems in the Public Sector. Public Performance & Management Review, 2021, 44, 929-959.	2.2	8
61	Emergence of Blockchain Technology. , 2021, , 159-183.		4
62	loT in Smart Cities: A Survey of Technologies, Practices and Challenges. Smart Cities, 2021, 4, 429-475.	9.4	199
64	Game Analysis of Dynamic Planning Evolution for the Optimization of Community Governance Structure in Smart Cities. Complexity, 2021, 2021, 1-10.	1.6	0
65	Privacy and Security in Cognitive Cities: A Systematic Review. Applied Sciences (Switzerland), 2021, 11, 4471.	2.5	13
66	Blockchain for IoT-based smart cities: Recent advances, requirements, and future challenges. Journal of Network and Computer Applications, 2021, 181, 103007.	9.1	139
67	Mitigating service-oriented attacks using context-based trust for smart cities in IoT networks. Journal of Systems Architecture, 2021, 115, 102028.	4.3	22
68	IoT-Enabled Smart Cities: Evolution and Outlook. Sensors, 2021, 21, 4511.	3.8	31
69	Conceptualizing smart city applications: Requirements, architecture, security issues, and emerging trends. Expert Systems, 2022, 39, .	4.5	104
70	Privacy Concerns, IoT Devices and Attacks in Smart Cities. , 2021, , .		4
71	Security-Aware computation offloading for Mobile edge computing-Enabled smart city. Journal of Cloud Computing: Advances, Systems and Applications, 2021, 10, .	3.9	7
72	IoT-Based Activities of Daily Living for Abnormal Behavior Detection: Privacy Issues and Potential Countermeasures. IEEE Internet of Things Magazine, 2021, 4, 90-95.	2.6	6
73	Smart City and its Prototypes: social perceptions (outcomes of social analysis). Kommunikologiâ, 2021, 9, 105-114.	0.5	0
74	PRASH: A Framework for Privacy Risk Analysis of Smart Homes. Sensors, 2021, 21, 6399.	3.8	7

#	Article	IF	CITATIONS
75	Following the video surveillance and personal video cameras: New tools and innovations to health monitor the earthquake wave field. International Journal of Disaster Risk Reduction, 2021, 64, 102489.	3.9	4
76	Metadata based need-to-know view in large-scale video surveillance systems. Computers and Security, 2021, 111, 102452.	6.0	3
77	A study on the AI-based online triage model for hospitals in sustainable smart city. Future Generation Computer Systems, 2021, 125, 59-70.	7.5	7
78	Citizen-centered data governance in the smart city: From ethics to accountability. Sustainable Cities and Society, 2021, 75, 103308.	10.4	18
79	Cloud Security Service for Identifying Unauthorized User Behaviour. Computers, Materials and Continua, 2022, 70, 2581-2600.	1.9	14
80	Utility-Driven <i>k</i> -Anonymization of Public Transport User Data. IEEE Access, 2021, 9, 23608-23623.	4.2	6
81	A Multicriteria Decision Making Taxonomy of IOT Security Challenging Factors. IEEE Access, 2021, 9, 128841-128861.	4.2	8
82	Internet of Things Security: A Review of Enabled Application Challenges and Solutions. International Journal of Advanced Computer Science and Applications, 2021, 12, .	0.7	3
84	Privacy-enhanced system design modeling based on privacy features. , 2019, , .		6
85	3D Privacy Framework: The Citizen Value Driven Privacy Framework. , 2021, , .		5
86	Introduction to Advances in Artificial Intelligence-Based Technologies. Learning and Analytics in Intelligent Systems, 2022, , 1-5.	0.6	1
87	English Listening Teaching Device and Method Based on Virtual Reality Technology under Wireless Sensor Network Environment. Journal of Sensors, 2021, 2021, 1-11.	1.1	1
89	How Location-Aware Access Control Affects User Privacy and Security in Cloud Computing Systems. EAI Endorsed Transactions on Cloud Systems, 2020, 6, 165236.	0.6	1
90	Data Protection by Design in the Context of Smart Cities: A Consent and Access Control Proposal. Sensors, 2021, 21, 7154.	3.8	6
91	Towards a Holistic Privacy Preserving Approach in a Smart City Environment. Lecture Notes in Intelligent Transportation and Infrastructure, 2020, , 947-960.	0.5	0
92	Smart City Development in Korea and Its Implications for Cooperative Governance. Advances in Business Strategy and Competitive Advantage Book Series, 2022, , 1-21.	0.3	0
93	A survey of major data privacy laws, languages and approaches in smart cities environments. , 2019, , .		3
94	SIOT-RIMM. , 2020, , .		3

#	Article	IF	CITATIONS
96	Design and Implementation of English Listening Teaching Based on a Wireless Communication Microprocessor and Virtual Environment. Journal of Sensors, 2021, 2021, 1-12.	1.1	8
97	Framework for Developing an Information Technology Maturity Model for Smart City Services in Emerging Economies: (FSCE2). Applied Sciences (Switzerland), 2021, 11, 10712.	2.5	7
98	Implementing the smart city: who has a say? Some insights from Hong Kong. International Journal of Urban Sciences, 2023, 27, 124-148.	2.8	8
99	Evaluation of Smart Healthcare Systems and Novel UV-Oriented Solution for Integration, Resilience, Inclusiveness and Sustainability. , 2020, , .		4
100	Evaluation of Smart Infrastructure Systems and Novel UV-Oriented Solution for Integration, Resilience, Inclusiveness, and Sustainability. , 2020, , .		2
101	Exploration of Solutions for Smart Cities: Challenges in Privacy and Security. , 2020, , .		1
103	A Novel Effective Framework for Medical Images Secure Storage Using Advanced Cipher Text Algorithm in Cloud Computing. , 2021, , .		10
104	Data Aggregation for Privacy Protection of Data Streams Between Autonomous IoT Networks. , 2021, , .		0
105	A review of data governance challenges in smart farming and potential solutions. , 2021, , .		2
106	Review On lot Security And Its Real-Time Application. , 2021, , .		1
107	Data sharing and privacy issues arising with COVID-19 data and applications. , 2022, , 61-75.		1
108	A Privacy-Aware Zero Interaction Smart Mobility System. IEEE Access, 2022, 10, 11924-11937.	4.2	4
109	Energy Optimization for Smart Cities Using IoT. Applied Artificial Intelligence, 2022, 36, .	3.2	39
110	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
111	The Impact of Mobility on Location Privacy: A Perspective on Smart Mobility. IEEE Systems Journal, 2022, 16, 5509-5520.	4.6	7
112	Privacy and Security Concerns in Edge Computing-Based Smart Cities. Studies in Computational Intelligence, 2022, , 89-110.	0.9	4
113	The Integration of Blockchain With IoT in Smart Appliances. Impact of Meat Consumption on Health and Environmental Sustainability, 2022, , 223-246.	0.4	6
114	Data Protection and Privacy of the Internet of Healthcare Things (IoHTs). Applied Sciences (Switzerland), 2022, 12, 1927.	2.5	48

	CITATION RE	PORT	
#	Article	IF	Citations
116	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
117	Towards Smart Electromagnetic Environments. , 2021, , .		2
118	IoT Threats and Solutions with Blockchain and Context-Aware Security Design: A Review. , 2021, , .		3
119	An Overview of Security and Privacy in Smart Cities. EAI/Springer Innovations in Communication and Computing, 2022, , 21-44.	1.1	3
121	Smart Grid Security and Privacy: From Conventional to Machine Learning Issues (Threats and) Tj ETQq0 0 0 rgBT	/Oyerlock	10 Tf 50 582
122	Exploring Bystandersâ $\in$ M Privacy Concerns with Smart Homes in Jordan. , 2022, , .		5
123	Blockchain Applicability for the Internet of Things: Performance and Scalability Challenges and Solutions. Electronics (Switzerland), 2022, 11, 1416.	3.1	5
124	Flying through the secure fog: A complete study on UAVâ€Fog in heterogeneous networks. International Journal of Communication Systems, 2022, 35, .	2.5	8
125	A Survey on Privacy Preservation in Fog-Enabled Internet of Things. ACM Computing Surveys, 2023, 55, 1-39.	23.0	2
196	A Decade Review on Smart Cities: Paradigms, Challenges and Opportunities. IEEE Access, 2022, 10,	4 9	41

126	68319-68364.	4.2	41
127	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
128	Security in Internet of Things: A Review. IEEE Access, 2022, 10, 104649-104670.	4.2	12

5

The Application of ICT and Smart Technologies in Cities and Communities: An Overview. , 2022, , 1-16.

130	IoT based manhole cover management. AIP Conference Proceedings, 2022, , .	0.4	0
131	Machine and Deep Learning for IoT Security and Privacy: Applications, Challenges, and Future Directions. Security and Communication Networks, 2022, 2022, 1-41.	1.5	9
132	Privacy Expectations for Human-Autonomous Vehicle Interactions. , 2022, , .		2
133	Security Challenges Prospective Measures In The Current Status of Internet of Things (IoT). , 2022, , .		0
134	A Single Point ofÂContact forÂPrivacy Management inÂCyber-Physical Systems. Communications in Computer and Information Science, 2022, , 133-143.	0.5	2

129

#	Article	IF	CITATIONS
135	Security issues in IoT applications using certificateless aggregate signcryption schemes: An overview. Internet of Things (Netherlands), 2023, 21, 100641.	7.7	16
138	Associated Information and Communication Technologies Challenges of Smart City Development. Sustainability, 2022, 14, 16240.	3.2	5
139	Infrastructure and Security for Supporting Smart City: A Systematic Literature Review. , 2022, , .		0
140	A taxonomy on privacy and confidentiality. , 2022, , .		0
141	Smart city and remote services: The case of South Korea's national pilot smart cities. Telematics and Informatics, 2023, 79, 101957.	5.8	4
142	Information Visualization Design Based on Smart City Application Acenarios. , 2022, , .		0
143	Art Design of Public Facilities Based on Smart City. , 2022, , .		0
144	Challenges and Opportunities in Secure Smart Cities for Enhancing the Security and Privacy. , 2023, , 1-27.		2
145	Reliability and Security of Edge Computing Devices for Smart Cities. , 2023, , 29-52.		0
146	BAuth-ZKP—A Blockchain-Based Multi-Factor Authentication Mechanism for Securing Smart Cities. Sensors, 2023, 23, 2757.	3.8	9
147	Collecting, Processing and Secondary Using Personal and (Pseudo)Anonymized Data in Smart Cities. Applied Sciences (Switzerland), 2023, 13, 3830.	2.5	2
148	Preventing long-term risks to human rights in smart cities: A critical review of responsibilities for private Al developers. Internet Policy Review, 2023, 12, .	3.1	3
149	Substantively smart cities – Participation, fundamental rights and temporality. Internet Policy Review, 2023, 12, .	3.1	1
150	Extending the "Smart City―Concept to Small-to-Medium Sized Estonian Municipalities: Initiatives and Challenges Faced. Lecture Notes in Business Information Processing, 2023, , 264-276.	1.0	0
151	Conceptual Model of Key Aspects of Security and Privacy Protection in a Smart City in Slovakia. Sustainability, 2023, 15, 6926.	3.2	4
152	Poster Abstract: A LoRa-based Energy-Efficient Sensing System for Urban Computing. , 2023, , .		0
153	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
154	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

# 155	ARTICLE A Survey on Smart City Surveillance System. , 2023, , .	IF	CITATIONS 0
156	Smart Cities Data Indicator-Based Cyber Threats Detection Using Bio-Inspired Artificial Algae Algorithm. Advances in Computational Intelligence and Robotics Book Series, 2023, , 436-447.	0.4	2
157	A LoRa-based Energy-efficient Sensing System for Urban Data Collection. , 2023, , .		2
158	User-centric privacy preserving models for a new era of the Internet of Things. Journal of Network and Computer Applications, 2023, 217, 103695.	9.1	5
159	Secure Multi-party Computation-based Privacy-Preserving Authentication for Smart Cities. IEEE Transactions on Cloud Computing, 2023, , 1-18.	4.4	1
160	Smart cities: the role of Internet of Things and machine learning in realizing a data-centric smart environment. Complex & Intelligent Systems, 2024, 10, 1607-1637.	6.5	6
161	Prospects of Cybersecurity in Smart Cities. Future Internet, 2023, 15, 285.	3.8	5
162	Towards place-based privacy: Challenges and opportunities in the $\hat{a}\in \hat{c}$ smart $\hat{a}\in \hat{c}$ world. , 2022, , .		0
163	Study on Blockchain-Integrated IoT. Advances in Web Technologies and Engineering Book Series, 2023, , 337-373.	0.4	0
164	Current Context of Urban Development in China: Collaborative Innovation for Smart Cities. , 2023, , 1-23.		0
165	SQuBA: Social Quorum Based Access Control for Open IoT Environments. , 2023, , .		0
166	Optimizing Smart Campus Solutions: An Evidential Reasoning Decision Support Tool. Smart Cities, 2023, 6, 2308-2346.	9.4	1
167	Internet of Things for Smart Homes and Smart Cities. Power Systems, 2023, , 331-356.	0.5	0
168	Need of Trusted Security for Sustainability of IoT-BIG Data Application Deployments. , 2023, , .		0
169	Categorizing Obstacles in the Implementation of Smart Cities with Probable Solution Models. , 2023, , 40-60.		0
170	Smart Mobility Recommendation for Ibu Kota Nusantara (New Capital City of Indonesia). , 2023, , .		0
171	Towards an Interoperable and Privacy-Respecting Smart City Data Ecosystem. , 2023, , .		0
172	Analysing the Functions of Smart Security Using the Internet of Things. , 2023, , .		0

#	Article	IF	CITATIONS
173	A Review of Privacy and Security of Edge Computing in Smart Healthcare Systems: Issues, Challenges, and Research Directions. Tsinghua Science and Technology, 2024, 29, 1152-1180.	6.1	0
174	Transformation and learning of the non-equidimensional hesitant fuzzy information based on an extended generative adversarial network. Information Sciences, 2024, 664, 120307.	6.9	0
175	Tackling Un-sustainable Mobility. Smart City Tools to Limit Car Access to the City Center Through MaaS Solutions, the Genoese Experience. Lecture Notes in Civil Engineering, 2024, , 645-656.	0.4	0
176	Survey of IoT Security: Application Areas, Threats and Solutions. Internet of Things, 2024, , 81-106.	1.7	0
177	Analysis of IoT Privacy Policies in Smart Transportation Systems. , 2024, , 387-396.		0
178	Digital Progress in the Regeneration of Obsolete Neighbourhoods of the 1960s: Opportunities and Risk. Advances in Science, Technology and Innovation, 2024, , 105-116.	0.4	0

0

180 The E-state and Fundamental Rights. , 2024, , 215-224.