Smart Grid Metering Networks: A Survey on Security, P

IEEE Communications Surveys and Tutorials 21, 2886-2927

DOI: 10.1109/comst.2019.2899354

Citation Report

#	Article	IF	CITATIONS
1	Performance of Smart Grid Dynamic HAN With RQAM and GMSK Modulation. IEEE Communications Letters, 2019, 23, 1940-1943.	2.5	15
2	LiSA: A Lightweight and Secure Authentication Mechanism for Smart Metering Infrastructure. , 2019, , .		7
3	Image Transmission over Cognitive Radio Networks for Smart Grid Applications. Applied Sciences (Switzerland), 2019, 9, 5498.	1.3	10
4	Securing the Smart Grid: A Blockchain-based Secure Smart Energy System. , 2019, , .		7
5	Machine Learning Based Physical-Layer Intrusion Detection and Location for the Smart Grid., 2019,,.		18
6	A Survey on Home Energy Management. IEEE Access, 2020, 8, 5699-5722.	2.6	101
7	A Novel Multitier Blockchain Architecture to Protect Data in Smart Metering Systems. IEEE Transactions on Engineering Management, 2020, 67, 1271-1284.	2.4	19
8	Cyber-security on smart grid: Threats and potential solutions. Computer Networks, 2020, 169, 107094.	3.2	330
9	A Garden of Cyber Physical Systems: Requirements, Challenges, and Implementation Aspects. IEEE Internet of Things Magazine, 2020, 3, 84-89.	2.0	7
10	ARIES: A Novel Multivariate Intrusion Detection System for Smart Grid. Sensors, 2020, 20, 5305.	2.1	32
11	Detecting false data attacks using machine learning techniques in smart grid: A survey. Journal of Network and Computer Applications, 2020, 170, 102808.	5.8	86
12	Scalable and efficient authentication scheme for secure smart grid communication. IET Networks, 2020, 9, 165-169.	1.1	7
13	Identity and Policy Based Signcryption Scheme for AMI Downlink Transmission., 2020,,.		1
14	Taxonomy of Security Threats in Energy Systems. , 2020, , .		O
15	Advanced Distribution Measurement Technologies and Data Applications for Smart Grids: A Review. Energies, 2020, 13, 3730.	1.6	21
16	A Review of Cognitive Radio Smart Grid Communication Infrastructure Systems. Energies, 2020, 13, 3245.	1.6	20
17	Electrical Load Forecasting Using Edge Computing and Federated Learning. , 2020, , .		99
18	Fault-Tolerant Privacy-Preserving Data Aggregation for Smart Grid. Wireless Communications and Mobile Computing, 2020, 2020, 1-10.	0.8	8

#	Article	IF	CITATIONS
19	A Survey of Denial-of-Service Attacks and Solutions in the Smart Grid. IEEE Access, 2020, 8, 177447-177470.	2.6	80
20	Information security in WSN applied to smart metering networks based on cryptographic techniques. Journal of Intelligent and Fuzzy Systems, 2020, 39, 8499-8506.	0.8	2
21	The Challenges of Privacy and Access Control as Key Perspectives for the Future Electric Smart Grid. IEEE Open Journal of the Communications Society, 2020, 1, 1934-1960.	4.4	15
22	Theoretical Modelling of Smart Meter Privacy Protection with Multi-meter Energy Routing. , 2020, , .		1
23	Signal Piloted Processing of the Smart Meter Data for Effective Appliances Recognition. Journal of Electrical Engineering and Technology, 2020, 15, 2279-2285.	1.2	18
24	Formal reliability and failure analysis of ethernet based communication networks in a smart grid substation. Formal Aspects of Computing, 2020, 32, 71-111.	1.4	9
25	Home Energy Management System Concepts, Configurations, and Technologies for the Smart Grid. IEEE Access, 2020, 8, 119271-119286.	2.6	92
26	A Virtual Tool for Load Flow Analysis in a Micro-Grid. Energies, 2020, 13, 3173.	1.6	7
27	Monitoring of Cyber Intrusion in Wireless Smart Grid Network Using Weight Reduction Technique. , 2020, , .		2
28	Performance analysis of smart grid dynamic <scp>HAN</scp> over Rician fading channel. Internet Technology Letters, 2021, 4, e242.	1.4	1
29	ALPHA: An Anonymous Orthogonal Code-Based Privacy Preserving Scheme for Industrial Cyber–Physical Systems. IEEE Transactions on Industrial Informatics, 2021, 17, 7716-7724.	7.2	11
30	ECSâ€CPâ€ABE: A lightweight elliptic curve signcryption scheme based on ciphertextâ€policy attributeâ€based encryption to secure downlink multicast communication in edge envisioned advanced metering infrastructure networks. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4102.	2.6	7
31	Risk Treatment: An Iterative Method for Identifying Controls. Communications in Computer and Information Science, 2021, , 283-310.	0.4	0
32	A Review on Requirements for Data Communication and Information Technology Areas for Smart Grid. Lecture Notes in Electrical Engineering, 2021, , 3259-3271.	0.3	2
33	A Covert Electricity-Theft Cyberattack Against Machine Learning-Based Detection Models. IEEE Transactions on Industrial Informatics, 2022, 18, 7824-7833.	7.2	18
34	Post-Quantum Era Privacy Protection for Intelligent Infrastructures. IEEE Access, 2021, 9, 36038-36077.	2.6	31
35	Application of Machine Learning for Ransomware Detection in IoT Devices. Studies in Computational Intelligence, 2021, , 393-420.	0.7	12
36	PV Energy Generation and IoT Power Consumption for Telecom Networks in Remote Areas. Technology and Economics of Smart Grids and Sustainable Energy, 2021, 6, 1.	1.8	4

#	ARTICLE	IF	Citations
37	Smart grid cyber-physical systems: communication technologies, standards and challenges. Wireless Networks, 2021, 27, 2595-2613.	2.0	42
38	Smart Grid Security Applied to the Brazilian Scenario: A Visual Approach. IEEE Latin America Transactions, 2021, 19, 446-455.	1.2	2
39	MADDPG-Based Security Situational Awareness for Smart Grid with Intelligent Edge. Applied Sciences (Switzerland), 2021, 11, 3101.	1.3	30
40	Smart Metering in Infrastructure-Less Communication Environments and Applicability of LoRa Technology. , 0, , .		1
41	Microgrid Systems: Towards a Technical Performance Assessment Frame. Energies, 2021, 14, 2161.	1.6	9
42	Assessing Insider Attacks and Privacy Leakage in Managed IoT Systems for Residential Prosumers. Energies, 2021, 14, 2385.	1.6	2
43	Intelligent Buildings in Smart Grids: A Survey on Security and Privacy Issues Related to Energy Management. Energies, 2021, 14, 2733.	1.6	18
44	Smart Grid Communication and Networking: Review of Standards. , 2021, , .		8
45	A survey on blockchainâ€enabled smart grids: Advances, applications and challenges. IET Smart Cities, 2021, 3, 56-78.	1.6	25
46	A Unified Deep Learning Anomaly Detection and Classification Approach for Smart Grid Environments. IEEE Transactions on Network and Service Management, 2021, 18, 1137-1151.	3.2	93
47	Optimization and control of cyber–physical power systems under dual-network interactive cascading failure. Control Engineering Practice, 2021, 111, 104789.	3.2	15
48	Can Blockchain Strengthen the Energy Internet?. Network, 2021, 1, 95-115.	1.5	13
49	Identifying cyber insecurities in trustworthy space and energy sector for smart grids. Computers and Electrical Engineering, 2021, 93, 107204.	3.0	40
50	A novel multi-stage distributed authentication scheme for smart meter communication. PeerJ Computer Science, 2021, 7, e643.	2.7	1
51	Edge Computing for IoT-Enabled Smart Grid. Security and Communication Networks, 2021, 2021, 1-16.	1.0	42
52	Investigation of Cyber-Attack Methods and Measures in Smart Grids. Sakarya University Journal of Science, 0, , .	0.3	3
53	SPEAR SIEM: A Security Information and Event Management system for the Smart Grid. Computer Networks, 2021, 193, 108008.	3.2	38
54	An adaptive synthesis to handle imbalanced big data with deep siamese network for electricity theft detection in smart grids. Journal of Parallel and Distributed Computing, 2021, 153, 44-52.	2.7	40

#	Article	IF	CITATIONS
55	A Review of Privacy-Preserving Aggregation Schemes for Smart Grid. IEEE Latin America Transactions, 2021, 19, 1109-1120.	1.2	8
56	SACR: A Stability-Aware Cluster-Based Routing Protocol for Cognitive Radio Sensor Networks. IEEE Sensors Journal, 2021, 21, 17350-17359.	2.4	18
57	Communication Network Standards for Smart Grid Infrastructures. Network, 2021, 1, 132-145.	1.5	14
58	SDN-Based Resilient Smart Grid: The SDN-microSENSE Architecture. Digital, 2021, 1, 173-187.	1.1	21
59	Problems and analysis directions in smart grid technology and their potential solutions. International Journal of Applied Power Engineering (IJAPE), 2021, 10, 207.	0.1	0
60	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.	8.2	41
61	Blockchain-Based SQKD and IDS in Edge Enabled Smart Grid Network. Computers, Materials and Continua, 2022, 70, 2149-2169.	1.5	2
62	FPDA: Fault-Tolerant and Privacy-Enhanced Data Aggregation Scheme in Fog-Assisted Smart Grid. IEEE Internet of Things Journal, 2022, 9, 5254-5265.	5.5	11
63	Reliable Industry 4.0 Based on Machine Learning and IoT for Analyzing, Monitoring, and Securing Smart Meters. Sensors, 2021, 21, 487.	2.1	74
64	Implementation of Security Orchestration, Automation and Response (SOAR) in Smart Grid-Based SCADA Systems. Advances in Intelligent Systems and Computing, 2021, , 157-169.	0.5	2
65	Survey on 6G Frontiers: Trends, Applications, Requirements, Technologies and Future Research. IEEE Open Journal of the Communications Society, 2021, 2, 836-886.	4.4	294
66	A Smart Home Architecture for Smart Energy Consumption in a Residence With Multiple Users. IEEE Access, 2021, 9, 16807-16824.	2.6	11
67	Blockchain for Future Smart Grid: A Comprehensive Survey. IEEE Internet of Things Journal, 2021, 8, 18-43.	5.5	286
68	Intrusion Detection in Industrial Networks via Data Streaming. , 2020, , 213-238.		4
69	Blockchain and AI amalgamation for energy cloud management: Challenges, solutions, and future directions. Journal of Parallel and Distributed Computing, 2020, 143, 148-166.	2.7	104
70	Risk assessment of the UPIoT construction in China using combined dynamic weighting method under IFGDM environment. Sustainable Cities and Society, 2020, 60, 102199.	5.1	10
71	A DNA-based Privacy-preserving Scheme in Smart-grid. International Journal on Cryptography and Information Security, 2019, 9, 1-10.	0.7	1
72	Real-Time Estimation Frameworks for Feeder-Level Load Disaggregation and PEVs Charging Behavior Characteristics Extraction. IEEE Transactions on Industrial Informatics, 2021, , 1-1.	7.2	3

#	Article	IF	Citations
73	ARAP-SG: Anonymous and Reliable Authentication Protocol for Smart Grids. IEEE Access, 2021, 9, 143366-143377.	2.6	18
74	Personalized Privacy Preservation for Smart Grid., 2021,,.		1
75	Security and Privacy Challenges, Solutions, and Open Issues in Smart Metering: A Review. , 2021, , .		4
76	Survey on blockchain for future smart grids: Technical aspects, applications, integration challenges and future research. Energy Reports, 2021, 7, 6530-6564.	2.5	58
77	Effect of Intermediate Network Systems on Remote Power Data Collection in Smart Grid. , 2020, , .		1
78	Akıllı Şebekelerde İletişim Altyapısı ve Siber Güvenlik. Journal of the Institute of Science and Techr 2020, 10, 970-984.	iology,	2
79	Machine Learning Enabled Secure Collection of Phasor Data in Smart Power Grid Networks. , 2020, , .		1
80	A Survey on Threats and Countermeasures in Smart Meter. , 2020, , .		2
81	A Survey on Deep Learning Methods for Security and Privacy in Smart Grid. , 2020, , .		5
82	A Study on Electricity Theft Detection and Control in Smart Grid Systems. , 2020, , .		2
83	Smart Grid Security: Attack Modeling from a CPS Perspective. , 2020, , .		1
84	Research and Application of Blockchain Technology in Smart Grid. , 2020, , .		2
85	Analysis and Evaluation of Cyber-attack Impact on Critical Power System Infrastructure. Smart Science, 2021, 9, 1-13.	1.9	14
86	A holistic review on Cyber-Physical Power System (CPPS) testbeds for secure and sustainable electric power grid – Part – I: Background on CPPS and necessity of CPPS testbeds. International Journal of Electrical Power and Energy Systems, 2022, 136, 107718.	3.3	14
87	A Survey on Energy Efficiency in Smart Homes and Smart Grids. Energies, 2021, 14, 7273.	1.6	8
88	Development of a quasiâ€realâ€time distribution voltage monitoring system. IET Generation, Transmission and Distribution, 2020, 14, 4622-4630.	1.4	4
89	Detectors of Smart Grid Integrity Attacks: an Experimental Assessment., 2021,,.		0
90	A Security Defense Model for Ubiquitous Electric Internet of Things Based on Game Theory. , 2020, , .		3

#	Article	IF	CITATIONS
91	Foggy: A New Anonymous Communication Architecture Based on Microservices. , 2020, , .		0
92	Ranking Cyber Attack Vulnerability of Nodes in Power Transmission Network. , 2020, , .		0
93	Smart Grid Power Theft and Fault Detection using IoT and Blockchain. , 2021, , .		1
94	Pitfalls of Machine Learning Methods in Smart Grids: A Legal Perspective. , 2021, , .		2
95	Lightweight Payload Encryption-Based Authentication Scheme for Advanced Metering Infrastructure Sensor Networks. Sensors, 2022, 22, 534.	2.1	5
96	Federated Clustering for Electricity Consumption Pattern Extraction. IEEE Transactions on Smart Grid, 2022, 13, 2425-2439.	6.2	24
97	A survey and bibliometric analysis of different communication technologies available for smart meters. Cleaner Engineering and Technology, 2022, 7, 100424.	2.1	8
98	Data Protection and Cybersecurity Certification Activities and Schemes in the Energy Sector. Electronics (Switzerland), 2022, 11, 965.	1.8	4
99	A Novel Privacy Preserving Scheme for Smart Grid-Based Home Area Networks. Sensors, 2022, 22, 2269.	2.1	11
100	An authentication and key agreement scheme for smart grid. Peer-to-Peer Networking and Applications, 2022, 15, 1595-1616.	2.6	4
101	Smart metering interoperability issues and solutions: Taking inspiration from other ecosystems and sectors. Utilities Policy, 2022, 76, 101360.	2.1	5
102	Smart energy meter based on a long-range wide-area network for a stand-alone photovoltaic system. Expert Systems With Applications, 2022, 197, 116703.	4.4	14
103	Survey on Blockchain for Smart Grid Management, Control, and Operation. Energies, 2022, 15, 193.	1.6	25
104	Tackling Energy Theft in Smart Grid-A Comprehensive Review and Framework. , 2021, , .		0
105	Internet of Things, Preliminaries and Foundations. Studies in Computational Intelligence, 2022, , 37-65.	0.7	2
106	Differentially Private Demand Side Management for Incentivized Dynamic Pricing in Smart Grid. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 5724-5737.	4.0	5
107	Enhancing the performance of smart electrical grids using data mining and fuzzy inference engine. Multimedia Tools and Applications, 0, , .	2.6	4
108	Smart Grid Security and Privacy: From Conventional to Machine Learning Issues (Threats and) Tj ETQq1 1 0.7843	314 rgBT /0 2.6	Dverlock 10 T

#	Article	IF	CITATIONS
109	Cybersecurity Roadmap for Active Buildings. Green Energy and Technology, 2022, , 219-249.	0.4	2
110	Cyber-Attack Detection Using Principal Component Analysis and Noisy Clustering Algorithms: A Collaborative Machine Learning-Based Framework. IEEE Transactions on Smart Grid, 2022, 13, 4848-4861.	6.2	12
111	Adaptive Detection Method for Physical Access Attack against Temperature Interference., 2022,,.		0
112	A Survey on Information Communication Technologies in Modern Demand-Side Management for Smart Grids: Challenges, Solutions, and Opportunities. IEEE Engineering Management Review, 2023, 51, 76-107.	1.0	14
113	Physical layer security for beyond 5G/6G networks: Emerging technologies and future directions. Journal of Network and Computer Applications, 2022, 206, 103431.	5.8	15
114	Privacy protection via joint real and reactive load shaping in smart grids. Sustainable Energy, Grids and Networks, 2022, 32, 100794.	2.3	2
115	The Impact of Communication Technologies on the Smart Grid. , 2022, , .		2
116	Analysis of Smart Grid Wide Area Network for Three Hop Mixed PLC/RF/FSO Channel. , 2022, , .		1
117	Protecting the Integrity of IoT Sensor Data and Firmware With A Feather-Light Blockchain Infrastructure. , 2022, , .		0
118	Hierarchical Optimization and Grid Scheduling Model for Energy Internet: A Genetic Algorithm-Based Layered Approach. Frontiers in Energy Research, 0, 10, .	1.2	O
119	Systematic survey of advanced metering infrastructure security: Vulnerabilities, attacks, countermeasures, and future vision. Future Generation Computer Systems, 2022, 136, 358-377.	4.9	22
120	A Trust-Based Hierarchical Consensus Mechanism for Consortium Blockchain in Smart Grid. Tsinghua Science and Technology, 2023, 28, 69-81.	4.1	7
121	An Empirical Investigation in Applying Reliable Industry 4.0 Based Machine Learning (ML) Approaches in Analysing and Monitoring Smart Meters using Multivariate Analysis of Variance (Manova)., 2022,,.		0
122	A Novel and Efficient Anonymous Authentication Scheme Based on Extended Chebyshev Chaotic Maps for Smart Grid., 2022,,.		O
123	On Security And Privacy In Smart Metering Systems. , 2022, , .		3
124	Distributed Ledger Technologies and Their Applications: A Review. Applied Sciences (Switzerland), 2022, 12, 7898.	1.3	15
125	Review on Energy Application Using Blockchain Technology With an Introductions in the Pricing Infrastructure. IEEE Access, 2022, 10, 80119-80137.	2.6	9
126	A Survey on Home Energy Management Systems with Viewpoints of Concepts, Configurations, and Infrastructures. Green Energy and Technology, 2022, , 61-76.	0.4	3

#	Article	IF	CITATIONS
127	A Coexistence Analysis of Blockchain, SCADA Systems, and OpenADR for Energy Services Provision. IEEE Access, 2022, 10, 99088-99101.	2.6	6
128	False Data Injection Attack Detection Using Machine Learning in Smart Grid: Approaches, Datasets, and Comparative Study. Lecture Notes in Electrical Engineering, 2022, , 1081-1090.	0.3	0
129	A Noval and Efficient ECC-Based Authenticated Key Agreement Scheme for Smart Metering in the Smart Grid. Electronics (Switzerland), 2022, 11, 3398.	1.8	1
130	Gridchain: an investigation of privacy for the future local distribution grid. International Journal of Information Security, $0$ , , .	2.3	0
131	Review on cyber-physical and cyber-security system in smart grid: Standards, protocols, constraints, and recommendations. Journal of Network and Computer Applications, 2023, 209, 103540.	5.8	69
132	Cryptographic Protocols inÂAdvanced Metering Infrastructures inÂSmart Grids. Lecture Notes in Networks and Systems, 2023, , 114-124.	0.5	0
133	Status, Challenges and Future Directions of Blockchain Technology in Power System: A State of Art Review. Energies, 2022, 15, 8571.	1.6	9
134	Cyber-Security of Smart Grids: Attacks, Detection, Countermeasure Techniques, and Future Directions. Communications and Network, 2022, 14, 119-170.	0.6	15
135	Review on optimization techniques and role of Artificial Intelligence in home energy management systems. Engineering Applications of Artificial Intelligence, 2023, 119, 105721.	4.3	24
136	Potential of Residential Storage Battery Demand Response in Tertiary Balancing Market. IEEJ Journal of Industry Applications, 2023, 12, 183-193.	0.9	2
137	The Feasibility of the CRYSTALS-Kyber Scheme for Smart Metering Systems. IEEE Access, 2022, 10, 131303-131317.	2.6	0
138	Local Energy Trading Platform Based on Privacy-Preserving Blockchain with Linkable Ring Signature. , 2022, , .		0
139	Security Access Control Method for Wind-Power-Monitoring System Based on Agile Authentication Mechanism. Electronics (Switzerland), 2022, 11, 3938.	1.8	2
140	Energy Theft Detection in Smart Grids with Genetic Algorithm-Based Feature燬election. Computers, Materials and Continua, 2023, 74, 5431-5446.	1.5	0
141	Comprehensive Review of Renewable Energy Communication Modeling for Smart Systems. Energies, 2023, 16, 409.	1.6	5
142	False Data Injection Attacks against Low Voltage Distribution Systems. , 2022, , .		3
143	A Novel IT-Based Lightweight Risk Management Framework for Metering Networks in Smart Grids. , 2022, , .		1
144	Detection-based active defense of biased injection attack based on robust adaptive controller. Internet of Things and Cyber-physical Systems, 2023, 3, 14-23.	4.6	0

#	Article	IF	CITATIONS
145	Performance Analysis of Smart Grid Wide Area Network With RIS Assisted Three Hop System. IEEE Transactions on Signal and Information Processing Over Networks, 2023, 9, 48-59.	1.6	2
146	A Survey of Cyber-Physical Systems From a Game-Theoretic Perspective. IEEE Access, 2023, 11, 9799-9834.	2.6	11
147	Trust-Based Communities forÂSmart Grid Security andÂPrivacy. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2023, , 28-43.	0.2	0
148	A Bayesian Deep Learning Approach With Convolutional Feature Engineering to Discriminate Cyber-Physical Intrusions in Smart Grid Systems. IEEE Access, 2023, 11, 18910-18920.	2.6	7
149	Decentralizing access control system for data sharing in smart grid. High-Confidence Computing, 2023, , 100113.	2.2	1
150	<scp>PSAK</scp> : A provably secure authenticated key agreement scheme based on extended Chebyshev chaotic maps for smart grid environments. Transactions on Emerging Telecommunications Technologies, 0, , .	2.6	1
151	2D2PS: A demand-driven privacy-preserving scheme for anonymous data sharing in smart grids. Journal of Information Security and Applications, 2023, 74, 103466.	1.8	1
152	Privacy-aware optimal load scheduling for energy management system of smart home. Sustainable Energy, Grids and Networks, 2023, 34, 101039.	2.3	2
153	Fine-tuned LSTM-Based Model for Efficient Honeypot-Based Network Intrusion Detection System in Smart Grid Networks., 2022,,.		2
154	Lightweight and dynamic authenticated key agreement and management protocol for smart grid. Frontiers in Energy Research, 0, $10$ , .	1,2	0
155	Future Energy System Analyses. , 2022, , 1-26.		0
156	Energy Consumption Forecasting in Home Energy Management System using Deep Learning Techniques. , 2022, , .		0
157	Trading and Valuation of Day-Ahead Load Forecasts in an Ensemble Model. IEEE Transactions on Industry Applications, 2023, 59, 2686-2695.	3.3	2
158	LACP-SG: Lightweight Authentication Protocol for Smart Grids. Sensors, 2023, 23, 2309.	2.1	4
159	A Meter Replacing Assist Device without Power Outages Based on SCR Bypass. , 2022, , .		0
160	CASL: A Novel Collusion Attack Against Distributed Energy Management Systems. IEEE Transactions on Smart Grid, 2023, 14, 4717-4728.	6.2	O
161	Insights and New Practices for Advanced Metering Infrastructure and Smart Energy Metering Framework in Smart Grid- A Case Study., 2022,,.		2
162	Resilient Distributed Optimization Algorithm for Economic Dispatch Against Cyber-Attacks in Smart Grid. , 2022, , .		0

#	Article	IF	Citations
163	SDAFA: Secure Data Aggregation in Fog-Assisted Smart Grid Environment. Sustainability, 2023, 15, 5071.	1.6	1
164	Privacy-Preserving Honeypot-Based Detector in Smart Grid Networks: A New Design for Quality-Assurance and Fair Incentives Federated Learning Framework. , 2023, , .		3
165	Performance Analysis of Smart Grid Network with Energy Harvesting over Mixed RF/PLC Channel. , 2023, , .		1
166	Responsible and Safe Home Metering. Advances in Information Security, Privacy, and Ethics Book Series, 2023, , 1-40.	0.4	O
167	A Lightweight Authentication and Key Agreement Protocol for IoT-Enabled Smart Grid System. Sensors, 2023, 23, 3991.	2.1	1
168	ETD-ConvLSTM: A Deep Learning Approach for Electricity Theft Detection in Smart Grids. IEEE Transactions on Information Forensics and Security, 2023, 18, 2553-2568.	4.5	6
169	Controlling Devices from Anywhere Using IoT Including Voice Commands. Lecture Notes in Networks and Systems, 2023, , 163-173.	0.5	0
175	Development of smart grid infrastructure in cybersecurity. , 2023, , .		0
185	Future Energy System Analyses. , 2023, , 2303-2328.		0
187	A Trading Scheme of Power Blockchain Based on Identity-Based Ring Signature for Anonymity and Anti-Forgery. , 2023, , .		0
189	Smart Meter Data Security Communication Method Based on Bilinear Pairing. , 2023, , .		0
190	Realistic Attacks with Realistic Attackers: An Information-Security Risk Analysis of an Automatic Metering Infrastructure. , 2023, , .		0
193	Demonstration of 10 GBPS Over G.655 Non-Zero Dispersion Shifted Fiber for Smart Grid Meter Reading. , 2023, , .		0
194	Entropy-based Selective Homomorphic Encryption for Smart Metering Systems., 2023,,.		0
196	A Survey on Smart Grid and its Applications. , 2023, , .		0
197	Certificateless Ring Signcryption Scheme withÂConditional Privacy Protection inÂSmart Grid. Communications in Computer and Information Science, 2024, , 189-204.	0.4	0
198	Lightweight Cryptography Model for Overhead and Delay Reduction in the Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2024, , 362-375.	0.2	0
207	A Comparative Assessment of Machine Learning and Deep Learning Techniques for Enhanced Home Energy Management Systems., 2023,,.		O

## CITATION REPORT

#	ARTICLE	IF	CITATIONS
208	Smart meters in smart grid., 2024, , 1-37.		0
209	Smart meter data management challenges. , 2024, , 221-256.		O