S M Farooq

List of Publications by Year
in descending order

16 papers	384 citations	933447 10 h-index	1199594 12 g-index
16 all docs	16 docs citations	16 times ranked	268 citing authors

#	Article	IF	Citations
1	Analysis and Implementation of Message Authentication Code (MAC) Algorithms for GOOSE Message Security. IEEE Access, 2019, 7, 80980-80984.	4.2	49
2	A Novel Approach for Mitigation of Replay and Masquerade Attacks in Smartgrids Using IEC 61850 Standard. IEEE Access, 2019, 7, 156044-156053.	4.2	48
3	Performance Evaluation and Analysis of IEC 62351-6 Probabilistic Signature Scheme for Securing GOOSE Messages. IEEE Access, 2019, 7, 32343-32351.	4.2	48
4	Certificate Based Authentication Mechanism for PMU Communication Networks Based on IEC 61850-90-5. Electronics (Switzerland), 2018, 7, 370.	3.1	35
5	Certificate Based Security Mechanisms in Vehicular Ad-Hoc Networks based on IEC 61850 and IEEE WAVE Standards. Electronics (Switzerland), 2019, 8, 96.	3.1	34
6	A Method for Achieving Confidentiality and Integrity in IEC 61850 GOOSE Messages. IEEE Transactions on Power Delivery, 2020, 35, 2565-2567.	4.3	30
7	Implementing Secure Routable GOOSE and SV Messages Based on IEC 61850-90-5. IEEE Access, 2020, 8, 26162-26171.	4.2	28
8	Implementation of Blockchain technology for Energy Trading with Smart Meters. , 2019, , .		23
9	A Survey of Authentication Techniques in Vehicular Ad-Hoc Networks. IEEE Intelligent Transportation Systems Magazine, 2021, 13, 39-52.	3.8	22
10	S-GoSV: Framework for Generating Secure IEC 61850 GOOSE and Sample Value Messages. Energies, 2019, 12, 2536.	3.1	21
11	MPTCP based mitigation of Denial of Service (DoS) Attack in PMU Communication Networks. , 2018, , .		14
12	Using ID-Based Authentication and Key Agreement Mechanism for Securing Communication in Advanced Metering Infrastructure. IEEE Access, 2020, 8, 210503-210512.	4.2	13
13	A Security Mechanism for IEEE C37.118.2 PMU Communication. IEEE Transactions on Industrial Electronics, 2022, 69, 1053-1061.	7.9	9
14	Elliptic Curve Digital Signature Algorithm (ECDSA) Certificate Based Authentication Scheme for Advanced Metering Infrastructure. , 2019, , .		7
15	Initialization Vector for application of IEC 61850-90-5 security features on R-GOOSE and R-SV messages. International Journal of Electrical Power and Energy Systems, 2021, 132, 107189.	5.5	3
16	A study on Fibonacci series generation algorithms. , 2016, , .		0