

William Hurst

List of Publications by Citations

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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.

53
papers

187
citations

8
h-index

10
g-index

57
ext. papers

265
ext. citations

1.7
avg, IF

3.57
L-index

#	Paper	IF	Citations
53	Big Data Analysis Techniques for Cyber-threat Detection in Critical Infrastructures 2014 ,		16
52	Density-Based Outlier Detection for Safeguarding Electronic Patient Record Systems. <i>IEEE Access</i> , 2019 , 7, 40285-40294	3.5	15
51	Critical infrastructure protection: A 21st century challenge 2011 ,		13
50	Intrusion Prediction Systems. <i>Studies in Computational Intelligence</i> , 2017 , 155-174	0.8	11
49	2015 ,		10
48	A Machine Learning Approach for Detecting Unemployment Using the Smart Metering Infrastructure. <i>IEEE Access</i> , 2020 , 8, 22525-22536	3.5	8
47	A Study into Detecting Anomalous Behaviours within HealthCare Infrastructures 2016 ,		8
46	A study into data analysis and visualisation to increase the cyber-resilience of healthcare infrastructures 2017 ,		8
45	Identifying behavioural changes for health monitoring applications using the advanced metering infrastructure. <i>Behaviour and Information Technology</i> , 2019 , 38, 1154-1166	2.4	6
44	Patient Privacy Violation Detection in Healthcare Critical Infrastructures: An Investigation Using Density-Based Benchmarking. <i>Future Internet</i> , 2020 , 12, 100	3.3	6
43	2015 ,		6
42	Behavioural Observation for Critical Infrastructure Security Support 2013 ,		6
41	. <i>IEEE Access</i> , 2020 , 8, 7877-7898	3.5	5
40	A System for Intrusion Prediction in Cloud Computing 2016 ,		5
39	Smart meter profiling for health applications 2015 ,		4
38	Intelligent Health Monitoring Using Smart Meters. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 1104-1113	0.4	4
37	The dark side of I2P, a forensic analysis case study. <i>Systems Science and Control Engineering</i> , 2017 , 5, 278-286		3

36	Augmented Reality in Precision Farming: Concepts and Applications. <i>Smart Cities</i> , 2021 , 4, 1454-1468	3.3	3
35	Towards an Approach for Fuel Poverty Detection from Gas Smart Meter Data using Decision Tree Learning 2020 ,		3
34	Developing a Productivity Accelerator Platform to Support UK Businesses in the Industry 4.0 Revolution. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 517-525	0.4	3
33	A Survey of Critical Infrastructure Security. <i>Lecture Notes in Computer Science</i> , 2014 , 127-138	0.9	3
32	Investigations into the Development of a Knowledge Transfer Platform for Business Productivity 2019 ,		2
31	A Hybrid Density-Based Outlier Detection Model for Privacy in Electronic Patient Record system 2019 ,		2
30	An Investigation into Healthcare-Data Patterns. <i>Future Internet</i> , 2019 , 11, 30	3.3	2
29	Intrusion Detection Using Extremely Limited Data Based on SDN 2020 ,		2
28	Time-Pattern Profiling from Smart Meter Data to Detect Outliers in Energy Consumption. <i>IoT</i> , 2020 , 1, 92-108	2.1	2
27	Perceptions on Smart Gas Meters in Smart Cities for Reducing the Carbon Footprint. <i>Smart Cities</i> , 2020 , 3, 1173-1186	3.3	2
26	2016 ,		2
25	A Case Study on the Advantages of 3D Walkthroughs over Photo Stitching Techniques 2016 ,		2
24	Protecting critical infrastructures through behavioural observation. <i>International Journal of Critical Infrastructures</i> , 2014 , 10, 174	1	2
23	Managing critical infrastructures through behavioural observation 2012 ,		2
22	Estimating Road Traffic Capacity. <i>IEEE Access</i> , 2020 , 8, 228525-228547	3.5	2
21	Group Authentication Scheme for Neighbourhood Area Networks (NANs) in Smart Grids. <i>Journal of Sensor and Actuator Networks</i> , 2016 , 5, 9	3.8	2
20	Frequency Rank Order Statistic with Unknown Neural Network for ECG Identification System 2016 ,		2
19	A Fresh Look at Combining Logs and Network Data to Detect Anomalous Activity 2019 ,		2

18	A Smart Health Monitoring Technology. <i>Lecture Notes in Computer Science</i> , 2016 , 832-842	0.9	1
17	Age Group Detection in Stochastic Gas Smart Meter Data Using Decision-Tree Learning. <i>Lecture Notes in Computer Science</i> , 2019 , 593-605	0.9	1
16	Using behavioural observation and game technology to support critical infrastructure security. <i>International Journal of System of Systems Engineering</i> , 2014 , 5, 45	0.3	1
15	Evaluating the effects of cascading failures in a network of critical infrastructures. <i>International Journal of System of Systems Engineering</i> , 2015 , 6, 221	0.3	1
14	2015 ,		1
13	Simulating Critical Infrastructure Cascading Failure 2014 ,		1
12	Operational Support for Critical Infrastructure Security 2012 ,		1
11	A Systematic Literature Review of Industry 4.0 Technologies within Medical Device Manufacturing. <i>Future Internet</i> , 2021 , 13, 264	3.3	1
10	Replay Attack Impact on Advanced Metering Infrastructure (AMI). <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017 , 52-59	0.2	1
9	A Study into Autonomous Scanning for 3D Model Construction. <i>Lecture Notes in Computer Science</i> , 2017 , 182-190	0.9	1
8	A Hidden Markov Model and Fuzzy Logic Forecasting Approach for Solar Geyser Water Heating. <i>Infrastructures</i> , 2021 , 6, 67	2.6	1
7	Virtual conference design: features and obstacles.. <i>Multimedia Tools and Applications</i> , 2022 , 1-19	2.5	1
6	Predicting and Visualising City Noise Levels to Support Tinnitus Sufferers. <i>Lecture Notes in Computer Science</i> , 2015 , 583-598	0.9	0
5	A FRAMEWORK FOR ENCOURAGING CONSUMER BEHAVIORAL CHANGE BY MODELING SMART METER DATA ENERGY USAGE. <i>International Journal of Big Data Mining for Global Warming</i> , 2020 , 02, 2050006	0.2	0
4	Critical Infrastructures: Reliability, Resilience and Wastage. <i>Infrastructures</i> , 2022 , 7, 37	2.6	0
3	Towards Smart Meter Energy Analysis and Profiling to Support Low Carbon Emissions. <i>Communications in Computer and Information Science</i> , 2020 , 312-322	0.3	
2	A Key Management Scheme for Secure Communications Based on Smart Grid Requirements (KMS-CL-SG). <i>Advances in Information Security, Privacy, and Ethics Book Series</i> , 242-265	0.3	
1	A Support Network for Distributed Systems. <i>Lecture Notes in Computer Science</i> , 2016 , 318-330	0.9	

