

# Sarath Udayasiri Dampage

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7253402/publications.pdf>

Version: 2024-02-01

22  
papers

311  
citations

1163117

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h-index

1058476

14  
g-index

22  
all docs

22  
docs citations

22  
times ranked

116  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis and implementation of multi-port bidirectional converter for hybrid energy systems. Energy Reports, 2022, 8, 1538-1549.	5.1	17
2	Forest fire detection system using wireless sensor networks and machine learning. Scientific Reports, 2022, 12, 46.	3.3	75
3	Investigating the Impact of Wind Power Integration on Damping Characteristics of Low Frequency Oscillations in Power Systems. Sustainability, 2022, 14, 3841.	3.2	4
4	Combined Classifier-Demodulator Scheme Based on LSTM Architecture. Wireless Communications and Mobile Computing, 2022, 2022, 1-9.	1.2	3
5	Spatial Augmented Reality Based Customer Satisfaction Enhancement and Monitoring System. IEEE Access, 2021, 9, 97990-98004.	4.2	6
6	Automated virtual elephant fence based on detection, alarming, and coordinated redirection of wild elephants. Environmental Monitoring and Assessment, 2021, 193, 240.	2.7	6
7	An Automated Jet Nebulizer with Dynamic Flow Regulation. Journal of Pharmaceutical Innovation, 2021, , 1-11.	2.4	2
8	A Novel Machine Learning-Based Framework for Optimal and Secure Operation of Static VAR Compensators in EAFs. Sustainability, 2021, 13, 5777.	3.2	8
9	Investigating the Impact of Economic Uncertainty on Optimal Sizing of Grid-Independent Hybrid Renewable Energy Systems. Processes, 2021, 9, 1468.	2.8	44
10	Techno-Economic Assessment of a Grid-Independent Hybrid Power Plant for Co-Supplying a Remote Micro-Community with Electricity and Hydrogen. Processes, 2021, 9, 1375.	2.8	37
11	A Cost-Efficient-Based Cooperative Allocation of Mining Devices and Renewable Resources Enhancing Blockchain Architecture. Sustainability, 2021, 13, 10382.	3.2	19
12	SPSO Based Optimal Integration of DGs in Local Distribution Systems under Extreme Load Growth for Smart Cities. Electronics (Switzerland), 2021, 10, 2542.	3.1	25
13	A Multi-Layer Security Scheme for Mitigating Smart Grid Vulnerability against Faults and Cyber-Attacks. Applied Sciences (Switzerland), 2021, 11, 9972.	2.5	24
14	Effective Energy Management via False Data Detection Scheme for the Interconnected Smart Energy Hubâ€“Microgrid System under Stochastic Framework. Sustainability, 2021, 13, 11836.	3.2	25
15	Artificial Neural Network for Forecasting of Daily Reservoir Inflow: Case Study of the Kotmale Reservoir in Sri Lanka. , 2020, , .		4
16	Smart Agricultural Seeds Spreading Drone For Soft Soil Paddy Fields. , 2020, , .		2
17	QoS Aware Energy Efficient Vertical Handover Approach in LTE/WLAN Heterogeneous Networks. , 2020, , .		2
18	ComBot for Inspection and Fault Monitoring/Reporting of Telecommunication Mast Elements. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Integrated Rescue Group for Landslide Disaster Management. , 2018, , .		1
20	An Economical Approach for User Behaviour Determination for the Selection of Type of Location Based Services. Engineer: Journal of the Institution of Engineers, Sri Lanka, 2016, 40, 143.	0.2	0
21	A low-latency and energy efficient forward handover scheme for LTE-femtocell networks. , 2013, , .		5
22	Smart and automated fire and power monitoring system. , 2013, , .		2