

# Surender Dahiya

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

244  
citations

1478505

6  
h-index

1058476

14  
g-index

31  
all docs

31  
docs citations

31  
times ranked

130  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Robust Cascade Controller for Load Frequency Control of a Standalone Microgrid Incorporating Electric Vehicles. <i>Electric Power Components and Systems</i> , 2020, 48, 711-726.	1.8	55
2	Load frequency control of a microgrid employing a 2D Sine Logistic map based chaotic sine cosine algorithm. <i>Applied Soft Computing Journal</i> , 2021, 109, 107564.	7.2	46
3	A Novel Hybrid Fuzzy PD-TID Controller for Load Frequency Control of a Standalone Microgrid. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 1053-1065.	3.0	28
4	A novel fractional order proportional integral derivative plus second-order derivative controller for load frequency control. <i>International Journal of Sustainable Energy</i> , 2021, 40, 235-252.	2.4	25
5	Load Frequency Control of a Multi-Microgrid System Incorporating Electric Vehicles. <i>Electric Power Components and Systems</i> , 2021, 49, 867-883.	1.8	16
6	ACO Based QoS Aware Routing for Wireless Sensor Networks with Heterogeneous Nodes. <i>Lecture Notes in Electrical Engineering</i> , 2014, , 157-168.	0.4	9
7	Atom search optimization based study of frequency deviation response of a hybrid power system. , 2020, , .		8
8	Simulation of sensor less speed control of PMSM based on FOC method with MRAS adaptive speed estimator. , 2013, , .		6
9	Application of Biogeography-based Optimization for Economic Dispatch Problems. <i>International Journal of Computer Applications</i> , 2012, 47, 25-30.	0.2	6
10	Optimal Solution of Combined Economic Emission Load Dispatch using Genetic Algorithm. <i>International Journal of Computer Applications</i> , 2012, 48, 15-20.	0.2	6
11	An Efficient Particle Swarm Optimization with Time Varying Acceleration Coefficients to Solve Economic Dispatch Problem with Valve Point Loading. <i>Energy and Power</i> , 2012, 2, 74-80.	1.0	6
12	Power quality evaluation in deregulated power system using matrix method. <i>International Journal of Global Energy Issues</i> , 2007, 28, 1.	0.4	5
13	Hybrid operation of diesel generator with WECS using back to back converters and BESS. , 2012, , .		5
14	Load Sharing of Wind Based Microgrid in Autonomous Operation. <i>Journal of Wind Energy</i> , 2014, 2014, 1-7.	1.0	5
15	Management of power exchange between hybrid microgrids using intelligent control. , 2016, , .		5
16	Detection and classification of power quality events using multiwavelets. <i>International Journal of Energy Technology and Policy</i> , 2007, 5, 673.	0.2	3
17	Integration of embedded generation in local grid using STATCOM. <i>International Journal of Global Energy Issues</i> , 2009, 32, 278.	0.4	2
18	Cost Based Optimal Dynamic Economic Dispatch with Wind Integration. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
19	QoS Enabled Probabilistic Routing for Heterogeneous Wireless Sensor Networks. International Journal of Computer Network and Information Security, 2013, 5, 31-39.	1.9	2
20	Feature evaluation for recognition of unspoken small vocabulary using facial EMG. International Journal of Biomechatronics and Biomedical Robotics, 2012, 2, 32.	0.2	1
21	Grid voltage control with wind energy conversion system. , 2012, , .		1
22	Performance evaluation of ant based routing protocol for WSNs with Heterogeneous nodes under different radio propagation models. , 2013, , .		1
23	Model order reduction based LFC analysis of an autonomous microgrid. , 2020, , .		1
24	Automatic Classification of Power Quality Events Using Multiwavelets. , 2006, , .		0
25	Power quality issues of embedded generation. , 2006, , .		0
26	Neutral current compensation techniques in autonomous wind energy sources. International Journal of Energy and Environmental Engineering, 2014, 5, 357-363.	2.5	0
27	Dynamic stability enhancement of power system using PSO optimized fuzzy power system stabilizer. , 2014, , .		0
28	Dynamic stability enhancement of power system using PSO optimized fuzzy power system stabilizer. , 2014, , .		0
29	Economic analysis of losses due to voltage sag on industries using sensitivity method and comparison with cost of mitigation devices. International Journal of Business Continuity and Risk Management, 2015, 6, 96.	0.3	0
30	Designing a new insurance policy for industries to cover losses due to voltage sag. International Journal of Business Continuity and Risk Management, 2015, 6, 112.	0.3	0
31	PIICON 2020 Front Matters. , 2020, , .		0