

# Santoshkumar Hampannavar Senior Member Ieee

## List of Publications by Year in Descending Order

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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.

24 papers	61 citations	5 h-index	6 g-index
34 ext. papers	111 ext. citations	1.1 avg, IF	2.58 L-index

#	Paper	IF	Citations
24	Micro Phasor Measurement Unit (PMU) in Smart Distribution Network: A Cyber Physical System. <i>Algorithms for Intelligent Systems</i> , <b>2022</b> , 1-10	0.5	
23	Role of Battery Management System (BMS) in Sustainable Transportation. <i>Smart Innovation, Systems and Technologies</i> , <b>2022</b> , 355-366	0.5	
22	Applications of Battery Management System (BMS) in Sustainable Transportation: A Comprehensive Approach from Battery Modeling to Battery Integration to the Power Grid. <i>World Electric Vehicle Journal</i> , <b>2022</b> , 13, 80	2.5	0
21	Wind Potential Assessment for Micropower Generation in Tropical Wet Climate of India. <i>Lecture Notes in Electrical Engineering</i> , <b>2021</b> , 337-348	0.2	1
20	Control and Coordination Issues in Community Microgrid: A Review. <i>Lecture Notes in Electrical Engineering</i> , <b>2021</b> , 217-228	0.2	1
19	Analysis of microgrid integrated Photovoltaic (PV) Powered Electric Vehicle Charging Stations (EVCS) under different solar irradiation conditions in India: A way towards sustainable development and growth. <i>Energy Reports</i> , <b>2021</b> , 7, 8534-8547	4.6	2
18	A Universal Converter For Different Power Conversion Operations and High Power Applications <b>2021</b> ,		2
17	Agent-Based Wireless Sensor System for V2G Aggregation in Smart Grid. <i>Lecture Notes in Electrical Engineering</i> , <b>2021</b> , 3135-3141	0.2	
16	Wind Turbine Control Challenges-A Comprehensive Survey. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2021</b> , 511-521	0.2	
15	Optimal Placement of GEV Aggregation in Smart Grid: An Evolutionary Computation Algorithm Approach. <i>Lecture Notes in Electrical Engineering</i> , <b>2021</b> , 3159-3167	0.2	
14	Performance Improvement of M-Class Phasor Measurement Unit (PMU) using Hamming and Blackman Windows <b>2020</b> ,		5
13	Wireless Access Support for Distribution Management System (DMS) to Microgrid Communication in Power Network. <i>Lecture Notes in Electrical Engineering</i> , <b>2020</b> , 805-812	0.2	
12	A Stochastic Model Based on Markov Chain to Support Vehicle-to-Grid (V2G) Operation in Smart Distribution Network. <i>International Journal of Emerging Electric Power Systems</i> , <b>2019</b> , 20,	1.4	2
11	Gridable Electric Vehicle (GEV) Aggregation in Distribution Network to Support Grid Requirements: A Communication Approach. <i>International Journal of Emerging Electric Power Systems</i> , <b>2017</b> , 18,	1.4	4
10	Stochastic Model of Electric Vehicle Parking Lot Occupancy in Vehicle-to-grid (V2G). <i>Energy Procedia</i> , <b>2016</b> , 90, 655-659	2.3	6
9	Development of Markov Chain-Based Queuing Model and Wireless Infrastructure for EV to Smart Meter Communication in V2G. <i>International Journal of Emerging Electric Power Systems</i> , <b>2015</b> , 16, 153-163	1.4	2
8	Development of WSN system for precision agriculture <b>2015</b> ,		6

7	Performance analysis of LTE protocol for EV to EV communication in vehicle-to-grid (V2G) <b>2015,</b>	6
6	Markov chain based stochastic model of electric vehicle parking lot occupancy in vehicle-to-grid <b>2015,</b>	3
5	Performance investigation of mobile WiMAX protocol for aggregator and electrical vehicle communication in Vehicle-to-Grid(V2G) <b>2014,</b>	2
4	Long term evolution protocol for grid control center to aggregator communication in V2G for smart grid application <b>2014,</b>	1
3	On-board Vehicle-to-Grid (V2G) integrator for power transaction in smart grid environment <b>2014,</b>	5
2	Development of Wireless Sensor Node to Monitor Poultry Farm. <i>Communications in Computer and Information Science</i> , <b>2013</b> , 27-32	0.3 7
1	IEEE 802.16-2004(WiMAX) protocol for grid control center and aggregator communication in V2G for smart grid application <b>2013,</b>	5