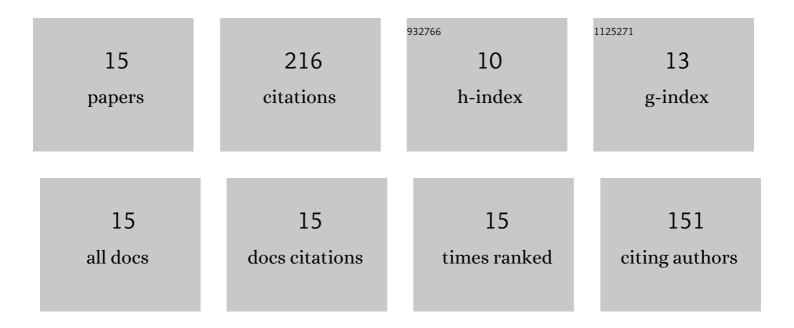
Kuldeep Kumar

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Operational characteristics of metal hydride energy storage system in microgrid. Energy Conversion and Management, 2019, 187, 176-190.	4.4	24
2	Renewable sources based DC microgrid using hydrogen energy storage: Modelling and experimental analysis. Sustainable Energy Technologies and Assessments, 2020, 42, 100840.	1.7	23
3	Analysis of metal hydride storage on the basis of thermophysical properties and its application in microgrid. Energy Conversion and Management, 2020, 222, 113217.	4.4	21
4	Energy management strategy for integration of fuel cell-electrolyzer technologies in microgrid. International Journal of Hydrogen Energy, 2021, 46, 33738-33755.	3.8	21
5	Effect of hysteresis band control strategy on energy efficiency and durability of solar-hydrogen storage based microgrid in partial cloudy condition. Journal of Energy Storage, 2020, 32, 101936.	3.9	20
6	Performance characterization of zero carbon emission microgrid in subtropical climate based on experimental energy and exergy analyses. Energy Conversion and Management, 2017, 154, 224-243.	4.4	15
7	Design and analysis of fuel cell and photovoltaic based 110 V DC microgrid using hydrogen energy storage. Energy Storage, 2019, 1, e60.	2.3	15
8	Dynamic power management based on model predictive control for hybrid-energy-storage-based grid-connected microgrids. International Journal of Electrical Power and Energy Systems, 2022, 143, 108384.	3.3	15
9	Effect of Hydrogen Enrichment Strategy on Performance and Emission Features of Biodiesel-Biogas Dual Fuel Engine Using Simulation and Experimental Analyses. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	1.4	12
10	A Study on DC Microgrids Voltages based on Photovoltaic and Fuel Cell Power Generators. , 2018, , .		11
11	Comparative efficiency analysis for silicon, silicon carbide MOSFETs and IGBT device for DC–DC boost converter. SN Applied Sciences, 2019, 1, 1.	1.5	11
12	Droop based control strategy for balancing the level of hydrogen storage in direct current microgrid application. Journal of Energy Storage, 2021, 33, 102106.	3.9	11
13	Technoâ€economic analysis of metal hydrideâ€based energy storage system in microgrid. Energy Storage, 2019, 1, e62.	2.3	10
14	Design and Economic Evaluation of Low Voltage DC Microgrid based on Hydrogen Storage. International Journal of Green Energy, 2021, 18, 66-79.	2.1	5
15	Implementation of PV-FC hybrid micro grid with grid interactive feature. , 2016, , .		2