

Sambit Satpathy

List of Publications by Year in descending order

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12
papers

186
citations

1683934

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1474057

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15
all docs

15
docs citations

15
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Buck Topology Powered Exclusively by Supercapacitor Modules – A Battery-Less Design Concept. IEEE Access, 2021, 9, 25758-25767.	2.6	3
2	A new healthcare diagnosis system using an IoT-based fuzzy classifier with FPGA. Journal of Supercomputing, 2020, 76, 5849-5861.	2.4	47
3	How and where to use super-capacitors effectively, an integration of review of past and new characterization works on super-capacitors. Journal of Energy Storage, 2020, 27, 101044.	3.9	37
4	Why supercapacitor follows complex time-dependent power law (t^{α}) and does not obey normal exponential rule? Journal of Energy Storage, 2020, 31, 101606.	3.9	15
5	An integration of the review of electrode materials and a new gamma function-based charging methodology of supercapacitor for high current applications. Materials Today: Proceedings, 2020, 26, 2151-2156.	0.9	4
6	Design a FPGA, fuzzy based, insolent method for prediction of multi-diseases in rural area. Journal of Intelligent and Fuzzy Systems, 2019, 37, 7039-7046.	0.8	25
7	Different Controlling Method of Closed Loop DC-DC Buck Converter: A review. , 2018, , .		8
8	Supercapacitors Outperform Conventional Batteries [Energy and Security]. IEEE Consumer Electronics Magazine, 2018, 7, 50-53.	2.3	30
9	A Graphical User Interface, Fuzzy Based Intelligent Rice Cooker. , 2015, , .		3
10	Comparative Study of Noise Removal Algorithms for Denoising Medical Image Using LabVIEW. , 2015, , .		4
11	An improved FPGA based model for automatic traffic sign detection. , 2015, , .		1
12	Data analysis on music classification system and creating a sentiment word dictionary for Kokborok language. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	3.3	4