

T N V Krishna

List of Publications by Year in descending order

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13
papers

569
citations

840776

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docs citations

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576
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Review of DCâ€“DC Converter Topologies and Modulation Strategies with Recent Advances in Solar Photovoltaic Systems. Electronics (Switzerland), 2020, 9, 31.	3.1	111
2	A Comprehensive Review of Li-Ion Battery Materials and Their Recycling Techniques. Electronics (Switzerland), 2020, 9, 1161.	3.1	111
3	Highly efficient copper-cobalt sulfide nano-reeds array with simplistic fabrication strategy for battery-type supercapacitors. Journal of Energy Storage, 2020, 32, 101988.	8.1	98
4	One-step hydrothermal synthesis of CuS@MnS on Ni foam for high performance supercapacitor electrode material. Electrochimica Acta, 2019, 305, 467-473.	5.2	53
5	Boosting the energy density of highly efficient flexible hybrid supercapacitors via selective integration of hierarchical nanostructured energy materials. Electrochimica Acta, 2020, 364, 137318.	5.2	48
6	One-Pot Hydrothermal Synthesis of Novel Cu-MnS with PVP Cabbage-Like Nanostructures for High-Performance Supercapacitors. Energies, 2018, 11, 1590.	3.1	34
7	An advanced nano-sticks & flake-type architecture of manganese-cobalt oxide as an effective electrode material for supercapacitor applications. Journal of Energy Storage, 2021, 40, 102702.	8.1	29
8	Enhancing the photovoltaic performance and stability of QDSSCs using surface reinforced Pt nanostructures with controllable morphology and superior electrocatalysis via cost-effective chemical bath deposition. Dalton Transactions, 2016, 45, 3450-3463.	3.3	25
9	Reagent induced morphological changes in NiCo2O4 electrode material for flexible supercapacitor. Materials Letters, 2019, 248, 218-221.	2.6	23
10	Digital Soft Start Implementation for Minimizing Start Up Transients in High Power DAB-IBDC Converter. Energies, 2018, 11, 956.	3.1	14
11	4T Analog MOS Control-High Voltage High Frequency (HVHF) Plasma Switching Power Supply for Water Purification in Industrial Applications. Electronics (Switzerland), 2018, 7, 245.	3.1	11
12	Development of Novel and Ultra-High-Performance Supercapacitor Based on a Four Layered Unique Structure. Electronics (Switzerland), 2018, 7, 121.	3.1	10
13	Hydrothermal synthesis of layered CoS@WS2 nanocomposite as a potential electrode for high-performance supercapacitor applications. Journal of Materials Science: Materials in Electronics, 2020, 31, 16290-16298.	2.2	2