T N V Krishna

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/84055/publications.pdf

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13	569	949033 11	1255698 13
papers	citations	h-index	g-index

13	13	13	640
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	3.9	29
2	A Comprehensive Review of DCâ€“DC Converter Topologies and Modulation Strategies with Recent Advances in Solar Photovoltaic Systems. Electronics (Switzerland), 2020, 9, 31.	1.8	111
3	Boosting the energy density of highly efficient flexible hybrid supercapacitors via selective integration of hierarchical nanostructured energy materials. Electrochimica Acta, 2020, 364, 137318.	2.6	48
4	A Comprehensive Review of Li-Ion Battery Materials and Their Recycling Techniques. Electronics (Switzerland), 2020, 9, 1161.	1.8	111
5	Highly efficient copper-cobalt sulfide nano-reeds array with simplistic fabrication strategy for battery-type supercapacitors. Journal of Energy Storage, 2020, 32, 101988.	3.9	98
6	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.	1.1	2
7	One-step hydrothermal synthesis of CuS@MnS on Ni foam for high performance supercapacitor electrode material. Electrochimica Acta, 2019, 305, 467-473.	2.6	53
8	Reagent induced morphological changes in NiCo2O4 electrode material for flexible supercapacitor. Materials Letters, 2019, 248, 218-221.	1.3	23
9	4T Analog MOS Control-High Voltage High Frequency (HVHF) Plasma Switching Power Supply for Water Purification in Industrial Applications. Electronics (Switzerland), 2018, 7, 245.	1.8	11
10	Digital Soft Start Implementation for Minimizing Start Up Transients in High Power DAB-IBDC Converter. Energies, 2018, 11, 956.	1.6	14
11	Development of Novel and Ultra-High-Performance Supercapacitor Based on a Four Layered Unique Structure. Electronics (Switzerland), 2018, 7, 121.	1.8	10
12	One-Pot Hydrothermal Synthesis of Novel Cu-MnS with PVP Cabbage-Like Nanostructures for High-Performance Supercapacitors. Energies, 2018, 11, 1590.	1.6	34
13	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.	1.6	25