

# Anil Kumar Yedluri

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

997  
citations

471477

17  
h-index

713444

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

500  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reagents assisted ZnCo <sub>2</sub> O <sub>4</sub> nanomaterial for supercapacitor application. <i>Electrochimica Acta</i> , 2020, 330, 135261.	5.2	159
2	Preparation and electrochemical performance of NiCo <sub>2</sub> O <sub>4</sub> @NiCo <sub>2</sub> O <sub>4</sub> composite nanoplates for high performance supercapacitor applications. <i>New Journal of Chemistry</i> , 2018, 42, 19971-19978.	2.8	110
3	Wearable super-high specific performance supercapacitors using a honeycomb with folded silk-like composite of NiCo <sub>2</sub> O <sub>4</sub> nanoplates decorated with NiMoO <sub>4</sub> honeycombs on nickel foam. <i>Dalton Transactions</i> , 2018, 47, 15545-15554.	3.3	109
4	Enhanced electrochemical performance of nanoplate nickel cobaltite (NiCo <sub>2</sub> O <sub>4</sub> ) supercapacitor applications. <i>RSC Advances</i> , 2019, 9, 1115-1122.	3.6	97
5	A MoNiO <sub>4</sub> flower-like electrode material for enhanced electrochemical properties via a facile chemical bath deposition method for supercapacitor applications. <i>New Journal of Chemistry</i> , 2020, 44, 522-529.	2.8	69
6	Facile synthesis of efficient construction of tungsten disulfide/iron cobaltite nanocomposite grown on nickel foam as a battery-type energy material for electrochemical supercapacitors with superior performance. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 434-446.	9.4	69
7	Facile fabrication of novel heterostructured tin disulfide (SnS <sub>2</sub> )/tin sulfide (SnS)/N-CNO composite with improved energy storage capacity for high-performance supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2021, 899, 115695.	3.8	51
8	Effect of Time on a Hierarchical Corn Skeleton-Like Composite of CoO@ZnO as Capacitive Electrode Material for High Specific Performance Supercapacitors. <i>Energies</i> , 2018, 11, 3285.	3.1	48
9	Boosting the energy density of highly efficient flexible hybrid supercapacitors via selective integration of hierarchical nanostructured energy materials. <i>Electrochimica Acta</i> , 2020, 364, 137318.	5.2	48
10	Self-Supported Co <sub>3</sub> O <sub>4</sub> @Mo-Co <sub>3</sub> O <sub>4</sub> Needle-like Nanosheet Heterostructured Architectures of Battery-Type Electrodes for High-Performance Asymmetric Supercapacitors. <i>Nanomaterials</i> , 2022, 12, 2330.	4.1	42
11	In-situ design of porous vanadium nitride@carbon nanobelts: A promising material for high-performance asymmetric supercapacitors. <i>Applied Surface Science</i> , 2022, 575, 151734.	6.1	31
12	Fabrication of Hierarchical NiMoO <sub>4</sub> /NiMoO <sub>4</sub> Nanoflowers on Highly Conductive Flexible Nickel Foam Substrate as a Capacitive Electrode Material for Supercapacitors with Enhanced Electrochemical Performance. <i>Energies</i> , 2019, 12, 1143.	3.1	26
13	Design and construction of hierarchical MnFe <sub>2</sub> Ce <sub>4</sub> @MnNiCe <sub>4</sub> nanosheets on Ni foam as an advanced electrode for battery-type supercapacitor applications. <i>Journal of Energy Storage</i> , 2022, 51, 104542.	8.1	23
14	Multiple structural defects in poor crystalline nickel-doped tungsten disulfide nanorods remarkably enhance supercapacitive performance. <i>International Journal of Energy Research</i> , 2022, 46, 14227-14239.	4.5	23
15	Influence of solvents in the preparation of cobalt sulfide for supercapacitors. <i>Royal Society Open Science</i> , 2017, 4, 170427.	2.4	22
16	Crafting nanoflower-built MnCo <sub>2</sub> S <sub>4</sub> anchored to Ni foam as a prominent energy conversion and energy storage electrode for high-performance supercapacitor applications. <i>Journal of Energy Storage</i> , 2021, 43, 103155.	8.1	22
17	Facile Fabrication of MnCo <sub>2</sub> O <sub>4</sub> /NiO Flower-Like Nanostructure Composites with Improved Energy Storage Capacity for High-Performance Supercapacitors. <i>Nanomaterials</i> , 2021, 11, 1424.	4.1	20
18	A facile one-step hydrothermal approach for the synthesis of a CuMoO <sub>4</sub> /MoS <sub>2</sub> composite as a high performance pseudocapacitive material for supercapacitor applications. <i>New Journal of Chemistry</i> , 2019, 43, 15605-15613.	2.8	13

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19	Facilely Synthesized NiCo <sub>2</sub> O <sub>4</sub> /NiCo <sub>2</sub> O <sub>4</sub> Nanofile Arrays Supported on Nickel Foam by a Hydrothermal Method and Their Excellent Performance for High-Rate Supercapacitance. <i>Energies</i> , 2019, 12, 1308.	3.1	7
20	Effectively constructed by the interior and interface coexisting design of cobalt-doped NiFe <sub>2</sub> S <sub>4</sub> nanosheets for high-performance supercapacitors. <i>International Journal of Energy Research</i> , 2022, 46, 9358-9370.	4.5	6
21	Facile synthesis of NF/ZnO <sub>x</sub> and NF/CoO <sub>x</sub> nanostructures for high performance supercapacitor electrode materials. <i>RSC Advances</i> , 2019, 9, 21225-21232.	3.6	2