

# Anil Kumar Yedluri

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

997  
citations

535685

17  
h-index

799663

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

548  
citing authors

#	ARTICLE	IF	CITATIONS
1	In-situ design of porous vanadium nitride@carbon nanobelts: A promising material for high-performance asymmetric supercapacitors. Applied Surface Science, 2022, 575, 151734.	3.1	31
2	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. Journal of Colloid and Interface Science, 2022, 609, 434-446.	5.0	69
3	Effectively constructed by the interior and interface coexisting design of cobalt-doped $\text{NiFe}_2\text{S}_4$ nanosheets for high-performance supercapacitors. International Journal of Energy Research, 2022, 46, 9358-9370.	2.2	6
4	Design and construction of hierarchical $\text{MnFe}_2\text{Ce}_4/\text{MnNiCe}_4$ nanosheets on Ni foam as an advanced electrode for battery-type supercapacitor applications. Journal of Energy Storage, 2022, 51, 104542.	3.9	23
5	Multiple structural defects in poor crystalline nickel-doped tungsten disulfide nanorods remarkably enhance supercapacitive performance. International Journal of Energy Research, 2022, 46, 14227-14239.	2.2	23
6	Self-Supported $\text{Co}_3\text{O}_4/\text{Mo-Co}_3\text{O}_4$ Needle-like Nanosheet Heterostructured Architectures of Battery-Type Electrodes for High-Performance Asymmetric Supercapacitors. Nanomaterials, 2022, 12, 2330.	1.9	42
7	Facile Fabrication of $\text{MnCo}_2\text{O}_4/\text{NiO}$ Flower-Like Nanostructure Composites with Improved Energy Storage Capacity for High-Performance Supercapacitors. Nanomaterials, 2021, 11, 1424.	1.9	20
8	Facile fabrication of novel heterostructured tin disulfide ( $\text{SnS}_2$ )/tin sulfide ( $\text{SnS}$ )/N-CNO composite with improved energy storage capacity for high-performance supercapacitors. Journal of Electroanalytical Chemistry, 2021, 899, 115695.	1.9	51
9	Crafting nanoflower-built $\text{MnCo}_2\text{S}_4$ anchored to Ni foam as a prominent energy conversion and energy storage electrode for high-performance supercapacitor applications. Journal of Energy Storage, 2021, 43, 103155.	3.9	22
10	Reagents assisted $\text{ZnCo}_2\text{O}_4$ nanomaterial for supercapacitor application. Electrochimica Acta, 2020, 330, 135261.	2.6	159
11	A $\text{MoNiO}_4$ flower-like electrode material for enhanced electrochemical properties via a facile chemical bath deposition method for supercapacitor applications. New Journal of Chemistry, 2020, 44, 522-529.	1.4	69
12	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
13	Facile synthesis of $\text{NF}/\text{ZnOx}$ and $\text{NF}/\text{CoOx}$ nanostructures for high performance supercapacitor electrode materials. RSC Advances, 2019, 9, 21225-21232.	1.7	2
14	Enhanced electrochemical performance of nanoplate nickel cobaltite ( $\text{NiCo}_2\text{O}_4$ ) supercapacitor applications. RSC Advances, 2019, 9, 1115-1122.	1.7	97
15	Facilely Synthesized $\text{NiCo}_2\text{O}_4/\text{NiCo}_2\text{O}_4$ Nanoflake Arrays Supported on Nickel Foam by a Hydrothermal Method and Their Excellent Performance for High-Rate Supercapacitance. Energies, 2019, 12, 1308.	1.6	7
16	Fabrication of Hierarchical $\text{NiMoO}_4/\text{NiMoO}_4$ Nanoflowers on Highly Conductive Flexible Nickel Foam Substrate as a Capacitive Electrode Material for Supercapacitors with Enhanced Electrochemical Performance. Energies, 2019, 12, 1143.	1.6	26
17	A facile one-step hydrothermal approach for the synthesis of a $\text{CuMoO}_4/\text{MoS}_2$ composite as a high performance pseudocapacitive material for supercapacitor applications. New Journal of Chemistry, 2019, 43, 15605-15613.	1.4	13
18	Preparation and electrochemical performance of $\text{NiCo}_2\text{O}_4/\text{NiCo}_2\text{O}_4$ composite nanoplates for high performance supercapacitor applications. New Journal of Chemistry, 2018, 42, 19971-19978.	1.4	110

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19	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. Dalton Transactions, 2018, 47, 15545-15554.	1.6	109
20	Effect of Time on a Hierarchical Corn Skeleton-Like Composite of CoO@ZnO as Capacitive Electrode Material for High Specific Performance Supercapacitors. Energies, 2018, 11, 3285.	1.6	48
21	Influence of solvents in the preparation of cobalt sulfide for supercapacitors. Royal Society Open Science, 2017, 4, 170427.	1.1	22