Yedluri Anil Kumar

List of Publications by Year in Descending Order

36 papers	578 citations	15 h-index	22 g-index
44 ext. papers	1,244 ext. citations	5.2 avg, IF	5.18 L-index

#	Paper	IF	Citations
36	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	9.3	10
35	A novel hybridized needle-like Co3O4/N-CNO composite for superior energy storage asymmetric supercapacitors. *Journal of Alloys and Compounds*, **2022**, 908, 164447	5.7	3
34	Design and construction of hierarchical MnFe2Ce4@MnNiCe4 nanosheets on Ni foam as an advanced electrode for battery-type supercapacitor applications. *Journal of Energy Storage*, **2022**, 51, 104542	7.8	0
33	In-situ design of porous vanadium nitride@carbon nanobelts: a promising material for high-performance asymmetric supercapacitors. *Applied Surface Science*, **2021**, 151734	6.7	8
32	Ni foam conductive substrate supported interwoven ZnCo2S4 nanowires with highly enhanced performances for supercapacitors. *Journal of Energy Storage*, **2021**, 44, 103417	7.8	7
31	NO2-functionalized metal□organic framework incorporating bimetallic alloy nanoparticles as a sensor for efficient electrochemical detection of dopamine. *Electrochemistry Communications*, **2021**, 125, 107012	5.1	15
30	Binder-free hierarchical core-shell-like CoMn2O4@MnS nanowire arrays on nickel foam as a battery-type electrode material for high-performance supercapacitors. *Journal of Energy Storage*, **2021**, 36, 102377	7.8	15
29	Facile Fabrication of MnCoO/NiO Flower-Like Nanostructure Composites with Improved Energy Storage Capacity for High-Performance Supercapacitors. *Nanomaterials*, **2021**, 11,	5.4	8
28	Electrochemical sensor based on nitrogen-enriched metal□organic framework for selective and sensitive detection of hydrazine and hydrogen peroxide. *Journal of Environmental Chemical Engineering*, **2021**, 9, 105182	6.8	11
27	Influence of temperature on the magnetic properties of Mn3O4 nanowires. *Current Chemistry Letters*, **2021**, 203-208	0.9	2
26	Control Strategy Based on Arm-Level Control for Output and Circulating Current of MMC in Stationary Reference Frame. *Energies*, **2021**, 14, 4160	3.1	4
25	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	7.8	4
24	Facile fabrication of novel heterostructured tin disulfide (SnS2)/tin sulfide (SnS)/N-CNO composite with improved energy storage capacity for high-performance supercapacitors. *Journal of Electroanalytical Chemistry*, **2021**, 899, 115695	4.1	8
23	Architecture of superior hybrid electrode by the composition of Cu2O nanoflakes, novel cadmium ferrite (CdFe2O4) nanoparticles, and g-C3N4 sheets for symmetric and asymmetric supercapacitors. *Journal of Energy Storage*, **2021**, 43, 103302	7.8	6
22	Crafting nanoflower-built MnCo2S4 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	7.8	6
21	Self-assembled and highly faceted growth of Mo and V doped ZnO nanoflowers for high-performance supercapacitors. *Journal of Alloys and Compounds*, **2021**, 886, 161234	5.7	9
20	Hierarchical NiCo2S4 nanostructure as highly efficient electrode material for high-performance supercapacitor applications. *Journal of Energy Storage*, **2020**, 31, 101619	7.8	26

19	Facile preparation of hierarchical MgCo2O4/MgCo2O4 nanochain array composites on Ni foam as advanced electrode materials for supercapacitors. *New Journal of Chemistry*, **2020**, 44, 4266-4275	3.6	16
18	Facile preparation of a highly efficient NiZnO-NiO nanoflower composite grown on Ni foam as an advanced battery-type electrode material for high-performance electrochemical supercapacitors. *Dalton Transactions*, **2020**, 49, 3622-3629	4.3	39
17	A novel electrode for supercapacitors: efficient PVP-assisted synthesis of NiS nanostructures grown on Ni foam for energy storage. *Dalton Transactions*, **2020**, 49, 4050-4059	4.3	36
16	Facile synthesis of novel and highly efficient CoNi2S4-Ni(OH)2 nanosheet arrays as pseudocapacitive-type electrode material for high-performance electrochemical supercapacitors. *Journal of Energy Storage*, **2020**, 31, 101623	7.8	27
15	Reagents assisted ZnCo2O4 nanomaterial for supercapacitor application. *Electrochimica Acta*, **2020**, 330, 135261	6.7	58
14	A MoNiO4 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	3.6	23
13	Boosting the energy density of highly efficient flexible hybrid supercapacitors via selective integration of hierarchical nanostructured energy materials. *Electrochimica Acta*, **2020**, 364, 137318	6.7	16
12	CoCu2O4 nanoflowers architecture as an electrode material for battery type supercapacitor with improved electrochemical performance. *Nano Structures Nano Objects*, **2020**, 24, 100618	5.6	7
11	Highly efficient copper-cobalt sulfide nano-reeds array with simplistic fabrication strategy for battery-type supercapacitors. *Journal of Energy Storage*, **2020**, 32, 101988	7.8	23
10	Enhanced electrochemical performance of nanoplate nickel cobaltite (NiCoO) supercapacitor applications.. *RSC Advances*, **2019**, 9, 1115-1122	3.7	46
9	One-step synthesis and electrochemical performance of a PbMoO/CdMoO composite as an electrode material for high-performance supercapacitor applications. *Dalton Transactions*, **2019**, 48, 10652-10660	4.3	12
8	Facilely Synthesized NiCo2O4/NiCo2O4 Nanofile Arrays Supported on Nickel Foam by a Hydrothermal Method and Their Excellent Performance for High-Rate Supercapacitance. *Energies*, **2019**, 12, 1308	3.1	7
7	Fabrication of Hierarchical NiMoO4/NiMoO4 Nanoflowers on Highly Conductive Flexible Nickel Foam Substrate as a Capacitive Electrode Material for Supercapacitors with Enhanced Electrochemical Performance. *Energies*, **2019**, 12, 1143	3.1	15
6	Facile synthesis of NF/ZnOx and NF/CoOx nanostructures for high performance supercapacitor electrode materials.. *RSC Advances*, **2019**, 9, 21225-21232	3.7	
5	A facile one-step hydrothermal approach for the synthesis of a CuMoO4/MoS2 composite as a high performance pseudocapacitive material for supercapacitor applications. *New Journal of Chemistry*, **2019**, 43, 15605-15613	3.6	4
4	Preparation and electrochemical performance of NiCo2O4@NiCo2O4 composite nanoplates for high performance supercapacitor applications. *New Journal of Chemistry*, **2018**, 42, 19971-19978	3.6	33
3	Wearable super-high specific performance supercapacitors using a honeycomb with folded silk-like composite of NiCoO nanoplates decorated with NiMoO honeycombs on nickel foam. *Dalton Transactions*, **2018**, 47, 15545-15554	4.3	34
2	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	3.1	19

1	Influence of solvents in the preparation of cobalt sulfide for supercapacitors. *Royal Society Open Science*, **2017**, 4, 170427	3.3	16