Yedluri Anil Kumar

List of Publications by Citations

Source: https://exaly.com/author-pdf/4973325/yedluri-anil-kumar-publications-by-citations.pdf
Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Reagents assisted ZnCo2O4 nanomaterial for supercapacitor application. *Electrochimica Acta*, **2020**, 330, 135261	6.7	58
35	Enhanced electrochemical performance of nanoplate nickel cobaltite (NiCoO) supercapacitor applications.. *RSC Advances*, **2019**, 9, 1115-1122	3.7	46
34	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
33	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
32	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
31	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
30	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
29	Hierarchical NiCo2S4 nanostructure as highly efficient electrode material for high-performance supercapacitor applications. *Journal of Energy Storage*, **2020**, 31, 101619	7.8	26
28	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
27	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
26	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
25	Influence of solvents in the preparation of cobalt sulfide for supercapacitors. *Royal Society Open Science*, **2017**, 4, 170427	3.3	16
24	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
23	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
22	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
21	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
20	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

19	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
18	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
17	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
16	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
15	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
14	Facile Fabrication of MnCoO/NiO Flower-Like Nanostructure Composites with Improved Energy Storage Capacity for High-Performance Supercapacitors. *Nanomaterials*, **2021**, 11,	5.4	8
13	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
12	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
11	Ni foam conductive substrate supported interwoven ZnCo2S4 nanowires with highly enhanced performances for supercapacitors. *Journal of Energy Storage*, **2021**, 44, 103417	7.8	7
10	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
9	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
8	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
7	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
6	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
5	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
4	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
3	Influence of temperature on the magnetic properties of Mn3O4 nanowires. *Current Chemistry Letters*, **2021**, 203-208	0.9	2
2	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

1	Facile synthesis of NF/ZnOx and NF/CoOx nanostructures for high performance supercapacitor electrode materials.. *RSC Advances*, **2019**, 9, 21225-21232	3.7