

# Subbukalai Vijayakumar

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

1,818  
citations

687363

13  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

2345  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of Sr-doped CdO nanoplatelets for supercapacitor applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 8426-8434.	2.2	11
2	Facile Synthesis of Zn-Co-S Nanostrip Cluster Arrays on Ni Foam for High-Performance Hybrid Supercapacitors. <i>Nanomaterials</i> , 2021, 11, 3209.	4.1	7
3	Controlled synthesis and growth mechanism of zinc cobalt sulfide rods on Ni-foam for high-performance supercapacitors. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 71, 250-259.	5.8	66
4	<i>In situ</i> preparation of MgCo <sub>2</sub> O <sub>4</sub> nanosheets on Ni-foam as a binder-free electrode for high performance hybrid supercapacitors. <i>Dalton Transactions</i> , 2018, 47, 6722-6728.	3.3	58
5	Cu-Zn-Co oxide nanoflakes on Ni-foam as a binder free electrode for energy storage applications. <i>Materials Letters</i> , 2018, 219, 143-147.	2.6	12
6	CuCo <sub>2</sub> O <sub>4</sub> flowers/Ni-foam architecture as a battery type positive electrode for high performance hybrid supercapacitor applications. <i>Electrochimica Acta</i> , 2017, 238, 99-106.	5.2	121
7	Cerium oxide mixed LaMnO <sub>3</sub> nanoparticles as the negative electrode for aqueous asymmetric supercapacitor devices. <i>Materials Chemistry and Physics</i> , 2017, 199, 543-551.	4.0	80
8	Porous thin layered nanosheets assembled ZnCo <sub>2</sub> O <sub>4</sub> grown on Ni-foam as an efficient electrode material for hybrid supercapacitor applications. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 3122-3129.	7.1	70
9	Hybrid supercapacitor devices based on MnCo <sub>2</sub> O <sub>4</sub> as the positive electrode and FeMn <sub>2</sub> O <sub>4</sub> as the negative electrode. <i>Applied Surface Science</i> , 2016, 390, 202-208.	6.1	127
10	Synthesis of Ag Anchored Ag <sub>3</sub> VO <sub>4</sub> Stacked Nanosheets: Toward a Negative Electrode Material for High-Performance Asymmetric Supercapacitor Devices. <i>Journal of Physical Chemistry C</i> , 2016, 120, 18963-18970.	3.1	22
11	Synthesis of Zn <sub>3</sub> V <sub>2</sub> O <sub>8</sub> nanoplatelets for lithium-ion battery and supercapacitor applications. <i>RSC Advances</i> , 2015, 5, 91822-91828.	3.6	90
12	Hierarchical CuCo <sub>2</sub> O <sub>4</sub> nanobelts as a supercapacitor electrode with high areal and specific capacitance. <i>Electrochimica Acta</i> , 2015, 182, 979-986.	5.2	268
13	Biopolymer-Assisted Synthesis of $\gamma$ -MnO <sub>2</sub> Nanoparticles As an Electrode Material for Aqueous Symmetric Supercapacitor Devices. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 18262-18268.	3.7	69
14	Supercapacitor Studies on NiO Nanoflakes Synthesized Through a Microwave Route. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 2188-2196.	8.0	542
15	Synthesis of Mn <sub>3</sub> O <sub>4</sub> /Amorphous Carbon Nanoparticles as Electrode Material for High Performance Supercapacitor Applications. <i>Energy &amp; Fuels</i> , 2013, 27, 3508-3515.	5.1	156
16	Porous NiO/C Nanocomposites as Electrode Material for Electrochemical Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 1110-1118.	6.7	119