

# Nithya Vd

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24  
papers

1,153  
citations

17  
h-index

25  
g-index

25  
ext. papers

1,348  
ext. citations

4.9  
avg, IF

5.12  
L-index

#	Paper	IF	Citations
24	A review on holey graphene electrode for supercapacitor. <i>Journal of Energy Storage</i> , <b>2021</b> , 44, 103380	7.8	8
23	Recent advances in CoSe <sub>2</sub> electrocatalysts for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> ,	6.7	4
22	Sonochemical synthesis, structural, electrical transport and magnetic properties of NiWO <sub>4</sub> nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 15616-15626	2.1	1
21	Review on Fe <sub>2</sub> O <sub>3</sub> based negative electrode for high performance supercapacitors. <i>Journal of Power Sources</i> , <b>2016</b> , 327, 297-318	8.9	226
20	Progress and development of Fe <sub>3</sub> O <sub>4</sub> electrodes for supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 10767-10778	13	165
19	Molybdenum disulfide quantum dots: synthesis and applications. <i>RSC Advances</i> , <b>2016</b> , 6, 65670-65682	3.7	63
18	Temperature dependent electrical and magnetic properties of CoWO <sub>4</sub> nanoparticles synthesized by sonochemical method. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2016</b> , 214, 57-67	3.1	26
17	Impact of Si <sup>4+</sup> Ions Doping on the Electrochemical Cycling Performance of NiTiO <sub>3</sub> as Anodes for Li-Ion Batteries. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2015</b> , 15, 694-702	1.3	10
16	Hexamethylenetetramine assisted hydrothermal synthesis of BiPO <sub>4</sub> and its electrochemical properties for supercapacitors. <i>Journal of Physics and Chemistry of Solids</i> , <b>2015</b> , 86, 11-18	3.9	27
15	Synthesis, characterization and electrochemical performances of nanocrystalline FeVO <sub>4</sub> as negative and LiCoPO <sub>4</sub> as positive electrode for asymmetric supercapacitor. <i>Electrochimica Acta</i> , <b>2015</b> , 167, 97-104	6.7	30
14	Studies on the electrochemical intercalation/de-intercalation mechanism of NiMn <sub>2</sub> O <sub>4</sub> for high stable pseudocapacitor electrodes. <i>RSC Advances</i> , <b>2015</b> , 5, 27649-27656	3.7	60
13	Effect of carbon coating on the electrochemical properties of Bi <sub>2</sub> WO <sub>6</sub> nanoparticles by PVP-assisted sonochemical method. <i>Journal of Applied Electrochemistry</i> , <b>2015</b> , 45, 473-485	2.6	8
12	Effect of pH on the sonochemical synthesis of BiPO <sub>4</sub> nanostructures and its electrochemical properties for pseudocapacitors. <i>Ultrasonics Sonochemistry</i> , <b>2015</b> , 22, 300-10	8.9	53
11	Electrical and electrochemical properties of molten-salt-synthesized 0.05 mol Zr- and Si-doped Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> microcrystals. <i>Journal of Applied Electrochemistry</i> , <b>2014</b> , 44, 647-654	2.6	17
10	Surfactant assisted sonochemical synthesis of Bi <sub>2</sub> WO <sub>6</sub> nanoparticles and their improved electrochemical properties for use in pseudocapacitors. <i>RSC Advances</i> , <b>2014</b> , 4, 4343-4352	3.7	14
9	Phase and shape dependent electrochemical properties of BiPO <sub>4</sub> by PVP assisted hydrothermal method for pseudocapacitors. <i>RSC Advances</i> , <b>2014</b> , 4, 65184-65194	3.7	26
8	Physicochemical properties of V <sup>5+</sup> doped LiCoPO <sub>4</sub> as cathode materials for Li-ion batteries. <i>Journal of Sol-Gel Science and Technology</i> , <b>2013</b> , 65, 399-410	2.3	23

7	Investigations on the temperature dependent electrical and magnetic properties of NiTiO <sub>3</sub> by molten salt synthesis. <i>Materials Research Bulletin</i> , <b>2013</b> , 48, 1110-1116	5.1	59
6	Electrical and electrochemical properties of molten salt-synthesized Li <sub>4</sub> Ti <sub>5-x</sub> Sn <sub>x</sub> O <sub>12</sub> (x=0.0, 0.05 and 0.1) as anodes for Li-ion batteries. <i>Journal of Physics and Chemistry of Solids</i> , <b>2013</b> , 74, 1515-1521	3.9	29
5	Synthesis of Bi <sub>2</sub> WO <sub>6</sub> nanoparticles and its electrochemical properties in different electrolytes for pseudocapacitor electrodes. <i>Electrochimica Acta</i> , <b>2013</b> , 109, 720-731	6.7	113
4	Studies on the structural, electrical and magnetic properties of LaCrO <sub>3</sub> , LaCr <sub>0.5</sub> Cu <sub>0.5</sub> O <sub>3</sub> and LaCr <sub>0.5</sub> Fe <sub>0.5</sub> O <sub>3</sub> by sol-gel method. <i>Materials Research Bulletin</i> , <b>2012</b> , 47, 1861-1868	5.1	50
3	Molten salt synthesis and characterization of Li <sub>4</sub> Ti <sub>5-x</sub> Mn <sub>x</sub> O <sub>12</sub> (x=0.0, 0.05 and 0.1) as anodes for Li-ion batteries. <i>Applied Surface Science</i> , <b>2012</b> , 261, 515-519	6.7	31
2	Synthesis and characterization of FeVO <sub>4</sub> nanoparticles. <i>Materials Research Bulletin</i> , <b>2011</b> , 46, 1654-1658	5.1	49
1	Synthesis, electrical and dielectric properties of FeVO <sub>4</sub> nanoparticles. <i>Physica B: Condensed Matter</i> , <b>2011</b> , 406, 24-29	2.8	61