

# Dhrubananda Behera

## List of Publications by Year in descending order

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15  
papers

132  
citations

1307594

7  
h-index

1281871

11  
g-index

15  
all docs

15  
docs citations

15  
times ranked

75  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric field emission and anomalies of electrical conductivity above room temperature in heterogeneous NiO-SnO <sub>2</sub> nano-ceramic composites. Journal of Applied Physics, 2020, 127, .	2.5	24
2	Magnetic and Optical Studies of NiFe <sub>2</sub> O <sub>4</sub> Micro- and Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2020, 33, 1619-1627.	1.8	20
3	High-temperature impedance and alternating current conduction mechanism of Ni <sub>0.5</sub> Zn <sub>0.5</sub> WO <sub>4</sub> micro-crystal for electrical energy storage application. Journal of the Australian Ceramic Society, 2020, 56, 1253-1259.	1.9	18
4	Almond-West type grain and grain boundary conduction-modified dielectric relaxation in NdCoO <sub>3</sub> . Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	15
5	Enhancement of Pseudocapacitive Behavior, Cyclic Performance, and Field Emission Characteristics of Reduced Graphene Oxide Reinforced NiGa <sub>2</sub> O <sub>4</sub> Nanostructured Electrode: A First Principles Calculation to Correlate with Experimental Observation. Journal of Physical Chemistry C, 2021, 125, 7898-7912.	3.1	15
6	Band-correlated barrier-hopping conduction in $\hat{1}\pm$ -NiMoO <sub>4</sub> micro-crystals and comparison of its energy storage performance with MWCNT-integrated complex. Journal of Materials Science: Materials in Electronics, 2020, 31, 5336-5352.	2.2	11
7	Pressure-induced octahedral tilting distortion and structural phase transition in columbite structured NiNb <sub>2</sub> O <sub>6</sub> . Journal of Applied Physics, 2020, 128, .	2.5	9
8	Exploration of alternating current conduction mechanism and dielectric relaxation with Maxwell-Wagner effect in NiO-CdO-Gd <sub>2</sub> O <sub>3</sub> nanocomposites. European Physical Journal Plus, 2021, 136, 1.	2.6	7
9	Fowler-Nordheim Law Correlated with Improved Field Emission in Self-Assembled NiCr <sub>2</sub> O <sub>4</sub> Nanosheets. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 1900741.	1.8	6
10	Low-Temperature Spin-Canted Magnetism and Bipolaron Freezing Electrical Transition in Potential Electron Field Emitter NdNiO <sub>3</sub> . ACS Applied Electronic Materials, 2022, 4, 3134-3146.	4.3	3
11	Improvement of critical parameters of YBCO superconductor by addition of graphene oxide. AIP Conference Proceedings, 2019, .	0.4	2
12	Investigation on impedance response and dielectric properties of La <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> -CoFe <sub>2</sub> O <sub>4</sub> nanocomposite. AIP Conference Proceedings, 2019, .	0.4	1
13	Structural Metamorphosis and Band Dislocation of Trirutile NiTa <sub>2</sub> O <sub>6</sub> under Compression. Journal of Physical Chemistry C, 2022, 126, 4106-4117.	3.1	1
14	Observation of room temperature Raman, magnetic and ferroelectric response of (1 - x)NiCo <sub>2</sub> O <sub>4</sub> - xBaTiO <sub>3</sub> nanocomposites system. AIP Conference Proceedings, 2019, .	0.4	0
15	Tunable magnetic and dielectric properties of La <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> /NiFe <sub>2</sub> O <sub>4</sub> nanocomposites at room temperature. AIP Conference Proceedings, 2020, .	0.4	0