

# Dhrubananda Behera

## List of Publications by Year in descending order

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15  
papers

132  
citations

1307594

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h-index

1281871

11  
g-index

15  
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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Metamorphosis and Band Dislocation of Trirutile $\text{NiTa}_2\text{O}_6$ under Compression. <i>Journal of Physical Chemistry C</i> , 2022, 126, 4106-4117.	3.1	1
2	Low-Temperature Spin-Canted Magnetism and Bipolaron Freezing Electrical Transition in Potential Electron Field Emitter $\text{NdNiO}_3$ . <i>ACS Applied Electronic Materials</i> , 2022, 4, 3134-3146.	4.3	3
3	Enhancement of Pseudocapacitive Behavior, Cyclic Performance, and Field Emission Characteristics of Reduced Graphene Oxide Reinforced $\text{NiGa}_2\text{O}_4$ Nanostructured Electrode: A First Principles Calculation to Correlate with Experimental Observation. <i>Journal of Physical Chemistry C</i> , 2021, 125, 7898-7912.	3.1	15
4	Exploration of alternating current conduction mechanism and dielectric relaxation with Maxwell-Wagner effect in $\text{NiO}$ - $\text{CdO}$ - $\text{Gd}_2\text{O}_3$ nanocomposites. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	7
5	Magnetic and Optical Studies of $\text{NiFe}_2\text{O}_4$ Micro- and Nanoparticles. <i>Journal of Superconductivity and Novel Magnetism</i> , 2020, 33, 1619-1627.	1.8	20
6	Fowler-Nordheim Law Correlated with Improved Field Emission in Self-Assembled $\text{NiCr}_2\text{O}_4$ Nanosheets. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020, 217, 1900741.	1.8	6
7	Pressure-induced octahedral tilting distortion and structural phase transition in columbite structured $\text{NiNb}_2\text{O}_6$ . <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	9
8	High-temperature impedance and alternating current conduction mechanism of $\text{Ni}_0.5\text{Zn}_0.5\text{WO}_4$ micro-crystal for electrical energy storage application. <i>Journal of the Australian Ceramic Society</i> , 2020, 56, 1253-1259.	1.9	18
9	Band-correlated barrier-hopping conduction in $\text{NiMoO}_4$ micro-crystals and comparison of its energy storage performance with MWCNT-integrated complex. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 5336-5352.	2.2	11
10	Electric field emission and anomalies of electrical conductivity above room temperature in heterogeneous $\text{NiO}$ - $\text{SnO}_2$ nano-ceramic composites. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	24
11	Tunable magnetic and dielectric properties of $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3/\text{NiFe}_2\text{O}_4$ nanocomposites at room temperature. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
12	Investigation on impedance response and dielectric properties of $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3\text{-CoFe}_2\text{O}_4$ nanocomposite. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	1
13	Improvement of critical parameters of YBCO superconductor by addition of graphene oxide. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	2
14	Observation of room temperature Raman, magnetic and ferroelectric response of $(1-x)\text{NiCo}_2\text{O}_4-x\text{BaTiO}_3$ nanocomposites system. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
15	Almond-West type grain and grain boundary conduction-modified dielectric relaxation in $\text{NdCoO}_3$ . <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	15