

# Sanjib Nayak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6389058/publications.pdf>

Version: 2024-02-01

10  
papers

92  
citations

1478505

6  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

145  
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic structural mechanism for ferroelectric-antiferroelectric transformation in perovskite <math xmlns:mml="http://www.w3.org/1998/Math/MathML" > \text{NaNbO}_3 </math> Physical Review B, 2022, 105.	3.2	8
2	Dynamical origins of weakly coupled relaxor behavior in Sn-doped <math xmlns:mml="http://www.w3.org/1998/Math/MathML" > \text{Ba}_3\text{O}_3 </math> Physical Review B, 2021, 103.	3.2	7
3	Point-dipole induced incommensurate dipole moments in the <math xmlns:mml="http://www.w3.org/1998/Math/MathML" > \text{KCa}_2\text{O}_3 </math> Dion-Jacobson layered perovskite. Physical Review B, 2021, 104, .	3.2	7
4	Large electromechanical strain and unconventional domain switching near phase convergence in a Pb-free ferroelectric. Communications Physics, 2020, 3, .	5.3	14
5	Enhanced dielectric permittivity and relaxor behavior in thermally annealed P(VDF-TrFE) copolymer films. Applied Physics Letters, 2020, 117, .	3.3	4
6	Relaxor behavior and electrothermal properties of Sn- and Nb-modified (Ba,Ca)TiO <sub>3</sub> Pb-free ferroelectric. Journal of Materials Research, 2020, 35, 1017-1027.	2.6	8
7	Effect of A-site substitutions on energy storage properties of BaTiO <sub>3</sub> BiScO <sub>3</sub> weakly coupled relaxor ferroelectrics. Journal of the American Ceramic Society, 2019, 102, 5919-5933.	3.8	36
8	Instrumented indentation probing of laser surface-refined cast Al alloy. Journal of Materials Research, 2004, 19, 202-207.	2.6	10
9	Instrumented Indentation Characterization of Laser-Induced Fe <sub>3</sub> O <sub>4</sub> /Al Composite Coating. Advanced Engineering Materials, 2003, 5, 246-251.	3.5	2
10	Broad Distribution of Local Polar States Generates Large Electrothermal Properties in Pb-Free Relaxor Ferroelectrics. Chemistry of Materials, 0, , .	6.7	2