

# Dr K R Sahu

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

150  
citations

1478505

6  
h-index

1372567

10  
g-index

16  
all docs

16  
docs citations

16  
times ranked

117  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferroelectric Materials for High Temperature Piezoelectric Applications. Solid State Phenomena, 0, 232, 235-278.	0.3	41
2	Structural Characterization of Orthorhombic and Rhombohedral Lead Meta-Niobate Samples. Integrated Ferroelectrics, 2010, 120, 102-113.	0.7	24
3	Thermal characterization of piezoelectric and non-piezoelectric Lead Meta-Niobate. Thermochemica Acta, 2009, 490, 75-77.	2.7	16
4	Role of Nb <sub>2</sub> O <sub>5</sub> phase in the formation of piezoelectric PbNb <sub>2</sub> O <sub>6</sub> . Thermochemica Acta, 2014, 589, 25-30.	2.7	13
5	Dielectric Properties of PbNb <sub>2</sub> O <sub>6</sub> up to 700°C from Impedance Spectroscopy. Journal of Materials, 2013, 2013, 1-15.	0.1	10
6	Dielectric Properties of Rhombohedral PbNb <sub>2</sub> O <sub>6</sub> . Journal of Solid State Physics, 2013, 2013, 1-9.	0.2	10
7	Synthesis and study of electroactive nanoparticles and their polymer composites for novel applications. Indian Journal of Physics, 2010, 84, 1413-1419.	1.8	8
8	Dielectric and Thermal Investigations on PbNb <sub>2</sub> O <sub>6</sub> in Pure Piezoelectric Phase and Pure Non-Piezoelectric Phase. Integrated Ferroelectrics, 2010, 119, 96-109.	0.7	7
9	Polymer Composites for Flexible Electromagnetic Shields. Macromolecular Symposia, 2018, 381, 1800097.	0.7	4
10	Enhancement of optical properties and dielectric nature of Sm <sup>3+</sup> -doped Na <sub>2</sub> O-ZnO-TeO <sub>2</sub> Glass materials. Journal of Physics and Chemistry of Solids, 2022, 167, 110776.	4.0	4
11	Positron lifetime in piezoelectric PbNb <sub>2</sub> O <sub>6</sub> and BaTiO <sub>3</sub> polycrystals. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 2513-2515.	0.8	3
12	Crystallographic phases in PbNb <sub>2</sub> O <sub>6</sub> and Piezoelectricity. Materials Today: Proceedings, 2019, 11, 869-874.	1.8	3
13	Enhancement of Optical Emission and Dielectric Properties of Eu <sup>3+</sup> -Doped Na <sub>2</sub> O-ZnO-TeO <sub>2</sub> Glass Material. Glass Physics and Chemistry, 2020, 46, 218-227.	0.7	3
14	UHF and X Band Electro-Magnetic Shielding of Advanced Devices by Some Polymer Composites. Material Science Research India, 2016, 13, 80-94.	0.7	2
15	Impedance Spectroscopy of Piezoelectric 0.963PbNb <sub>2</sub> O <sub>6</sub> - 0.037Ca <sub>0.6</sub> TiO <sub>3</sub> . Materials Today: Proceedings, 2019, 11, 859-868.	1.8	1
16	High Temperature XRD of Phase Transition in Piezoelectric PbNb <sub>2</sub> O <sub>6</sub> across its Curie Temperature. Material Science Research India, 2016, 13, 14-20.	0.7	1