

Rajanikanta Parida

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7345982/publications.pdf>

Version: 2024-02-01

44
papers

461
citations

759233

12
h-index

794594

19
g-index

45
all docs

45
docs citations

45
times ranked

140
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-ferroic and optical spectroscopy properties of (Bi _{0.5} Sr _{0.5}) (Fe _{0.5} Ti _{0.5}) O ₃ solid solution. Journal of Alloys and Compounds, 2017, 696, 338-344.	5.5	41
2	Structural and conduction behaviour of (BaSr) _{0.5} TiO ₃ modified in BFO perovskite. Materials Chemistry and Physics, 2019, 225, 91-98.	4.0	37
3	Impedance and modulus analysis of double perovskite Pb ₂ BiVO ₆ . Journal of Materials Science: Materials in Electronics, 2017, 28, 16689-16695.	2.2	29
4	Optical, dielectric and magnetic investigation of vanadium based double perovskite. Materials Science in Semiconductor Processing, 2021, 123, 105503.	4.0	27
5	Optical and transport properties of new double perovskite oxide. Journal of Materials Science: Materials in Electronics, 2018, 29, 6215-6224.	2.2	24
6	Exfoliated graphite nanoplatelet (xGnP) filled EVA/EOC blends nanocomposites for efficient microwave absorption in the S-band (2â€“4ÅGHz). Composites Science and Technology, 2021, 207, 108716.	7.8	21
7	Ferroelectric and optical modulations of double perovskite Ba ₂ BiVO ₆ . Journal of Molecular Structure, 2019, 1189, 288-298.	3.6	20
8	Multiferroic and optical spectroscopic behavior of BST in BFO environment. Journal of Materials Science: Materials in Electronics, 2019, 30, 9211-9218.	2.2	18
9	Structural, dielectric and magnetic behavior of BST modified rare earth ortho-ferrite LaFeO ₃ . Ceramics International, 2020, 46, 16502-16509.	4.8	16
10	Multifunctional behavior of Ca-doped niobium-based double perovskite for photovoltaic/solar cell devices. Journal of Materials Science: Materials in Electronics, 2020, 31, 6097-6108.	2.2	15
11	Dielectric and magnetic behavior of Sr-modified vanadium based double perovskite. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 271, 115234.	3.5	15
12	Multifunctional feature of double perovskite strontium iron vanadate for storage device. Materials Chemistry and Physics, 2022, 275, 125254.	4.0	15
13	Dielectric and ferroelectric investigations of barium doped double perovskite Pb ₂ BiVO ₆ for electronic and optical devices. Materials Chemistry and Physics, 2019, 231, 372-381.	4.0	13
14	Optical and transport properties of double perovskite strontium bismuth vanadate. Journal of Molecular Structure, 2020, 1205, 127607.	3.6	12
15	Dielectric, magnetic and optical study of La- doped BFO-BST ceramic for multifunctional applications. Materials Science in Semiconductor Processing, 2021, 128, 105720.	4.0	12
16	Transport and semiconducting behavior of Ca ₂ BiNbO ₆ new inorganic double perovskite. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	12
17	Multifunctional characterization of Ca-modified new double perovskite for energy harvesting devices. Physica B: Condensed Matter, 2022, 624, 413373.	2.7	11
18	Dielectric and thermal behavior of 0.75BiFeO ₃ -0.25BaTiO ₃ filled ethylene vinyl acetate composites. Materials Chemistry and Physics, 2020, 243, 122527.	4.0	10

#	ARTICLE	IF	CITATIONS
19	Structural, thermal and dielectric behavior of two-dimensional layered Ti ₃ C ₂ T _x (MXene) filled ethylene vinyl acetate (EVA) nanocomposites. Journal of Materials Science: Materials in Electronics, 2021, 32, 8081-8091.	2.2	10
20	Investigation of multifunctional features in new double perovskite PbSrBiNbO ₆ for possible devices. Inorganic Chemistry Communication, 2021, 134, 109074.	3.9	9
21	Structural and optical properties of a revived Pb _{0.5} Ba _{1.5} BiVO ₆ perovskite oxide. Journal of Advanced Dielectrics, 2019, 09, 1950004.	2.4	8
22	Dielectric, electrical and magnetic characteristics of BST modified BLFO lead free ceramic. Journal of Alloys and Compounds, 2021, 863, 158060.	5.5	8
23	Multiferroic behaviour in Bi ³⁺ doped solid solution SmFeO ₃ -BaTiO ₃ perovskite system. Ceramics International, 2022, 48, 18286-18293.	4.8	8
24	Thermal and dielectric properties of two-dimensional layered MXene (Ti ₃ C ₂ T _x) filled linear low density polyethylene composites. Journal of Applied Polymer Science, 2022, 139, 51743.	2.6	6
25	Ferroelectric and electrical Investigation of new multifunctional material Sr ₂ BiNbO ₆ for possible device application. Inorganic Chemistry Communication, 2022, 139, 109338.	3.9	6
26	Ferroelectric and optical properties of Ba-doped new double perovskites. Phase Transitions, 2018, 91, 638-648.	1.3	5
27	Multifunctional character of revived La-modified lithium titanate electrolyte: solar cell devices at a glance. Journal of Materials Science: Materials in Electronics, 2020, 31, 21591-21601.	2.2	5
28	Effect of substitution of alkaline earth metal ion on the structural and dielectric properties of double perovskite. Phase Transitions, 2020, 93, 509-527.	1.3	5
29	Structural, thermal and dielectric behaviour of exfoliated graphite nanoplatelets (xGnP) filled EVA/EOC blend composites. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2022, 275, 115497.	3.5	5
30	Dielectric and electrical investigation of CaTiO ₃ modified BFO perovskites for possible device applications. Materials Today: Proceedings, 2022, 57, 1-4.	1.8	5
31	Comparative study on the high-bandgap material (GaN and SiC)-based impact avalanche transit time device. IET Microwaves, Antennas and Propagation, 2008, 2, 789-793.	1.4	4
32	XRD and Thermal Characteristic Studies of Conducting Polymers. Journal of Reinforced Plastics and Composites, 2009, 28, 265-278.	3.1	3
33	Dielectric and impedance spectroscopy of (CoNiO ₃) _{0.5} (BaTiO ₃) _{0.5} solid solution for device applications. Journal of Materials Science: Materials in Electronics, 2021, 32, 27698-27709.	2.2	3
34	Multifunctional character of revived double perovskite for device applications. Materials Chemistry and Physics, 2020, 247, 122690.	4.0	2
35	Relaxation dynamics, conductivity and electrical study of a lead free perovskite. Materials Today: Proceedings, 2021, 35, 91-93.	1.8	2
36	Investigation of multifunctional characteristics in SmFeO ₃ -BaTiO ₃ perovskite system for devices. Materials Science in Semiconductor Processing, 2021, 135, 106071.	4.0	2

#	ARTICLE	IF	CITATIONS
37	Structural and electrical investigation of Bi ³⁺ doped SmFeO ₃ -BaTiO ₃ perovskite system. Materials Today: Proceedings, 2022, 49, 2365-2368.	1.8	2
38	Thermal and dielectric behavior of Ti ₃ C ₂ T _x (MXene) incorporated ethylene vinyl acetate copolymer/linear low-density polyethylene nanocomposites. Journal of Materials Science: Materials in Electronics, 2022, 33, 4278.	2.2	2
39	Synthesis and characterization of lead-free double perovskite Mg ₂ LaVO ₆ . Journal of Materials Science: Materials in Electronics, 2022, 33, 7691-7700.	2.2	2
40	Ferroelectric and optical behavior of Pb _{0.5} Ba _{1.5} BiNbO ₆ double perovskite. Ferroelectrics, 2019, 540, 18-28.	0.6	1
41	Dielectric and transport properties of Sr ²⁺ modified lead free double perovskite. Materials Today: Proceedings, 2021, 35, 94-96.	1.8	1
42	Dielectric and optical spectroscopy of new polycrystalline ceramic for device applications. Journal of Materials Science: Materials in Electronics, 2021, 32, 13568-13580.	2.2	1
43	A Comparative Study of High Frequency Characteristics of SiC-Based DDR and SDR IMPATTs. Advanced Science Letters, 2014, 20, 668-670.	0.2	1
44	Theory of magnetization in p-type Pb _{1-x} EuxS. Materials Today: Proceedings, 2021, 35, 106-108.	1.8	0