

Nitin Kumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8154846/publications.pdf>

Version: 2024-02-01

24
papers

566
citations

623734

14
h-index

642732

23
g-index

28
all docs

28
docs citations

28
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural, electrical and ferroelectric characteristics of lead-free ceramic: $\text{Bi}(\text{Fe}_{0.85}\text{Gd}_{0.15})\text{O}_3$. <i>Ferroelectrics</i> , 2022, 587, 174-189.	0.6	2
2	The structural and dielectric properties of $\text{Bi}(\text{Fe}_{0.95}\text{Sm}_{0.05})\text{O}_3$ ceramic. <i>Ferroelectrics</i> , 2022, 588, 10-17.	0.6	0
3	Studies of structural, dielectric and electrical characteristics of $\text{Bi}(\text{Fe}_{0.85}\text{Y}_{0.15})\text{O}_3$ ceramics. <i>Phase Transitions</i> , 2021, 94, 47-61.	1.3	6
4	Studies of structural, ferroelectric, magnetic and electrical characteristics of $\text{Bi}(\text{Fe}_{1-x}\text{Nd}_x)\text{O}_3$ ($x=0.05, 0.10, 0.15$) multiferroics. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 5870-5885.	2.2	8
5	Structural, dielectric, impedance and ferroelectric properties of lead-free $\text{Bi}(\text{Fe}_{0.85}\text{Dy}_{0.15})\text{O}_3$ ceramic. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 21337-21349.	2.2	3
6	Studies of structural, electrical and multiferroic features of Fe-site co-substituted (Ni, Ti) bismuth ferrite: $\text{Bi}(\text{Ni}_{0.35}\text{Ti}_{0.35}\text{Fe}_{0.30})\text{O}_3$. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	1
7	Wear Behaviour of Al-Silicon (LM13) Alloy Composite Reinforcement with TiC and ZrSiO ₄ Particles. <i>Silicon</i> , 2020, 12, 211-221.	3.3	21
8	Structural, thermal, electrical and magnetic features of a new lead-free electronic material: $(\text{SbLi})_{1/2}(\text{Fe}_{2/3}\text{W}_{1/3})\text{O}_3$. <i>Materials Chemistry and Physics</i> , 2020, 241, 122393.	4.0	2
9	Structural, dielectric and electrical characteristics of lead-free ceramic systems: $\text{BiFe}_x\text{La}_{1-x}\text{O}_3$ ($x=0.4$). <i>Tij ETQq1 10.78431</i>	2.0	17
10	Study of effect of Dy substitution on structural, dielectric, impedance and magnetic properties of bismuth ferrite. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 10006-10017.	2.2	23
11	Effects of milling time on structural, electrical and ferroelectric features of mechanothermally synthesized multi-doped bismuth ferrite. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	14
12	Parametric effect on dissimilar friction stir welded steel-magnesium alloys joints: a review. <i>Science and Technology of Welding and Joining</i> , 2019, 24, 653-684.	3.1	42
13	Structural, bulk permittivity and impedance spectra of electronic material: $\text{Bi}(\text{Fe}_{0.5}\text{La}_{0.5})\text{O}_3$. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 1919-1926.	2.2	25
14	The slurry abrasive wear behaviour and microstructural analysis of A2024-SiC-ZrSiO ₄ metal matrix composite. <i>Ceramics International</i> , 2018, 44, 6426-6432.	4.8	35
15	Structural, dielectric, electrical and magnetic characteristics of lead-free multiferroic: $\text{Bi}(\text{Cd}_{0.5}\text{Ti}_{0.5})\text{O}_3\text{BiFeO}_3$ solid solution. <i>Journal of Alloys and Compounds</i> , 2018, 747, 895-904.	5.5	45
16	Structural, electrical, and multiferroic characteristics of lead-free multiferroic: $\text{Bi}(\text{Co}_{0.5}\text{Ti}_{0.5})\text{O}_3\text{BiFeO}_3$ solid solution. <i>RSC Advances</i> , 2018, 8, 36939-36950.	3.6	64
17	Development of lead-free multifunctional materials $\text{Bi}(\text{Co}_{0.45}\text{Ti}_{0.45}\text{Fe}_{0.10})\text{O}_3$. <i>Progress in Natural Science: Materials International</i> , 2018, 28, 308-314.	4.4	29
18	Structural, electrical and ferroelectric characteristics of $\text{Bi}(\text{Fe}_{0.9}\text{La}_{0.1})\text{O}_3$. <i>Ceramics International</i> , 2018, 44, 21330-21337.	4.8	33

#	ARTICLE	IF	CITATIONS
19	Structural, electrical and magnetic characteristics of Ni/Ti modified BiFeO ₃ lead free multiferroic material. Journal of Materials Science: Materials in Electronics, 2017, 28, 6673-6684.	2.2	41
20	Structural, electrical and magnetic properties of (Cd, Ti) modified BiFeO ₃ . Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 2721-2730.	2.1	52
21	Structural and electrical characteristics of (Co, Ti) modified BiFeO ₃ . Journal of Materials Science: Materials in Electronics, 2016, 27, 7115-7123.	2.2	28
22	Structural, electrical and magnetic properties of Bi(Ni _{0.45} Ti _{0.45} Fe _{0.10})O ₃ . Journal of Alloys and Compounds, 2016, 688, 858-869.	5.5	40
23	Structural, dielectric and magnetic characteristics of Bi(Ni _{0.25} Ti _{0.25} Fe _{0.50})O ₃ ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 1209-1216.	2.2	31
24	Reply to comment on "Structural, dielectric, and magnetic characteristics of Bi(Ni _{0.25} Ti _{0.25} Fe _{0.50})O ₃ ceramics" [J. Mater. Sci.: Mater. Electron. 27, 1209 (2016)]; "Structural and electrical characteristics of (Co, Ti)-modified BiFeO ₃ " [J. Mater. Sci.: Mater. Electron. 27, 7115 (2016)]; "Structural, electrical, and magnetic characteristics of Ni/Ti-modified BiFeO ₃ lead-free multiferroic material" [J. Mater. Sci.: Mater. Electron. 28, 6673 (2017)]. Journal of Materials Science: Materials in Electronics, 0, , .	2.2	0