

# Nitin Kumar

## List of Publications by Year in descending order

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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 multiferroic characteristics of lead-free multiferroic: Bi(Co <sub>0.5</sub> Ti <sub>0.5</sub> )O <sub>3</sub> solid solution. RSC Advances, 2018, 8, 36939-36950.	3.6	64
2	Structural, electrical and magnetic properties of (Cd, Ti) modified BiFeO <sub>3</sub> . Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 2721-2730.	2.1	52
3	Structural, dielectric, electrical and magnetic characteristics of lead-free multiferroic: Bi(Cd <sub>0.5</sub> Ti <sub>0.5</sub> )O <sub>3</sub> BiFeO <sub>3</sub> solid solution. Journal of Alloys and Compounds, 2018, 747, 895-904.	5.5	45
4	Parametric effect on dissimilar friction stir welded steel-magnesium alloys joints: a review. Science and Technology of Welding and Joining, 2019, 24, 653-684.	3.1	42
5	Structural, electrical and magnetic characteristics of Ni/Ti modified BiFeO <sub>3</sub> lead free multiferroic material. Journal of Materials Science: Materials in Electronics, 2017, 28, 6673-6684.	2.2	41
6	Structural, electrical and magnetic properties of Bi(Ni <sub>0.45</sub> Ti <sub>0.45</sub> Fe <sub>0.10</sub> )O <sub>3</sub> . Journal of Alloys and Compounds, 2016, 688, 858-869.	5.5	40
7	The slurry abrasive wear behaviour and microstructural analysis of A2024-SiC-ZrSiO <sub>4</sub> metal matrix composite. Ceramics International, 2018, 44, 6426-6432.	4.8	35
8	Structural, electrical and ferroelectric characteristics of Bi(Fe <sub>0.9</sub> La <sub>0.1</sub> )O <sub>3</sub> . Ceramics International, 2018, 44, 21330-21337.	4.8	33
9	Structural, dielectric and magnetic characteristics of Bi(Ni <sub>0.25</sub> Ti <sub>0.25</sub> Fe <sub>0.50</sub> )O <sub>3</sub> ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 1209-1216.	2.2	31
10	Development of lead-free multifunctional materials Bi(Co <sub>0.45</sub> Ti <sub>0.45</sub> Fe <sub>0.10</sub> )O <sub>3</sub> . Progress in Natural Science: Materials International, 2018, 28, 308-314.	4.4	29
11	Structural and electrical characteristics of (Co, Ti) modified BiFeO <sub>3</sub> . Journal of Materials Science: Materials in Electronics, 2016, 27, 7115-7123.	2.2	28
12	Structural, bulk permittivity and impedance spectra of electronic material: Bi(Fe <sub>0.5</sub> La <sub>0.5</sub> )O <sub>3</sub> . Journal of Materials Science: Materials in Electronics, 2019, 30, 1919-1926.	2.2	25
13	Study of effect of Dy substitution on structural, dielectric, impedance and magnetic properties of bismuth ferrite. Journal of Materials Science: Materials in Electronics, 2020, 31, 10006-10017.	2.2	23
14	Wear Behaviour of Al-Silicon (LM13) Alloy Composite Reinforcement with TiC and ZrSiO <sub>4</sub> Particles. Silicon, 2020, 12, 211-221.	3.3	21
15	Effects of milling time on structural, electrical and ferroelectric features of mechanothermally synthesized multi-doped bismuth ferrite. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	14
16	Studies of structural, ferroelectric, magnetic and electrical characteristics of Bi(Fe <sub>1-x</sub> Ndx)O <sub>3</sub> (x=0.05, 0.10, 0.15) multiferroics. Journal of Materials Science: Materials in Electronics, 2021, 32, 5870-5885.	2.2	8
17	Structural, dielectric and electrical characteristics of lead-free ceramic systems: BiFexLa <sub>1-x</sub> O <sub>3</sub> (x=0.4) Tj ETQq1 1.0.78431 2.0	2.0	7
18	Studies of structural, dielectric and electrical characteristics of Bi(Fe <sub>0.85</sub> Y <sub>0.15</sub> )O <sub>3</sub> ceramics. Phase Transitions, 2021, 94, 47-61.	1.3	6

#	ARTICLE	IF	CITATIONS
19	Structural, dielectric, impedance and ferroelectric properties of lead-free Bi(Fe <sub>0.85</sub> Dy <sub>0.15</sub> )O <sub>3</sub> ceramic. Journal of Materials Science: Materials in Electronics, 2021, 32, 21337-21349.	2.2	3
20	Structural, thermal, electrical and magnetic features of a new lead-free electronic material: (SbLi) <sub>1/2</sub> (Fe <sub>2/3</sub> W <sub>1/3</sub> )O <sub>3</sub> . Materials Chemistry and Physics, 2020, 241, 122393.	4.0	2
21	Structural, electrical and ferroelectric characteristics of lead-free ceramic: Bi(Fe <sub>0.85</sub> Gd <sub>0.15</sub> )O <sub>3</sub> . Ferroelectrics, 2022, 587, 174-189.	0.6	2
22	Studies of structural, electrical and multiferroic features of Fe-site co-substituted (Ni, Ti) bismuth ferrite: Bi(Ni <sub>0.35</sub> Ti <sub>0.35</sub> Fe <sub>0.30</sub> )O <sub>3</sub> . Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	1
23	The structural and dielectric properties of Bi(Fe <sub>0.95</sub> Sm <sub>0.05</sub> )O <sub>3</sub> ceramic. Ferroelectrics, 2022, 588, 10-17.	0.6	0
24	Reply to comment on "Structural, dielectric, and magnetic characteristics of Bi(Ni <sub>0.25</sub> Ti <sub>0.25</sub> Fe <sub>0.50</sub> )O <sub>3</sub> ceramics" [J. Mater. Sci.: Mater. Electron. 27, 1209 (2016)]; "Structural and electrical characteristics of (Co, Ti)-modified BiFeO <sub>3</sub> " [J. Mater. Sci.: Mater. Electron. 27, 7115 (2016)]; "Structural, electrical, and magnetic characteristics of Ni/Ti-modified BiFeO <sub>3</sub> lead-free multiferroic material" [J. Mater. Sci.: Mater. Electron. 28, 6673 (2017)]. Journal of Materials Science: Materials in Electronics, 0, , .	2.2	0