

# Kavita Kumari

## List of Publications by Year in descending order

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times ranked

173  
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#	ARTICLE	IF	CITATIONS
1	Effect of Mn Concentration on the Structural, Ferroelectric, Optical, and Magnetic Properties of BiFeO <sub>3</sub> Nanoparticles. Crystals, 2022, 12, 704.	2.2	2
2	Influence of Fe and Cu Co-Doping on Structural, Magnetic and Electrochemical Properties of CeO <sub>2</sub> Nanoparticles. Materials, 2022, 15, 4119.	2.9	5
3	Role of Cr Doping on the Structure, Electronic Structure, and Electrochemical Properties of BiFeO <sub>3</sub> Nanoparticles. Materials, 2022, 15, 4118.	2.9	7
4	Role of Fe doping on surface morphology, electronic structure and magnetic properties of Fe doped CeO <sub>2</sub> thin film. Ceramics International, 2021, 47, 4012-4019.	4.8	21
5	Influence of Sm doping on structural, ferroelectric, electrical, optical and magnetic properties of BaTiO <sub>3</sub> . Vacuum, 2021, 184, 109872.	3.5	47
6	Study of the electronic structure of Ce <sub>0.95</sub> Fe <sub>0.05</sub> O <sub>2-<math>\delta</math></sub> thin film using X-ray photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2021, 250, 147073.	1.7	8
7	Role of Bi-excess on structural, electrical, optical, and magnetic properties BiFeO <sub>3</sub> nanoparticles. Journal of Materials Science: Materials in Electronics, 2021, 32, 23968-23982.	2.2	4
8	Electronic structure and electrochemical properties of La-doped BiFeO <sub>3</sub> nanoparticles. Journal of Electron Spectroscopy and Related Phenomena, 2021, 253, 147138.	1.7	14
9	Structural, Optical, Electrical and Antibacterial Properties of Fe-Doped CeO <sub>2</sub> Nanoparticles. Crystals, 2021, 11, 1594.	2.2	6
10	Engineering the optical properties of Cu doped CeO <sub>2</sub> NCs for application in white LED. Ceramics International, 2020, 46, 7482-7488.	4.8	44
11	Investigations of TM (Ni, Co) doping on structural, optical and magnetic properties of CeO <sub>2</sub> nanoparticles. Vacuum, 2020, 181, 109717.	3.5	19
12	Structural and optical properties of Cu codoped Fe-CeO <sub>2</sub> nanoparticles. AIP Conference Proceedings, 2020, , .	0.4	0
13	X-ray diffraction and UV-visible spectroscopy study of Fe-Cu co-doped CeO <sub>2</sub> . AIP Conference Proceedings, 2020, , .	0.4	0
14	Effect of dopant on electronic structure of nanocrystalline CeO <sub>2</sub> . AIP Conference Proceedings, 2020, , .	0.4	0
15	Study the contribution of surface defects on the structural, electronic structural, magnetic, and photocatalyst properties of Fe: CeO <sub>2</sub> nanoparticles. Journal of Electron Spectroscopy and Related Phenomena, 2019, 235, 29-39.	1.7	39
16	Band gap engineering, electronic state and local atomic structure of Ni doped CeO <sub>2</sub> nanoparticles. Journal of Materials Science: Materials in Electronics, 2019, 30, 4562-4571.	2.2	19
17	Investigation of local atomic structure of Ni doped SnO <sub>2</sub> thin films via X-ray absorption spectroscopy and their magnetic properties. Journal of Materials Science: Materials in Electronics, 2019, 30, 760-770.	2.2	11
18	Investigation of local geometrical structure, electronic state and magnetic properties of PLD grown Ni doped SnO <sub>2</sub> thin films. Journal of Electron Spectroscopy and Related Phenomena, 2019, 232, 21-28.	1.7	22

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19	Tuning the surface morphology and local atomic structure of Mn <sup>2+</sup> /TiO <sub>2</sub> thin films using rapid thermal annealing. Journal of Materials Science: Materials in Electronics, 2018, 29, 5982-5992.	2.2	7
20	Near-edge X-ray absorption fine structure spectroscopy and structural properties of Ni-doped CeO <sub>2</sub> nanoparticles. Radiation Effects and Defects in Solids, 2017, 172, 985-994.	1.2	9
21	Role of La substitution on structural, optical, and multiferroic properties of BiFeO <sub>3</sub> nanoparticles. Applied Nanoscience (Switzerland), 0, , 1.	3.1	5
22	Investigating the magnetocrystalline anisotropy and the exchange bias through interface effects of nanocrystalline FeCo. Journal of the Korean Physical Society, 0, , .	0.7	2