

Manoj K Singh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

1,493
citations

17
h-index

38
g-index

54
ext. papers

1,621
ext. citations

2.4
avg, IF

4.29
L-index

#	Paper	IF	Citations
48	Multiferroic, optical and magneto-dielectric properties with enhanced magneto-impedance characteristic of KBiFe_2O_5 . <i>Journal of Alloys and Compounds</i> , 2022 , 893, 162225	5.7	0
47	Effect of Nd doping on structural, dielectric, magnetic and ferroelectric properties of $0.8\text{BiFeO}_3\text{-}0.2\text{PbTiO}_3$ solid solution. <i>Journal of Alloys and Compounds</i> , 2022 , 905, 164228	5.7	0
46	Temperature-dependent electrical and magneto-dielectric properties of $0.7\text{Bi}_{0.99}\text{Nd}_{0.01}\text{Fe}_{0.99}(\text{Co}, \text{Ti})_{0.01}\text{O}_3\text{-}0.3\text{CaTiO}_3$ composite. <i>Ferroelectrics</i> , 2022 , 589, 235-242	0.6	0
45	Structural, dielectric, magnetic and magneto-dielectric properties of $(1-x)\text{BiFeO}_3\text{(x)CaTiO}_3$ composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 18012-18027	2.1	0
44	Development of a Diatom-Based Photoluminescent Immunosensor for the Early Detection of Karnal Bunt Disease of Wheat Crop. <i>ACS Omega</i> , 2020 , 5, 8251-8257	3.9	4
43	Structural, microstructure, optical, and electrical properties of Ti-doped CaSnO_3 prepared by Sol-Gel chemical route. <i>Physica Scripta</i> , 2020 , 95, 105807	2.6	4
42	Rietveld refinement, optical, dielectric and ac conductivity studies of Ba-doped SrSnO_3 . <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 16838-16848	2.1	7
41	Synthesis and characterization of $[\text{BaO-(10-x)ZrO}_2\text{-TiO}_2\text{-SiO}_2\text{-xCrO}_3]$ type glass and glass ceramics. <i>Journal of Asian Ceramic Societies</i> , 2020 , 8, 1108-1126	2.4	2
40	Magneto-dielectric and multiferroic properties in $\text{Bi}_{0.95}\text{Yb}_{0.05}\text{Fe}_{0.95}\text{Co}_{0.05}\text{O}_3$. <i>Physica Scripta</i> , 2019 , 94, 065802	2.6	6
39	Synthesis, structural, Raman scattering and magnetic properties of Fe -doped HfO_2 nanoparticles. <i>Materials Research Express</i> , 2019 , 6, 096117	1.7	0
38	Dielectric, magnetic and magneto-dielectric properties of (La, Co) co-doped BiFeO_3 . <i>Physica Scripta</i> , 2019 , 94, 125805	2.6	6
37	Investigation of fractal feature of multiferroic BiFeO_3 thin films deposited on different substrates. <i>Materials Research Express</i> , 2018 , 5, 126405	1.7	9
36	Raman spectra and dielectric studies in Ti substituted $\text{Bi}_2(\text{Zn}_{2/3}\text{Nb}_{4/3})\text{O}_7$ pyrochlores 2016 ,		1
35	Multiferroics properties in $\text{BiFeO}_3/\text{CoFe}_2\text{O}_4$ heterostructures thin films deposited on (111) SrTiO_3 2016 ,		3
34	High-temperature phase transitions in SrHfO_3 : A Raman scattering study. <i>Europhysics Letters</i> , 2014 , 107, 26004	1.6	11
33	Surface Plasmon Resonance Sensogram Based Characterization of Antibodies Raised Against Intact Teliospores and Purified Diagnostic Antigen for Development of Nano-Immunosensor for Fungal Spore Antigen of Karnal Bunt (<i>Tilletia indica</i>) of Wheat. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2013 , 83, 551-560	1.4	5
32	Microwave and optical properties of monoclinic $\text{Bi}_2\text{Zn}_{2/3}\text{Nb}_{4/3}\text{O}_7$ thin films. <i>EPJ Applied Physics</i> , 2012 , 58, 10303	1.1	3

31	Phonon anomalies near the magnetic phase transitions in BiFeO ₃ thin films with rhombohedral R3c symmetry. <i>Journal of Applied Physics</i> , 2011 , 109, 07D916	2.5	23
30	Anomalous Enhancement in Magnetization of BiFeO ₃ /CoFe ₂ O ₄ Heterostructure Multilayer Thin Films Deposited on SrTiO ₃ with Different Orientation. <i>Integrated Ferroelectrics</i> , 2011 , 124, 73-78	0.8	2
29	Synthesis, Structural and Magnetic Properties of Ni-Doped In ₂ O ₃ Nanoparticles. <i>Integrated Ferroelectrics</i> , 2011 , 125, 155-161	0.8	6
28	New cryogenic phase transitions in SrSnO ₃ . <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 095901	1.8	20
27	The effect of an oxygen atmosphere on the microwave dielectric properties of thin films. <i>Solid State Communications</i> , 2010 , 150, 1928-1931	1.6	7
26	Structural and Electrochemical Characterization of PureLiFePO ₄ and Nanocomposite C-LiFePO ₄ Cathodes for Lithium Ion Rechargeable Batteries. <i>Journal of Nanotechnology</i> , 2009 , 2009, 1-10 ^{3.5}	0.5	27
25	Anomalous magnetic ordering induced spin-phonon coupling in BiFeO ₃ thin films. <i>Solid State Communications</i> , 2009 , 149, 1971-1973	1.6	17
24	One-magnon light scattering and spin-reorientation transition in epitaxial BiFeO ₃ thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2009 , 321, 1706-1709	2.8	14
23	The Almeida-Thouless line in BiFeO ₃ : is bismuth ferrite a mean field spin glass?. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 042202	1.8	60
22	New magnetic phase transitions in BiFeO ₃ . <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 252203	1.8	113
21	Critical phenomena at the 140 and 200 K magnetic phase transitions in BiFeO ₃ . <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 322203	1.8	44
20	Critical slowing down of spin fluctuations in BiFeO ₃ . <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 425223	1.8	14
19	Synthesis and Characterization on Fe-doped In ₂ O ₃ Nanoparticles. <i>Materials Research Society Symposia Proceedings</i> , 2008 , 1074, 1		
18	Microwave dielectric and Raman scattering studies on bismuth zinc niobate thin films. <i>Journal of Applied Physics</i> , 2008 , 104, 104104	2.5	24
17	New phase transitions in ceramic SrSnO ₃ : Raman scattering analysis and differential thermal analysis. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 055210	1.8	17
16	Raman scattering measurements of phonon anharmonicity in CuAlO ₂ thin films. <i>Journal of Applied Physics</i> , 2008 , 104, 113503	2.5	21
15	Polarized Raman scattering and lattice eigenmodes of antiferromagnetic NdFeO ₃ . <i>Journal of Raman Spectroscopy</i> , 2008 , 39, 842-848	2.3	64
14	Spin-glass transition in single-crystal BiFeO ₃ . <i>Physical Review B</i> , 2008 , 77,	3.3	252

13	New Phase Transitions in Perovskite Oxides: BiFeO ₃ , SrSnO ₃ , and Pb(Fe ₂ /3W ₁ /3) ₁ /2Ti ₁ /2O ₃ . <i>Journal of the American Ceramic Society</i> , 2008 , 91, 1762-1768	3.8	35
12	Structural and magnetic properties of (In _{1-x} Fe _x) ₂ O ₃ (0.0?x?0.25) system: Prepared by gel combustion method. <i>Applied Physics Letters</i> , 2007 , 91, 052504	3.4	55
11	Anomalous magnetic ordering transition and induced Raman scattering in BiFeO ₃ thin films. <i>Materials Research Society Symposia Proceedings</i> , 2007 , 1034, 30		1
10	Polarized Raman scattering of multiferroic BiFeO ₃ epitaxial films with rhombohedral R3c symmetry. <i>Applied Physics Letters</i> , 2006 , 88, 042907	3.4	332
9	Polarized Raman scattering of multiferroic BiFeO ₃ thin films with pseudo-tetragonal symmetry. <i>Physical Review B</i> , 2005 , 72,	3.3	197
8	Growth of (100) oriented diamond grains by the application of lateral temperature gradients across silicon substrates. <i>Journal of Materials Research</i> , 2004 , 19, 3206-3213	2.5	2
7	Zone center wavenumbers of tetragonal AGa ₂ X ₄ (A = Cd, Zn; X = S, Se). <i>Journal of Raman Spectroscopy</i> , 2004 , 35, 78-81	2.3	1
6	Ni and Ni/Pt filling inside multiwalled carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2003 , 3, 165-70	1.3	8
5	A lattice dynamical investigation of Raman and infrared wavenumbers at the zone center of the orthorhombic NdNiO ₃ perovskite. <i>Journal of Physics and Chemistry of Solids</i> , 2003 , 64, 531-533	3.9	10
4	Lattice dynamic investigation of Raman and infrared wavenumbers at the zone center of orthorhombic RFeO ₃ (R = Tb, Dy, Ho, Er, Tm) perovskites. <i>Journal of Raman Spectroscopy</i> , 2002 , 33, 67-70 ^{2,3}		53
3	A lattice dynamical investigation of the zone center frequencies of the orthorhombic NdGaO ₃ perovskite. <i>Journal of Physics and Chemistry of Solids</i> , 2001 , 62, 1003-1006	3.9	11
2	Zone center wavenumbers of tetragonal CdAl ₂ S ₄ and CdAl ₂ Se ₄ . <i>Journal of Raman Spectroscopy</i> , 2000 , 31, 949-950	2.3	1
1	Zone Center Frequencies of Tetragonal CdAl ₂ Se ₄ . <i>Journal of Solid State Chemistry</i> , 2000 , 153, 317-320	3.3	1