Dinesh Varshney

List of Publications by Year
in descending order

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200 papers	3,737 citations	126907 33 h-index	182427 51 g-index
200 all docs	200 docs citations	200 times ranked	2956 citing authors

#	Article	IF	Citations
1	Structural and electrical properties of Sr doped YCrO3. AIP Conference Proceedings, 2018, , .	0.4	3
2	High pressure and temperature induced structural and elastic properties of lutetium chalcogenides. AIP Conference Proceedings, 2018, , .	0.4	0
3	On the pressure and temperature dependent ductile, brittle nature of SmS1-xSex semiconductor. AIP Conference Proceedings, 2018, , .	0.4	0
4	Elucidation of structural, vibrational and dielectric properties of transition metal (Co 2+) doped spinel Mg-Zn chromites. Journal of Magnetism and Magnetic Materials, 2018, 454, 274-288.	2.3	13
5	Dielectric relaxation behavior and impedance studies of Cu2+ ion doped Mg â€“ Zn spinel nanoferrites. Solid State Communications, 2018, 271, 89-96.	1.9	25
6	Structural, thermal, and transport properties of La_{0.67}Sr_{0.33}MnO₃ nanoparticles synthesized via the solâ€“gel auto-combustion technique. RSC Advances, 2018, 8, 1600-1609.	3.6	45
7	Structural, electronic, optical, thermodynamic and elastic properties of the zinc-blende Al x In 1-x N ternary alloys: A first principles calculations. Journal of Physics and Chemistry of Solids, 2018, 119, 36-49.	4.0	10
8	Impact of Rare Earth Gd3+ Ions on Structural and Magnetic Properties of Ni0.5Zn0.5Fe2â^'x Gd x O4 Spinel Ferrite: Useful for Advanced Spintronic Technologies. Journal of Superconductivity and Novel Magnetism, 2018, 31, 1173-1182.	1.8	12
9	Thermal rectification via sequential deactivation of magnons. Applied Physics Letters, 2018, 113, .	3.3	6
10	Structures and properties of Mg_{0.95}Mn_{0.01}TM_{0.04}O (TM = Co, Ni,) Tj ETQq0 0 0 rgBT /Overloc 14120-14128.	3.6	9
11	Effect of Al doping on thermoelectric power of Mg1â^'xAlxB2 phonon drag and carrier diffusion contribution. AIP Conference Proceedings, 2018, , .	0.4	0
12	Influence of pressure and volume on superconductivity in Mg1â^'xAlxB2 and Mg(B1â^'yCy)2. AIP Conference Proceedings, 2018, , .	0.4	0
13	Structural and optical properties of NiFe2O4 synthesized via green technology. AIP Conference Proceedings, 2018, , .	0.4	1
14	Effect of chromium doping on the structural and vibrational properties of Mn-Zn ferrites. AIP Conference Proceedings, 2018, , .	0.4	4
15	Effect of d-block element substitution on structural and dielectric properties on iron cobaltite. Journal of Alloys and Compounds, 2017, 705, 320-326.	5.5	25
16	High-pressure structural phase transition and electronic properties of the alkali hydrides compounds XH (X = Li, Na). Phase Transitions, 2017, 90, 914-927.	1.3	9
17	Effect of d -block element Co 2+ substitution on structural, MÃ¶ssbauer and dielectric properties of spinel copper ferrites. Journal of Magnetism and Magnetic Materials, 2017, 436, 101-112.	2.3	52
18	Structural and Dielectric Properties of Copper-Substituted Mgâ€“Zn Spinel Ferrites. Journal of Superconductivity and Novel Magnetism, 2017, 30, 1297-1302.	1.8	28

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19	Crystal and lattice structure of Cr doped Mn-Zn ferrites synthesized by coprecipitation method. AIP Conference Proceedings, 2017, , .	0.4	0
20	On the pressure and temperature dependent ductile, brittle nature of Hg0.91Mn0.09Te semiconductor. AIP Conference Proceedings, 2017, , .	0.4	0
21	Pressure and temperature dependent thermodynamical properties of Sm chalcogenides. AIP Conference Proceedings, 2017, , .	0.4	1
22	Structural and optical studies of nanocrystalline ZnCr2O4 and CoCr2O4 spinel. AIP Conference Proceedings, 2017, , .	0.4	12
23	Influence of transition metal Cr2+ doping on structural, electrical and optical properties of Mg-Zn aluminates. Journal of Alloys and Compounds, 2017, 708, 397-403.	5.5	48
24	Phonon drag and carrier diffusion contribution to heat transport of superconductor MgB₂. International Journal of Computational Materials Science and Engineering, 2017, 06, 1750008.	0.7	1
25	Structural and multiferroic properties of Bi 0.885 Sm 0.115 FeO 3. Journal of Alloys and Compounds, 2017, 706, 609-615.	5.5	9
26	First-principles investigation on the mechanical and electronic properties of novel Pb1â^'xCexY alloys (Yâ€‰â€‰=â€‰â€‰S, Se, and Te): anab initiostudy. Materials Research Express, 2017, 4, 095903.	1.6	2
27	Structural, vibrational and dielectric behavior of Co1M Cr2O4 (MÂ=ÂZn, Mg, Cu and xÂ=Â0.0, 0.5) spinel chromites. Journal of Alloys and Compounds, 2017, 725, 415-424.	5.5	16
28	Crystal structure, phonon modes and dielectric properties of 3d Cu²⁺ ion doped multiferroic Co_{1â^'x}Cu_xCr₂O₄ (xâ€‰â€‰=â€‰â€‰0.0, 0.5) chromites. Materials Research Express, 2017, 4, 076110.	1.6	8
29	Second order nonlinear magneto-refraction and its dependence on field strength and detuning parameter in InSb semiconductors. Optik, 2017, 145, 387-397.	2.9	0
30	Influence of Sm doping on structural and dielectric properties of Y1-xSmxMnO3 (x = 0, 0.10, 0.20) manganites. AIP Conference Proceedings, 2016, , .	0.4	0
31	Structural, dielectric and ferroelectric properties of La and Ni codoped BiFeO3. AIP Conference Proceedings, 2016, , .	0.4	2
32	Rietveld refined structural and room temperature vibrational properties of BaTiO3 doped La0.67Ba0.33MnO3 composites. AIP Conference Proceedings, 2016, , .	0.4	1
33	Structural, elastic, thermodynamic and electronic properties of LuX (X = N, Bi and Sb) compounds: first principles calculations. Phase Transitions, 2016, 89, 1236-1252.	1.3	115
34	High-pressure and temperature-induced structural, elastic, and thermodynamical properties of strontium chalcogenides. Iranian Physical Journal, 2016, 10, 163-193.	1.2	11
35	Improved dielectric and ferroelectric properties of dual-site substituted rhombohedral structured BiFeO3 multiferroics. Journal of Alloys and Compounds, 2016, 682, 418-423.	5.5	38
36	First-Principle Study of the Structural, Electronic, and Optical Properties of Cubic InN_xP_{1â€“x} Ternary Alloys under Hydrostatic Pressure. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2016, 71, 783-796.	1.5	4

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37	Pressure and temperature induced elastic properties of Am and Cf monobismuthides. AIP Conference Proceedings, 2016, , .	0.4	0
38	Pressure and temperature induced elastic properties of rare earth chalcogenides. AIP Conference Proceedings, 2016, , .	0.4	0
39	Mechanically induced stiffening, thermally driven softening, and brittle nature of SiC. Journal of Advanced Ceramics, 2016, 5, 13-34.	17.4	5
40	Effect of La and Ni substitution on structure, dielectric and ferroelectric properties of BiFeO 3 ceramics. Ceramics International, 2016, 42, 14805-14812.	4.8	36
41	Investigations of the Structural, Electronic, Magnetic, and Half-Metallic Behavior of Co2MnZ (Z = Al,) Tj ETQq1 1 0.784314 rgBT /Over 809-817.	1.8	41
42	Thermal conductivity of ferromagnetic metallic La0.95Ag0.05MnO3manganites: role of carrier, spin waves and latticeâ€“impurity scattering. Molecular Simulation, 2016, 42, 110-121.	2.0	0
43	Rare earth (La) and metal ion (Pb) substitution induced structural and multiferroic properties of bismuth ferrite. Journal of Advanced Ceramics, 2015, 4, 292-299.	17.4	18
44	Pressure and temperature induced elastic properties of Si, Ge, Sn, and Pt carbides. AIP Conference Proceedings, 2015, , .	0.4	1
45	Structural and Ferroic Properties of La, Nd, and Dy Doped BiFeO₃ Ceramics. Journal of Ceramics, 2015, 2015, 1-8.	0.9	11
46	Structural and transport properties of La1â^'xAgxMnO3 (x=0.075, 0.1, 0.125 and 0.15) manganites. Materials Science in Semiconductor Processing, 2015, 35, 10-21.	4.0	17
47	Elastic and thermodynamical properties of cubic (3C) silicon carbide under high pressure and high temperature. Iranian Physical Journal, 2015, 9, 221-249.	1.2	30
48	Pressure-induced structural phase transition and elastic properties of rare earth Pr chalcogenides and pnictides. Phase Transitions, 2015, 88, 30-58.	1.3	2
49	Electrical transport in the ferromagnetic state of silver substituted manganites La_{1â^'x}Ag_xMnO₃ (x = 0.05 and 0.1). Journal of Materials Research, 2015, 30, 654-665.	2.6	3
50	On the synthesis, structural, optical and magnetic properties of nano-size Znâ€“MgO. Superlattices and Microstructures, 2015, 85, 886-893.	3.1	17
51	Normal and superconducting state specific heat of Mg1Ââ^'ÂxAlxB2(0Â<ÂxÂ<Â0.2). Molecular Simulation, 2015, 41, 1193-1199.	2.0	0
52	Structural and optical properties of Ni substituted CaCu3Ti4â^'Ni O12. Optik, 2015, 126, 3437-3441.	2.9	7
53	Structural, electronic and thermodynamic properties of half-metallic Co2CrZ(Z=Ga, Ge and As) alloys: First-principles calculations. Materials Science in Semiconductor Processing, 2015, 38, 126-136.	4.0	19
54	Enhanced magnetic response in single-phase Bi0.80La0.15A0.05FeO3â^'Î´ (A=Ca, Sr, Ba) ceramics. Solid State Communications, 2015, 220, 6-11.	1.9	10

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55	Structural, Elastic, Electronic Optical and Thermodynamic Properties of $$hbox {ZnAl}_{2}hbox {S}_{4}$$ ZnAl 2 S 4. International Journal of Thermophysics, 2015, 36, 2940-2952.	2.1	4
56	Effect of sintering temperature on structure and multiferroic properties of Bi0.825Sm0.175FeO3 ceramics. Materials Chemistry and Physics, 2015, 162, 469-476.	4.0	23
57	Room temperature structure vibrational and dielectric properties of Ho modified YMnO₃. Materials Research Express, 2015, 2, 076102.	1.6	12
58	Metallic and semi-conducting resistivity behaviour of La0.7Ca0.3â^'x K x MnO3 (xÂ=Â0.05, 0.1) manganites. Iranian Physical Journal, 2015, 9, 45-58.	1.2	15
59	Pressure induced stiffening, thermal softening of bulk modulus and brittle nature of mercury chalcogenides. International Journal of Computational Materials Science and Engineering, 2015, 04, 1550015.	0.7	0
60	Microstructural properties, electrical behavior and low field magnetoresistance of (1â^'x)La0.67Sr0.33MnO3 (LSMO)+(x)Ni0.5Zn0.5Fe2O4 (NZFO) composites. Solid State Communications, 2015, 224, 24-33.	1.9	12
61	Synthesis, structural, Raman spectroscopic and paramagnetic properties of Sn doped NiO nanoparticles. Superlattices and Microstructures, 2015, 86, 430-437.	3.1	27
62	Structural and dielectric studies of hexagonal ZnO nanoparticles. Optik, 2015, 126, 4232-4236.	2.9	27
63	Structural Transition and Enhanced Ferromagnetic Properties of La, Nd, Gd, and Dy-Doped BiFeO3 Ceramics. Journal of Electronic Materials, 2015, 44, 4354-4366.	2.2	12
64	3dtransition metal doped Zn0.95Tm0.05O (Tm= Mn, Co, Ni, Cu): structure, microstructure, Raman, dielectric constant and magnetism. Materials Research Express, 2015, 2, 106102.	1.6	4
65	Thermal conductivity of Mg(B_{0.94}C_{0.06})₂superconductors: role of carrier and latticeâ€“impurity scattering. Molecular Simulation, 2015, 41, 1466-1475.	2.0	4
66	Structural and magneto-transport properties of (1 â^'x)La0.67Sr0.33MnO3 (LSMO) + (x)BaTiO3 (BTO) composites. Journal of Alloys and Compounds, 2015, 619, 122-130.	5.5	29
67	Role of Density Profiles for the Nonlinear Propagation of Intense Laser Beam through Plasma Channel. Advances in Optical Technologies, 2014, 2014, 1-7.	0.8	4
68	Study of elastic moduli and thermal properties of RMnO3 (R = La, Nd) compounds. International Journal of Computational Materials Science and Engineering, 2014, 03, 1450011.	0.7	1
69	Structural, vibrational and magnetic properties of Ti substituted bulk hematite: Î±-Fe2â^'xTi x O3. Journal of Advanced Ceramics, 2014, 3, 269-277.	17.4	10
70	Thermal conductivity in the ferromagnetic metallic phase of monovalent Ag doped manganites. International Journal of Computational Materials Science and Engineering, 2014, 03, 1450015.	0.7	0
71	Interpretation of temperature-dependent thermoelectric power behaviour of La_{0.67}Ba_{0.33}MnO₃manganites. Molecular Physics, 2014, 112, 3183-3188.	1.7	0
72	Structural and dielectric properties of Nd/Ca co-doped bi-ferrite multiferroics. , 2014, , .		2

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73	Structural and optical properties of MgO doped ZnO. , 2014, , .		0
74	Phonon and magnon scattering of Bi2Fe4O9 ceramic. , 2014, , .		1
75	Thermal conductivity analysis of lanthanum doped manganites. , 2014, , .		0
76	Structural and Raman scattering study of Ni-doped CoFe2O4. AIP Conference Proceedings, 2014, , .	0.4	11
77	Study of transport properties with relativistic ponderomotive effect in two-electron temperature plasma. , 2014, , .		0
78	Mechanical stiffening and thermal softening of rare earth chalcogenides. , 2014, , .		0
79	Structural and electrical transport properties of La0.8Sm0.05K0.15MnO3 manganites. , 2014, , .		0
80	First-principles investigation on structural, elastic, electronic and thermodynamic properties of filled skutterudite PrFe₄P₁₂compound for thermoelectric applications. Molecular Simulation, 2014, 40, 1236-1243.	2.0	20
81	Structural, electrical and magnetoresistance of titanium-doped iron (II,III) oxide (Fe3O4) thin films deposited on strontium titanate, alumina, silicon, and Float Glass. Materials Science in Semiconductor Processing, 2014, 26, 33-40.	4.0	7
82	Distribution regimes of intense laser beam in a self-consistent plasma channel. Applied Physics B: Lasers and Optics, 2014, 116, 811-819.	2.2	1
83	Effect of Pr substitution on structural and electrical properties of BiFeO3 ceramics. Materials Chemistry and Physics, 2014, 143, 629-636.	4.0	37
84	Structural, magnetic and dielectric properties of Pr-modified BiFeO3 multiferroic. Journal of Alloys and Compounds, 2014, 584, 232-239.	5.5	83
85	Structural, electrical and magnetic properties of Bi0.825Pb0.175FeO3, and Bi0.725La0.1Pb0.175FeO3 multiferroics. Materials Research Bulletin, 2014, 49, 345-351.	5.2	21
86	Structural and electrical transport properties of Zn Fe3â^'O4 thin film deposited on Si (1 1 1) by pulsed-laser deposition. Optik, 2014, 125, 6629-6633.	2.9	5
87	Influence of divalent metal cation Zinc doping on the structural and magnetic characterization of hemataite: Î±-Fe2O3. Journal of Molecular Structure, 2014, 1075, 1-6.	3.6	7
88	Structural and electrical properties of Pr1â^'xSrxMnO3 (x=0.25, 0.3, 0.35 and 0.4) manganites. Materials Science in Semiconductor Processing, 2014, 27, 418-426.	4.0	17
89	Role of phonon drag and carrier diffusion in thermoelectric power of polycrystalline La0.97Na0.03MnO3 manganites. Journal of Advanced Ceramics, 2014, 3, 224-229.	17.4	3
90	Substitutional effects on structural and magnetotransport properties of La0.85â^'xSmxK0.15MnO3 (x=0.05, 0.1 and 0.15). Journal of Alloys and Compounds, 2014, 589, 558-567.	5.5	19

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91	Structural, vibrational and dielectric study of Ni doped spinel Co ferrites: Co1â^'xNixFe2O4 (x=0.0, 0.5,) Tj ETQq1 1 0.784314 rgBT /O	4.8	106
92	Cu doping effect of hematite (Î±-Fe2â^'xCuxO3): Effect on the structural and magnetic properties. Materials Science in Semiconductor Processing, 2014, 21, 38-44.	4.0	17
93	Structural and magnetotransport studies of magnetic ion doping for monovalent-doped LaMnO₃ manganites. Journal of Materials Research, 2014, 29, 1183-1198.	2.6	10
94	Effect Of La And Pb Substitution On Structural And Electrical Properties Of Parent And La/Pb Co Doped BiFeO3 multiferroic. Advanced Materials Letters, 2014, 5, 71-74.	0.6	15
95	The possibility of semiconductorâ€"metal transition in a spherical quantum dot. Journal of Mathematical Chemistry, 2013, 51, 1815-1821.	1.5	1
96	Substitutional effect on structural and dielectric properties of Ni1â^'xAxFe2O4 (AÂ=ÂMg, Zn) mixed spinel ferrites. Materials Chemistry and Physics, 2013, 140, 412-418.	4.0	114
97	Electrical Resistivity of the Mg(B1â^'x C x)2 Superconductors: Role of Electronâ€"Electron, and Electronâ€"Phonon Interactions. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2743-2759.	1.8	4
98	Effect of Fe and Co doping on electrical and thermal properties of La0.5Ce0.5Mn1â^'(Fe, Co) O3 manganites. Materials Research Bulletin, 2013, 48, 4606-4613.	5.2	26
99	Effect of Zn and Mg doping on structural, dielectric and magnetic properties of tetragonal CuFe2O4. Current Applied Physics, 2013, 13, 467-473.	2.4	122
100	Influence of Cr and Mn substitution on the structural and spectroscopic properties of doped haematite: Î±-Fe2â^'xMxO3 (0.0â©½x<0.50). Journal of Molecular Structure, 2013, 1052, 105-111.	3.6	16
101	Elastic, mechanical and thermodynamic properties at high pressures and temperatures of transition metal monocarbides. International Journal of Refractory Metals and Hard Materials, 2013, 41, 375-401.	3.8	35
102	Electrical transport in the ferromagnetic and paramagnetic state of potassium-substituted manganites La1â^'x K x MnO3 (xÂ=Â0.05, 0.1 and 0.15). Journal of Materials Science, 2013, 48, 5904-5916.	3.7	5
103	Effect of stirring time on size and dielectric properties of SnO2 nanoparticles prepared by co-precipitation method. Journal of Molecular Structure, 2013, 1034, 216-222.	3.6	31
104	Investigation of propagation characteristics of electromagnetic waves through eccentric core optical fibers. Optik, 2013, 124, 6967-6972.	2.9	1
105	Structural, Raman and dielectric behavior in Bi1â^'xSrxFeO3 multiferroic. Journal of Molecular Structure, 2013, 1038, 242-249.	3.6	44
106	Elastic, mechanical, and thermodynamical properties of superionic lithium oxide for high pressures. Physics and Chemistry of Minerals, 2013, 40, 521-530.	0.8	2
107	Pressure and temperature dependent elastic, mechanical and thermodynamical properties of nuclear fuel: UO2 and UN2. Journal of Nuclear Materials, 2013, 440, 344-365.	2.7	11
108	Electrical resistivity of alkali metal doped manganites LaxAyMnwO3 (AÂ=ÂNa, K, Rb): Role of electronâ€"phonon, electronâ€"electron and electronâ€"magnon interactions. Current Applied Physics, 2013, 13, 1188-1198.	2.4	20

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109	Structural properties and Raman spectroscopy of rhombohedral La1â^'xNaxMnO3 (0.075â‰¤xâ‰¤0.15). Journal of Molecular Structure, 2013, 1031, 104-109.	3.6	29
110	Magnetic and structural properties of pure and Cr-doped haematite: Î±-Fe2â^'xCr x O3 (0 â‰¤ x â‰¤ 1). Journal of Advanced Ceramics, 2013, 2, 360-369.	17.4	54
111	Phonon, magnon and electron contributions to low temperature specific heat in metallic state of La0Â·85Sr0Â·15MnO3 and Er0Â·8 Y 0Â·2MnO3 manganites. Bulletin of Materials Science, 2013, 36, 1255-1260.	1.7	5
112	Relativistic Propagation of Linearly/Circularly Polarized Laser Radiation in Plasmas. , 2013, 2013, 1-8.		5
113	Relativistic cross-focusing of extraordinary and ordinary modes in a magnetoactive plasma. Journal of Plasma Physics, 2013, 79, 953-961.	2.1	4
114	Low temperature Raman spectra of rhombohedral La[sub 0.925]Na[sub 0.075]MnO[sub 3]. , 2013, , .		0
115	Influence of Co doping on structural and electrical properties of La[sub 0.5]Ce[sub 0.5]Mn[sub 1â^'x]Co[sub x]O[sub 3] manganites. , 2013, , .		0
116	Temperature and pressure dependent thermodynamical properties of uranium dinitrides: UN[sub 2]. , 2013, , .		0
117	Effect of Mg doping on dielectric properties of CuFe2O4 nanoparticles. AIP Conference Proceedings, 2012, , .	0.4	1
118	PRESSURE INDUCED PHASE TRANSITION (B3â€“B1) AND ELASTIC PROPERTIES OF IIâ€“VI ZnSe SEMICONDUCTORS. International Journal of Modern Physics B, 2012, 26, 1250077.	2.0	0
119	SUPERCONDUCTING PAIRING MECHANISM OF RARE-EARTH-NICKEL-BOROCARBIDES: EFFECTS OF ELECTRONâ€“ELECTRON AND ELECTRONâ€“PHONON INTERACTIONS. Modern Physics Letters B, 2012, 26, 1150045.	1.9	3
120	Structure and electrical resistivity of La1â^'xBaxMnO3 (0.25â‰¤xâ‰¤0.35) perovskites. Journal of Alloys and Compounds, 2012, 513, 256-265.	5.5	37
121	Dielectric relaxation behavior of AxCo1â^'xFe2O4 (A=Zn, Mg) mixed ferrites. Journal of Alloys and Compounds, 2012, 526, 91-97.	5.5	135
122	Pressure dependent mechanical properties of europium mono chalcogenides under high pressure. Computational Materials Science, 2012, 61, 158-179.	3.0	10
123	Structural phase transition and elastic properties of mercury chalcogenides. Materials Chemistry and Physics, 2012, 135, 365-384.	4.0	17
124	Phonon-induced superconductivity and physical properties in intercalated fullerides Rb3C60. Journal of Theoretical and Applied Physics, 2012, 6, 25.	1.4	1
125	Structural properties and electrical resistivity behaviour of La1â^'x KxMnO3 (xÂ=Â0.1, 0.125 and 0.15) manganites. Materials Chemistry and Physics, 2012, 134, 886-898.	4.0	34
126	Crystal structure refinement of Bi1â^'xNdxFeO3 multiferroic by the Rietveld method. Ceramics International, 2012, 38, 3935-3942.	4.8	133

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127	The anomalous penetration of intense circularly polarized electromagnetic beam through overdense magnetized plasma. Optik, 2012, 123, 67-72.	2.9	4
128	Structural, transport and spectroscopic properties of Ti4+ substituted magnetite: Fe3â˜'xTixO4. Materials Chemistry and Physics, 2012, 133, 103-109.	4.0	5
129	Structural stabilities, elastic and thermodynamic properties of Scandium Chalcogenides via first-principles calculations. Computational Materials Science, 2011, 50, 3123-3130.	3.0	61
130	Structural properties and electrical resistivity of Na-substituted lanthanum manganites: La1â˜'xNaxMnO3+y (x=0.1, 0.125 and 0.15). Journal of Alloys and Compounds, 2011, 509, 7447-7457.	5.5	38
131	Effect of A site and B site doping on structural, thermal, and dielectric properties of BiFeO3 ceramics. Journal of Alloys and Compounds, 2011, 509, 8421-8426.	5.5	154
132	Interpretation of metallic and semiconducting temperature dependent resistivity of La0.91Rb0.06Mn0.94O3 manganites. Solid State Sciences, 2011, 13, 1623-1632.	3.2	10
133	Substitutional effect on structural and magnetic properties of AxCo1â˜'xFe2O4 (A=Zn, Mg and x=0.0,) Tj ETQq1 1 0.784314 rgBT /Over	3.6	121
134	Structural and transport properties of stoichiometric Mn2+-doped magnetite: Fe3â˜'xMnxO4. Materials Chemistry and Physics, 2011, 128, 489-494.	4.0	24
135	Electrical resistivity of the hole doped La0.8Sr0.2MnO3 manganites: Role of electronâ€"electron/phonon/magnon interactions. Materials Chemistry and Physics, 2011, 129, 896-904.	4.0	21
136	Structural and vibrational properties of ZnxMn1â˜'xFe2O4 (x=0.0, 0.25, 0.50, 0.75, 1.0) mixed ferrites. Materials Chemistry and Physics, 2011, 131, 413-419.	4.0	90
137	Influence of Ce Doping on Structural and Transport Properties of Ca1â˜'x Ce x MnO3 (x=0.2) Manganite. Journal of Low Temperature Physics, 2011, 162, 52-61.	1.4	10
138	Structural and Electrical conductivity of Mn doped Hematite (Î±-Fe2O3) phase. Journal of Molecular Structure, 2011, 995, 157-162.	3.6	47
139	Effects of A-site disorder on magnetic, electrical and thermal properties of La0.5â˜'Ln Ca0.5â˜'Sr MnO3manganites. Journal of Magnetism and Magnetic Materials, 2011, 323, 316-323.	2.3	22
140	Pressure dependent elastic properties of diluted magnetic semiconductors: Hg1â˜'xMnxS (x=0.02 and) Tj ETQq0 0 0 rgBT /Overlock 10 T	4.0	2
141	Structural And Magnetic Properties Of Mn And Zn Doped Fe[sub 3]O[sub 4] Nanoparticles. , 2011, , .		2
142	Electrical Resistivity and Thermopower of Laâ•Ndâ•PrMnO[sub 3] Manganites: Role of Small Polaron Conduction. AIP Conference Proceedings, 2011, , .	0.4	1
143	Transport Properties Of Fe[sub 3â˜'x]Ti[sub x]O[sub 4] (xâ€‰=â€‰0.0 and 0.0206) Epitaxial Thin Films. , 2011, , .		0
144	Structural and transport properties of stoichiometric and Cu2+-doped magnetite: Fe3â˜'xCuxO4. Materials Chemistry and Physics, 2010, 123, 434-438.	4.0	31

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145	Pressure and doping dependent elastic and thermodynamical properties of Ga1â^'xInxP mixed valent compounds. Materials Research Bulletin, 2010, 45, 916-926.	5.2	14
146	Pressure induced mechanical properties of boron based pnictides. Solid State Sciences, 2010, 12, 864-872.	3.2	37
147	Pressure induced structural phase transition and elastic properties in BSb, AlSb, GaSb and InSb compounds. Physica B: Condensed Matter, 2010, 405, 1663-1676.	2.7	47
148	PHONON DRAG, CARRIER DIFFUSIVE THERMOELECTRIC POWER AND SEMICONDUCTING RESISTIVITY BEHAVIOR OF Zn NANOWIRES. International Journal of Nanoscience, 2010, 09, 453-459.	0.7	0
149	Pressure dependent elastic and structural (B3â€"B1) properties of Ga based monopnictides. Journal of Alloys and Compounds, 2010, 495, 23-32.	5.5	27
150	Interpretation of metallic and semiconducting temperature-dependent resistivity of La1â^'xNaxMnO3 (x=0.07, 0.13) manganites. Computational Materials Science, 2010, 47, 839-847.	3.0	27
151	EXPLANATION OF OPTICAL CONDUCTIVITY IN THE FERROMAGNETIC METALLIC STATE OF La_{0.7}Ca_{0.3}MnO₃ MANGANITES. Modern Physics Letters B, 2009, 23, 1085-1099.	1.9	0
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