

Shovit Bhattacharya

List of Publications by Year in descending order

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138
papers

2,778
citations

186209

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138
docs citations

138
times ranked

3468
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Operating Flyback Converter for Boosting Ultra-Low Voltage of Thermoelectric Power Generator for IoT Applications. IEEE Transactions on Industrial Electronics, 2022, 69, 12957-12966.	5.2	6
2	Synergistic effect of Zn doping on thermoelectric properties to realize a high figure-of-merit and conversion efficiency in Bi ₂ xZn ₃ based thermoelectric generators. Journal of Materials Chemistry C, 2022, 10, 7970-7979.	2.7	13
3	Enhanced H ₂ S gas sensing performance of Ca-doped Bismuth Ferrite thick films. Materials Science in Semiconductor Processing, 2022, 148, 106782.	1.9	2
4	Phase evolution in M _{1-x} Pu _x O ₂ (0.0 ≤ x ≤ 0.6) (M = Zr, Th) as potential inert matrix fuel system under reducing and oxidizing conditions. Journal of Nuclear Materials, 2021, 547, 152800.	1.3	4
5	Improved temperature coefficient of resistance and transport properties of Nd _{0.7} Sr _{0.3} xMnO ₃ (x = Ag, Na, K; x = 0 & 0.1) manganites. Journal of Materials Science: Materials in Electronics, 2021, 32, 23134-23145.		
6	Free-standing flexible multiwalled carbon nanotubes paper for wearable thermoelectric power generator. Journal of Power Sources, 2020, 449, 227493.	4.0	38
7	Band Convergence and Phonon Scattering Mediated Improved Thermoelectric Performance of SnTe-PbTe Nanocomposites. ACS Applied Energy Materials, 2020, 3, 8882-8891.	2.5	7
8	Near room temperature thermoelectrics: Ag ₂ Se. AIP Conference Proceedings, 2020, , .	0.3	1
9	Remarkable Improvement of Thermoelectric Figure-of-Merit in SnTe through In Situ-Created Te Nano-inclusions. ACS Applied Energy Materials, 2020, 3, 7113-7120.	2.5	14
10	Stabilizing Thermoelectric Figure-of-Merit of Superionic Conductor Cu ₂ Se through W Nano-inclusions. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2000102.	1.2	12
11	Ambient-air fabrication with inorganic/polymer hole transport layer: Towards low cost perovskite solar cells. AIP Conference Proceedings, 2020, , .	0.3	0
12	Au incorporated ZnO nanowire thin films as highly efficient NO ₂ sensor. AIP Conference Proceedings, 2020, , .	0.3	1
13	Study of magnetic structure of ferrimagnet holmium iron garnet by neutron diffraction at room temperature. AIP Conference Proceedings, 2020, , .	0.3	0
14	Tailoring of thermoelectric properties in Bi ₂ Te ₃ by varying the sintering temperature. AIP Conference Proceedings, 2020, , .	0.3	2
15	Structural and Mössbauer spectroscopic studies of Mn-substituted Cu-ferrite nanoparticles. AIP Conference Proceedings, 2020, , .	0.3	0
16	Environment friendly SnTe thermoelectrics: Material to device. AIP Conference Proceedings, 2020, , .	0.3	0
17	Effect of tin on thermoelectric power factor of indium tin oxide. AIP Conference Proceedings, 2019, , .	0.3	1
18	Realization of High Thermoelectric Figure of Merit in GeTe by Complementary Co-doping of Bi and In. Joule, 2019, 3, 2565-2580.	11.7	175

#	ARTICLE	IF	CITATIONS
19	Indigenously developed alpha particle detector using ZnS nanostructure. AIP Conference Proceedings, 2019, , .	0.3	0
20	Enhancement of thermoelectric power factor by inducing octahedral ordering in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_6$ double perovskites. Physical Review B, 2019, 99, .	1.1	30
21	Temperature Driven Unusual Reversible p-type to n-type Conduction Switching in Bi_2Te_3 . Physica Status Solidi - Rapid Research Letters, 2019, 13, 1900121.	1.2	3
22	Enhanced magnetization in multiferroic BiFeO_3 through structural distortion and particle size reduction. Journal of Magnetism and Magnetic Materials, 2019, 483, 59-64.	1.0	16
23	Improving the Thermoelectric Performance of Tetrahedrally Bonded Quaternary Selenide $\text{Cu}_2\text{CdSnSe}_4$ Using CdSe Precipitates. Journal of Electronic Materials, 2019, 48, 2120-2130.	1.0	2
24	Investigation on gas sensing properties of Ag doped BiFeO_3 . AIP Conference Proceedings, 2018, , .	0.3	4
25	Lead sulphide: Low cost, abundant thermoelectrics. AIP Conference Proceedings, 2018, , .	0.3	1
26	Defining the Post-Machined Sub-surface in Austenitic Stainless Steels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2018, 49, 2281-2292.	1.1	8
27	Studies on n- and p-type metal oxide compounds for thermoelectric device fabrication. Bulletin of Materials Science, 2018, 41, 1.	0.8	1
28	Enhanced thermoelectric figure-of-merit of p-type SiGe through TiO_2 nano-inclusions and modulation doping of boron. Materialia, 2018, 4, 147-156.	1.3	17
29	Magnetic and transport properties driven by Sr substitution in polycrystalline $\text{Pr}_{1-x}\text{Sr}_x\text{CoO}_3$ (0.1 $\%$ x $\%$) Tj ETQq1 1 0.784314 rgB	1.1	12
30	Exploring YSZ/ ZrO_2 - PuO_2 systems: Candidates for inert matrix fuel. Journal of Nuclear Materials, 2018, 508, 82-91.	1.3	29
31	Transition from n- to p-type conduction concomitant with enhancement of figure-of-merit in Pb doped bismuth telluride: Material to device development. Materials and Design, 2018, 159, 127-137.	3.3	39
32	Tellurium-free thermoelectrics: Improved thermoelectric performance of n-type Bi_2Se_3 having multiscale hierarchical architecture. Energy Conversion and Management, 2017, 145, 415-424.	4.4	37
33	Optimisation of electrical contact resistance in $\text{Bi}_{0.5}\text{Sb}_{1.5}\text{Te}_3$ for development of thermoelectric generators. AIP Conference Proceedings, 2017, , .	0.3	1
34	Tailoring thermal conductivity in PbS by incorporation of copper for thermoelectric applications. AIP Conference Proceedings, 2017, , .	0.3	1
35	Transport properties of bismuth telluride compound prepared by mechanical alloying. AIP Conference Proceedings, 2017, , .	0.3	2
36	Structural and transport properties of $\text{Nd}_{0.6}\text{Sr}_{0.4}\text{CoO}_3$ compound. AIP Conference Proceedings, 2017, , .	0.3	0

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37	Synthesis & tailoring the thermal conductivity of Sr doped Bi ₂ Se ₃ thermoelectric material. AIP Conference Proceedings, 2017, , .	0.3	0
38	RF sputtered SnO ₂ : NiO thin films as sub-ppm H ₂ S sensor operable at room temperature. Sensors and Actuators B: Chemical, 2017, 242, 389-403.	4.0	78
39	Impact of silver substitution on the magnetotransport and thermal behavior of polycrystalline Sm _{0.55} Sr _{0.45} ^x Ag _x MnO ₃ (x=0 & 0.15) manganites. Journal of Alloys and Compounds, 2017, 691, 230-238.	2.8	14
40	Structural, magnetotransport and thermal properties of Sm substituted La _{0.7} ^x Sm ^x Ba _{0.3} MnO ₃ (x=0.2) manganites. Journal of Magnetism and Magnetic Materials, 2017, 424, 459-466.	1.0	25
41	Boosting thermoelectric performance of p-type SiGe alloys through in-situ metallic YSi ₂ nano-inclusions. Nano Energy, 2016, 27, 282-297.	8.2	79
42	Near room temperature magnetodielectric consequence in (Li, Ti) doped NiO ceramic. Journal of Applied Physics, 2016, 119, .	1.1	17
43	Chemical synthesis and characterization of PdTe-Ag ₂ Te nanowires heterostructure. AIP Conference Proceedings, 2016, , .	0.3	0
44	Study of thermal stability of Cu ₂ Se thermoelectric material. AIP Conference Proceedings, 2016, , .	0.3	17
45	Improvement in thermoelectric power factor of mechanically alloyed p-type SiGe by incorporation of TiB ₂ . AIP Conference Proceedings, 2016, , .	0.3	2
46	Effect of silver addition on thermoelectric properties of half-doped rare-earth manganite. AIP Conference Proceedings, 2016, , .	0.3	1
47	Vertical gradient solution growth of N-type Si _{0.73} Ge _{0.27} bulk crystals with homogeneous composition and its thermoelectric properties. Journal of Crystal Growth, 2016, 442, 102-109.	0.7	3
48	Investigation of structural and some physical properties of Cr substituted polycrystalline Eu _{0.5} Sr _{0.5} Mn ₁ ^x Cr _x O ₃ (x=0.1) manganites. Journal of Materials Science: Materials in Electronics, 2016, 27, 8899-8905.	1.1	13
49	Impact of nickel substitution on the structural and conduction behaviour of YBaCo ₄ ^x Ni _x O ₇ (x=0.3) cobaltites. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	2
50	High temperature thermoelectric performance of NiCr ₂ Se ₄ . AIP Conference Proceedings, 2015, , .	0.3	0
51	High Power Factor of Ga-Doped Compositionally Homogeneous Si _{0.68} Ge _{0.32} Bulk Crystal Grown by the Vertical Temperature Gradient Freezing Method. Crystal Growth and Design, 2015, 15, 1380-1388.	1.4	5
52	Thermal evolution of nanocrystalline co-sputtered Ni-Zr alloy films: Structural, magnetic and MD simulation studies. Journal of Alloys and Compounds, 2015, 649, 746-754.	2.8	14
53	Deposition and in-situ characterization of Ti-Zr-V alloy thin films annealed at different temperatures under ultra-high vacuum conditions. Journal of Alloys and Compounds, 2015, 651, 375-381.	2.8	11
54	H ₂ S sensing properties of R.F. sputtered NiO thin films. AIP Conference Proceedings, 2014, , .	0.3	5

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55	Thermoelectric properties of Ag added Ca _{0.98} La _{0.02} MnO ₃ . , 2014, , .		3
56	Selective H ₂ S detection by CuO functionalized ZnO nanotetrapods at room temperature. Materials Chemistry and Physics, 2014, 143, 1319-1324.	2.0	18
57	Electrochemical characterization of sodium and potassium doped lanthanum-titanium mixed oxides prepared by sol-gel method. Journal of Sol-Gel Science and Technology, 2014, 72, 455-463.	1.1	0
58	High thermoelectric performance of (AgCrSe ₂) _{0.5} (CuCrSe ₂) _{0.5} nano-composites having all-scale natural hierarchical architectures. Journal of Materials Chemistry A, 2014, 2, 17122-17129.	5.2	82
59	Enhanced Thermoelectric Properties of Selenium-Deficient Layered TiSe ₂ : A Charge-Density-Wave Material. ACS Applied Materials & Interfaces, 2014, 6, 18619-18625.	4.0	21
60	H ₂ S sensors based on SnO ₂ films: RGTG versus RF sputtering. Materials Chemistry and Physics, 2014, 147, 707-714.	2.0	18
61	Thermoelectric performance of layered Sr _x TiSe ₂ above 300 K. Journal of Physics Condensed Matter, 2014, 26, 445002.	0.7	5
62	Improved thermoelectric performance of hot pressed nanostructured n-type SiGe bulk alloys. Journal of Materials Chemistry A, 2014, 2, 6922.	5.2	145
63	Layered silicate-polymer nanocomposite coatings via radiation curing process for flame retardant applications. Progress in Organic Coatings, 2014, 77, 1443-1451.	1.9	27
64	Experimental and Simulation Studies of Helium Channel Reconstruction for Test Blanket Module Fabrication by High-Power Laser Welding. Fusion Science and Technology, 2014, 65, 199-204.	0.6	1
65	Stripping study of U(VI) from loaded TBP/n-paraffin using ammonium nitrate bearing waste as strippant. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 2141-2146.	0.7	2
66	Influence of Cu intercalation on thermal transport properties of titanium diselenide. , 2013, , .		1
67	Selective H ₂ S sensing characteristics of CuO modified WO ₃ thin films. Sensors and Actuators B: Chemical, 2013, 188, 525-532.	4.0	96
68	Improved Thermoelectric Properties of Se-Doped n-Type PbTe _{1-x} Se _x (0 ≤ x ≤ 1). Journal of Electronic Materials, 2013, 42, 2292-2296.	1.0	14
69	Ethanol sensing properties of pure and Au modified ZnO nanowires. Sensors and Actuators B: Chemical, 2013, 187, 313-318.	4.0	80
70	Effect of ammonium nitrate on precipitation of Ammonium Di-Uranate (ADU) and its characteristics. Journal of Nuclear Materials, 2013, 440, 34-38.	1.3	17
71	Growth of Pd ₄ S, PdS and PdS ₂ films by controlled sulfurization of sputtered Pd on native oxide of Si. Thin Solid Films, 2013, 539, 41-46.	0.8	35
72	CuCrSe ₂ : a high performance phonon glass and electron crystal thermoelectric material. Journal of Materials Chemistry A, 2013, 1, 11289.	5.2	85

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73	Structural and surface studies on calcium phospho-silicate glass-ceramics containing zinc and iron oxide. <i>Journal of Non-Crystalline Solids</i> , 2013, 376, 221-228.	1.5	6
74	Low temperature thermoelectric properties of Cu intercalated TiSe ₂ : a charge density wave material. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 111, 465-470.	1.1	24
75	Thermal transport properties of strontium intercalated titanium diselenide. , 2013, , .		1
76	Effect of hot-press sintering temperature on thermal transport properties of TiSe ₂ . , 2013, , .		2
77	Thermoelectric property of Cu ₂ ZnSnSe ₄ and Cu ₂ Zn _{0.5} Cd _{0.5} SnSe ₄ . , 2013, , .		0
78	Study on thermal hysteresis of Sr doped manganites. , 2013, , .		0
79	Thermoelectric properties of CuCrSe ₂ . , 2013, , .		2
80	Thermoelectric performance of Cu intercalated layered TiSe ₂ above 300 K. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	17
81	H ₂ S sensing properties of RF sputtered SnO ₂ films. , 2013, , .		1
82	Enhanced figure of merit in (AgCrSe ₂) _{0.75} (CuCrSe ₂) _{0.25} . <i>AIP Conference Proceedings</i> , 2013, , .	0.3	1
83	Dramatic thermal conductivity reduction in PbSe _{0.5} Te _{0.5} . , 2013, , .		0
84	Improved thermoelectric properties of PbTe _{0.5} Se _{0.5} . , 2012, , .		0
85	Synthesis of optically transparent ceramic of CaF ₂ doped with Mn and Ce for thermoluminescent dosimetry. , 2012, , .		1
86	Thin films of Ti-Nb-Zr as non-evaporable getter films. <i>Journal of Physics: Conference Series</i> , 2012, 390, 012041.	0.3	2
87	Effect of Te doping on the thermopower of PbSe _x Te _x . <i>Emerging Materials Research</i> , 2012, 1, 306-311.	0.4	5
88	Thermoelectric properties of transition metal intercalated layered TiSe ₂ . , 2012, , .		1
89	Nanocomposite silicasurfactant microcapsules by evaporation induced self assembly: tuning the morphological buckling by modifying viscosity and surface charge. <i>Soft Matter</i> , 2012, 8, 1955-1963.	1.2	57
90	H ₂ S sensing properties of RGTO grown SnO ₂ films. , 2012, , .		0

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91	Interactions of ferrimagnetic glass/glass-ceramics with bovine serum albumin. Applied Surface Science, 2012, 258, 2356-2361.	3.1	12
92	Fabrication, properties and thermo-luminescent dosimetric application of CaF ₂ :Mn transparent ceramic. Nuclear Instruments & Methods in Physics Research B, 2012, 287, 51-55.	0.6	21
93	Formation of hollow spherical and doughnut microcapsules by evaporation induced self-assembly of nanoparticles: effects of particle size and polydispersity. Soft Matter, 2012, 8, 10036.	1.2	48
94	Thermoelectric properties of AgCrSe ₂ . AIP Conference Proceedings, 2012, , .	0.3	5
95	Aerosol assisted chemical vapour deposition of germanium thin films using organogermanium carboxylates as precursors and formation of germania films. Bulletin of Materials Science, 2012, 35, 365-368.	0.8	5
96	Role of Nd ³⁺ Ions in Modifying the Band Structure and Photocatalytic Properties of Substituted Indium Titanates, In ₂ (1-x)Nd _{2x} TiO ₅ Oxides. Journal of Physical Chemistry C, 2012, 116, 1458-1471.	1.5	17
97	Observation of Re-entrant Resistance in NbN/NbO/Co Trilayer. Journal of Superconductivity and Novel Magnetism, 2012, 25, 1455-1458.	0.8	2
98	Arrest of morphological transformation during evaporation-induced self-assembly of mixed colloids in micrometric droplets by charge tuning. Soft Matter, 2011, 7, 5423.	1.2	45
99	Origin of Buckling Phenomenon during Drying of Micrometer-Sized Colloidal Droplets. Langmuir, 2011, 27, 8404-8414.	1.6	72
100	Growth of homogeneous polycrystalline Si _{1-x} Gex and Mg ₂ Si _{1-x} Gex for thermoelectric application. Thin Solid Films, 2011, 519, 8532-8537.	0.8	15
101	Low-field Magnetoresistance, Specific Heat and Magnetocaloric Effect in Sr Substituted Pr _{0.7} Ca _{0.3} MnO ₃ . Journal of Superconductivity and Novel Magnetism, 2011, 24, 1425-1431.	0.8	5
102	Magnetic and Dielectric Properties of R ₂ CuTiO ₆ Compounds (R=Y, La, Pr and Nd). Journal of Superconductivity and Novel Magnetism, 2011, 24, 1829-1838.	0.8	23
103	Thermoelectric Properties of Ca ₄ Mn _{3-\hat{x}} Nb _x O ₁₀ . , 2011, , .		1
104	An Electrochemical Approach for Deposition of Polyfullerene Films on ITO Substrates. Journal of the Electrochemical Society, 2011, 159, D13-D18.	1.3	0
105	Buckling-driven morphological transformation of droplets of a mixed colloidal suspension during evaporation-induced self-assembly by spray drying. European Physical Journal E, 2010, 31, 393-402.	0.7	36
106	Effect of ZnO on phase emergence, microstructure and surface modifications of calcium phosphosilicate glass/glass-ceramics having iron oxide. Applied Surface Science, 2010, 256, 3107-3115.	3.1	14
107	Resistivity study of RuSr ₂ GdCu ₂ O ₈ superconductor. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 411-416.	0.8	1
108	Superconducting and microstructural properties of Mg _{1-x} Ag _x B ₂ . Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 1456-1459.	0.8	0

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109	Morphological deformation during evaporation induced assembly of mixed colloidal suspension. , 2010, , .		1
110	Colossal electroresistance in Sm _{0.55} Sr _{0.45} MnO ₃ . Journal of Alloys and Compounds, 2010, 508, L32-L35.	2.8	30
111	Development of low resistance electrical contacts for thermoelectric devices based on n-type PbTe and p-type TAGS-85 ((AgSbTe) ₂) _{0.15} (GeTe) _{0.85}). Journal Physics D: Applied Physics, 2009, 42, 015502.	1.3	73
112	The effect of NiO on the phase formation, thermo-physical properties and sealing behaviour of lithium zinc silicate glass-ceramics. Journal of Materials Science, 2009, 44, 3349-3355.	1.7	5
113	Preparation and Characterization of HgO and AgO Added La ₂ CaBa ₂ Cu ₅ O _z Superconductors. Journal of Superconductivity and Novel Magnetism, 2009, 22, 699-704.	0.8	1
114	Superconductivity and Magnetism in R ₂ CaBa ₂ Cu ₅ O _z (R=La, Pr, Nd and Eu). Journal of Superconductivity and Novel Magnetism, 2009, 22, 759-767.	0.8	3
115	Preparation and studies on surface modifications of calcium-silico-phosphate ferrimagnetic glass-ceramics in simulated body fluid. Materials Science and Engineering C, 2009, 29, 2226-2233.	3.8	41
116	Preparation and study of magnetic properties of silico phosphate glass and glass-ceramics having iron and zinc oxide. Journal of Magnetism and Magnetic Materials, 2009, 321, 3821-3828.	1.0	63
117	Effect of pulse plating and additive on phase separation in Cu-Co nano-granular alloys. Journal of Alloys and Compounds, 2009, 475, 676-682.	2.8	16
118	Room-temperature H ₂ S gas sensing at ppb level by single crystal In ₂ O ₃ whiskers. Sensors and Actuators B: Chemical, 2008, 133, 456-461.	4.0	258
119	Fabrication of dense (Th,U)O ₂ pellets through microspheres impregnation technique. Journal of Nuclear Materials, 2008, 381, 249-258.	1.3	16
120	Self-standing geometry of aligned carbon nanotubes with high surface area. Materials Letters, 2008, 62, 1989-1992.	1.3	20
121	DNA-Templated Assemblies of Nickel Hexacyanoferrate Crystals. Journal of Physical Chemistry B, 2008, 112, 6467-6472.	1.2	9
122	Synthesis of Tellurium Nanostructures by Physical Vapor Deposition and Their Growth Mechanism. Crystal Growth and Design, 2008, 8, 238-242.	1.4	54
123	Growth, Characterization and Gas Sensing Properties of Nanotetrapod ZnO. Journal of Nanoscience and Nanotechnology, 2008, 8, 4106-4110.	0.9	3
124	Low temperature thermopower and electrical transport in misfit Ca ₃ Co ₄ O ₉ with elongated c-axis. Journal Physics D: Applied Physics, 2008, 41, 085414.	1.3	11
125	Some properties of lithium aluminium silicate (LAS) glass-ceramics used in glass-ceramic to metal compressive seal for vacuum applications. Journal of Physics: Conference Series, 2008, 114, 012042.	0.3	8
126	Nanogranular Fe-Cu-Ag Thin Films: Structure, Microstructure and Giant Magnetoresistance. Journal of Nanoscience and Nanotechnology, 2008, 8, 2964-2970.	0.9	2

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127	Interfacial synthesis of long polyindole fibers. Journal of Applied Polymer Science, 2007, 103, 595-599.	1.3	51
128	Calcium and oxygen doping in Y Ba ₂ Cu ₃ O _y . Solid State Communications, 2007, 141, 605-609.	0.9	16
129	Effect of Ni sublayer thickness on sliding wear characteristics of electrodeposited Ni/Cu multilayer coatings. Surface and Coatings Technology, 2007, 201, 7441-7448.	2.2	33
130	Growth of nanostructures of Zn/ZnO by thermal evaporation and their application for room-temperature sensing of H ₂ S gas. Applied Physics A: Materials Science and Processing, 2007, 87, 91-96.	1.1	39
131	Radiation effects on SBR-EPDM blends: A correlation with blend morphology. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 1676-1689.	2.4	29
132	Anisotropic electrical transport studies of Ca ₃ Co ₄ O ₉ single crystals grown by the flux method. Journal of Crystal Growth, 2005, 277, 246-251.	0.7	33
133	Ferromagnetic resonance studies of nanocrystalline La _{0.6} Pb _{0.4} MnO ₃ thin films. Materials Letters, 2005, 59, 728-733.	1.3	14
134	HgO-added YBa ₂ Cu ₃ O _{7-δ} superconductors. Pramana - Journal of Physics, 2004, 63, 233-237.	0.9	2
135	Growth and morphology of the single crystals of thermoelectric oxide material Na _x CoO ₂ . Crystal Research and Technology, 2004, 39, 572-576.	0.6	10
136	Studies on La _{2-x} Pr _x Ca _y Ba ₂ Cu _{4+y} O _z (x=0.1-0.5, y=2x) type mixed oxide superconductors. Solid State Communications, 2003, 128, 97-100.	0.9	7
137	Effect of Processing Parameters on the Superconductivity of HgO Added Y-123 Compound. Journal of Superconductivity and Novel Magnetism, 2002, 15, 563-566.	0.5	1
138	Magnetoresistance and magnetothermoelectric power of La _{0.5} Pb _{0.5} Mn _{1-x} CrxO ₃ . Physical Review B, 2001, 64, .	1.1	68