

Subray V Bhat

List of Publications by Year in descending order

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180
papers

3,597
citations

186265

28
h-index

168389

53
g-index

185
all docs

185
docs citations

185
times ranked

3788
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth of manganite nanoparticles with narrow size distribution using reverse micelle method. IOP Conference Series: Materials Science and Engineering, 2022, 1221, 012041.	0.6	1
2	Magnetic and electron paramagnetic resonance studies of $\text{Ln}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ (Ln = Pr, Bi) manganite. AIP Advances, 2021, 11, 015144.	1.3	3
3	Size dependence of charge order and magnetism in $\text{Sm}_{0.35}\text{Ca}_{0.65}\text{MnO}_3$. AIP Advances, 2021, 11, 025313.	1.3	2
4	Signatures of field-induced Berezinskii-Kosterlitz-Thouless correlations in the three-dimensional manganite $\text{Bi}_{0.5}\text{Sr}_{0.5}\text{Mn}_{0.9}\text{Cr}_{0.1}\text{O}_3$ Bulk Sample: Electron Paramagnetic Resonance and Magnetization Studies. Applied Magnetic Resonance, 2019, 50, 1049-1058.	1.2	2
5	Magnetic Field Induced Berezinskii-Kosterlitz-Thouless Correlations in 3-Dimensional Manganites. MRS Advances, 2020, 5, 2251-2260.	0.9	1
6	Investigations on Magnetization and Electron Magnetic Resonance Properties of $\text{Nd}_{0.65}\text{Ca}_{0.35}\text{Mn}_{1-x}\text{Zn}_x\text{O}_3$ ($x=0, 0.1, 0.3$) Nanomanganite. Applied Magnetic Resonance, 2019, 50, 1359-1368.	1.2	1
7	Occurrence of Mixed Phase in $\text{Bi}_{0.5}\text{Sr}_{0.5}\text{Mn}_{0.9}\text{Cr}_{0.1}\text{O}_3$ Bulk Sample: Electron Paramagnetic Resonance and Magnetization Studies. Applied Magnetic Resonance, 2019, 50, 1049-1058.	1.2	2
8	On exceeding the solubility limit of Cr ³⁺ dopants in SnO ₂ nanoparticles based dilute magnetic semiconductors. Journal of Applied Physics, 2018, 123, 161518.	2.5	9
9	Zinc doping effects on the magnetic properties of $\text{Nd}_{0.65}\text{Ca}_{0.35}\text{Mn}_{0.9}\text{Zn}_{0.1}\text{O}_3$ nanomanganite. International Journal of Nanotechnology, 2017, 14, 885.	0.2	2
10	Study of coexisting phases in Bi doped $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$. Journal of Magnetism and Magnetic Materials, 2016, 406, 22-29.	2.3	15
11	Temperature-Dependent Magnetic and EPR Studies of Bulk and Nanoparticles of $\text{Bi}_{0.1}\text{Ca}_{0.9}\text{MnO}_3$. Applied Magnetic Resonance, 2015, 46, 921-929.	1.2	0
12	An EPR primer. Resonance, 2015, 20, 1012-1016.	0.3	0
13	Investigation on two magnon scattering processes in pulsed laser deposited epitaxial nickel zinc ferrite thin film. Journal Physics D: Applied Physics, 2015, 48, 125004.	2.8	18
14	Electron Magnetic Resonance Studies of Nanosized $\text{Nd}_{0.65}\text{Ca}_{0.35}\text{Mn}_{1-x}\text{Cr}_x\text{O}_3$ ($x=0, 0.06, 0.1$) Manganite. Applied Magnetic Resonance, 2015, 46, 1059-1068.	1.2	3
15	Effect of Size Reduction on Magnetic Ordering in $\text{Sm}_{1-x}\text{Ca}_x\text{MnO}_3$ ($x=0.35, 0.65$ and 0.92) Manganites: Magnetic and EMR Studies. Applied Magnetic Resonance, 2015, 46, 967-976.	1.2	1
16	Size Dependent Magnetic Properties of $\text{Nd}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ Nanomanganite. IOP Conference Series: Materials Science and Engineering, 2015, 73, 012007.	0.6	4
17	Graphene scavenges free radicals to synergistically enhance structural properties in a gamma-irradiated polyethylene composite through enhanced interfacial interactions. Physical Chemistry Chemical Physics, 2015, 17, 22900-22910.	2.8	49
18	Disappearance of electron-hole asymmetry in nanoparticles of $\text{Nd}_{1-x}\text{Ca}_x\text{MnO}_3$ ($x=0.6, 0.4$): magnetization and electron paramagnetic resonance evidence. Journal of Applied Physics, 2015, 117, 17D514.	2.5	4

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19	Comparative study of magnetic ordering in bulk and nanoparticles of Sm _{0.65} Ca _{0.35} MnO ₃ : Magnetization and electron magnetic resonance measurements. Journal of Applied Physics, 2015, 117, 17E111.	2.5	2
20	New insights of superoxide dismutase inhibition of pyrogallol autoxidation. Molecular and Cellular Biochemistry, 2015, 400, 277-285.	3.1	41
21	Effect of size reduction on magnetic ordering in Bi _{0.2} Sr _{0.8} MnO ₃ . Journal of Applied Physics, 2014, 115, 17E130.	2.5	1
22	Role of Crystal Field in Mixed Alkali Metal Effect: Electron Paramagnetic Resonance Study of Mixed Alkali Metal Oxyfluoro Vanadate Glasses. Journal of Physical Chemistry A, 2014, 118, 573-578.	2.5	13
23	Role of silica nanoparticles in conductivity enhancement of nanocomposite solid polymer electrolytes: (PEGx NaBr): γSiO ₂ . Ionics, 2013, 19, 1375-1379.	2.4	19
24	Ferromagnetic Resonance Study on a Grid of Permalloy Nanowires. IEEE Transactions on Magnetics, 2013, 49, 3097-3100.	2.1	2
25	Investigating thermal stability of structural defects and its effect on d ferromagnetism in undoped SnO ₂ . Journal of Applied Physics, 2013, 113, .	2.5	82
26	Magnetization in electron- and Mn- doped SrTiO ₃ . Scientific Reports, 2013, 3, 1433.	3.3	23
27	FMR Investigations on Magnetic Anisotropy in Epitaxial Fe Films Grown on GaAs(001) by Pulsed Laser Deposition. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2799-2802.	1.8	2
28	Magnetocaloric effect and nature of magnetic transition in nanoscale Pr _{0.5} Ca _{0.5} MnO ₃ . Journal of Applied Physics, 2012, 112, .	2.5	10
29	Charge order suppression, emergence of ferromagnetism and absence of exchange bias effect in Bi _{0.25} Ca _{0.75} MnO ₃ nanoparticles: Electron paramagnetic resonance and magnetization studies. Journal of Applied Physics, 2012, 111, .	2.5	8
30	ZnO/Ag nanohybrid: synthesis, characterization, synergistic antibacterial activity and its mechanism. RSC Advances, 2012, 2, 930-940.	3.6	169
31	Oscillatory exchange bias and training effects in nanocrystalline Pr _{0.5} Ca _{0.5} MnO ₃ . AIP Advances, 2012, 2, .	1.3	12
32	Molecular Probe Dynamics Reveals Suppression of Ice-Like Regions in Strongly Confined Supercooled Water. PLoS ONE, 2012, 7, e44382.	2.5	16
33	Enhancement of uniaxial magnetic anisotropy in Fe thin films grown on GaAs(001) with an MgO underlayer. Journal of Applied Physics, 2011, 109, 07C114.	2.5	8
34	Tuning of dielectric properties and magnetism of SrTiO ₃ by site-specific doping of Mn. Physical Review B, 2011, 84, .	3.2	67
35	Electron paramagnetic resonance studies on Mn doped GaSb. Journal of Applied Physics, 2011, 109, .	2.5	1
36	Martensite-like transition and spin-glass behavior in nanocrystalline Pr _{0.5} Ca _{0.5} MnO ₃ . AIP Advances, 2011, 1, .	1.3	16

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37	Ba ₃ (P _{1-x} Mn _x O ₄) ₂ : Blue/green inorganic materials based on tetrahedral Mn(V). Bulletin of Materials Science, 2011, 34, 1257-1262.	1.7	28
38	Enhanced ionic conductivity in nano-composite solid polymer electrolyte: (PEG) x LiBr: y(SiO ₂). Ionics, 2011, 17, 21-27.	2.4	19
39	Studies on a nanocomposite solid polymer electrolyte with hydrotalcite as a filler. Solid State Ionics, 2010, 181, 964-970.	2.7	40
40	Synthesis, Structure, and Magnetic Properties of Amine-Templated Transition-Metal Phosphites. European Journal of Inorganic Chemistry, 2010, 2010, 1829-1838.	2.0	11
41	Contactless conductivity of nanoparticles from electron magnetic resonance lineshape analysis. Solid State Communications, 2010, 150, 1518-1520.	1.9	2
42	Coexistence of para and ferromagnetic phases of in undoped CdZnTe () crystals. Solid State Communications, 2010, 150, 2174-2177.	1.9	0
43	Probing the existing magnetic phases in Pr _{0.5} Ca _{0.5} MnO ₃ (PCMO) nanowires and nanoparticles: magnetization and magneto-transport investigations. Journal of Physics Condensed Matter, 2010, 22, 116004.	1.8	29
44	A new behaviour of ac losses in superconducting Bi ₂ Sr ₂ CaCu ₂ O ₈ single crystals. Journal of Physics Condensed Matter, 2009, 21, 045704.	1.8	0
45	Realizing the "hindered charge ordered phase"™ in nanoscale charge ordered manganites: magnetization, magneto-transport and EPR investigations. Journal of Physics Condensed Matter, 2009, 21, 196005.	1.8	27
46	ESR evidence for 2 coexisting liquid phases in deeply supercooled bulk water. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11448-11453.	7.1	71
47	Spin-Probe ESR Studies on Nanocomposite Polymer Electrolytes. Applied Magnetic Resonance, 2009, 36, 149-156.	1.2	1
48	EPR Evidence for Premonitory Charge-Ordering Fluctuations in Hydrothermally Grown Pr _{0.57} Ca _{0.41} Ba _{0.02} MnO ₃ Nanowires. Applied Magnetic Resonance, 2009, 36, 347-356.	1.2	2
49	The effect of composition, electron irradiation and quenching on ionic conductivity in a new solid polymer electrolyte: (PEG) x NH ₄ I. Pramana - Journal of Physics, 2009, 72, 555-568.	1.8	14
50	Fluorite and Mixed-Metal Kagome-Related Topologies in Metal-Organic Framework Compounds: Synthesis, Structure, and Properties. Chemistry - an Asian Journal, 2009, 4, 936-947.	3.3	14
51	Vitrification, relaxation and free volume in glycerol-water binary liquid mixture: Spin probe ESR studies. Journal of Non-Crystalline Solids, 2009, 355, 2433-2438.	3.1	17
52	Magnetization, magnetotransport and electron magnetic resonance studies of nanoparticles and nanowires of Pr _{0.5} Sr _{0.5} MnO ₃ . Journal Physics D: Applied Physics, 2009, 42, 075004.	2.8	41
53	Cr ³⁺ + electron paramagnetic resonance study of Sn _{1-x} Cr _x O ₂ (0.00 ≤ x ≤ 0.10). Journal of Applied Physics, 2009, 105, .	2.5	23
54	Study of effect of composition, irradiation and quenching on ionic conductivity in (PEG) x : NH ₄ NO ₃ solid polymer electrolyte. Bulletin of Materials Science, 2008, 31, 869-876.	1.7	8

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55	EPR Evidence for Premonitory Charge-Ordering Fluctuations in Nanomanganite Pr _{0.57} Ca _{0.41} Ba _{0.02} MnO ₃ . Applied Magnetic Resonance, 2008, 33, 127-136.	1.2	8
56	Charge-Ordered Antiferromagnetic to Ferromagnetic Phase Transition in Cr-Doped Nd _{0.5} Ca _{0.5} Mn ^x Cr _x O ₃ : EMR and Magnetization Study. Applied Magnetic Resonance, 2008, 33, 11-17.	1.2	3
57	Synthesis, Structure, and Magnetic Properties of a New Three-Dimensional Iron Phosphite, [C ₄ N ₂ H ₁₂][Fe ₄ (H ₂ O) ₃ (HPO ₃) ₇]. Journal of Inorganic Chemistry, 2008, 2008, 1386-1391.		
58	Spin probe ESR studies of dynamics of single walled carbon nanotubes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 69, 1178-1182.	3.9	7
59	Dielectric properties, thermal decomposition and related aspects of BiAlO ₃ . Solid State Communications, 2008, 146, 435-437.	1.9	28
60	Magnetic, electron magnetic resonance and optical studies of Pr _{0.7} Pb _{0.3} MnO ₃ nanoparticles. Journal Physics D: Applied Physics, 2008, 41, 155011.	2.8	10
61	Electron paramagnetic resonance studies on multiferroic DyMnO ₃ and Dy _{0.5} Sr _{0.5} MnO ₃ . Journal of Applied Physics, 2008, 104, .	2.5	18
62	Complete 'Melting' of Charge Order in Hydrothermally Grown Pr _{0.57} Ca _{0.41} Ba _{0.02} MnO ₃ Nanowires. Journal of Nanoscience and Nanotechnology, 2007, 7, 1775-1778.	0.9	15
63	Preparation, Characterization, and Magnetic Studies of Bi _{0.5} X _{0.5} (X = Ca, Sr)MnO ₃ Nanoparticles. Journal of Nanoscience and Nanotechnology, 2007, 7, 2025-2028.	0.9	9
64	Surface-Enhanced Raman Spectra of Aza-aromatics on Nanocrystals of Metallic ReO ₃ . Journal of Physical Chemistry C, 2007, 111, 5689-5693.	3.1	17
65	Synthesis and optical properties of In-doped GaN nanocrystals. Solid State Communications, 2007, 141, 325-328.	1.9	12
66	EPR studies on single crystals of. Physica B: Condensed Matter, 2007, 398, 107-111.	2.7	3
67	Studies on ac losses in Bi ₂ Sr ₂ CaCu ₂ O ₈ single crystals. Physica C: Superconductivity and Its Applications, 2007, 460-462, 719-721.	1.2	0
68	A Study of Mn ²⁺ Doping in CdS Nanocrystals. Chemistry of Materials, 2007, 19, 3252-3259.	6.7	138
69	Suppression of charge order, disappearance of antiferromagnetism, and emergence of ferromagnetism in Nd _{0.5} Ca _{0.5} MnO ₃ nanoparticles. Physical Review B, 2006, 74, .	3.2	145
70	Equipartition of current in parallel conductors on cooling through the superconducting transition. Journal of Physics Condensed Matter, 2006, 18, L143-L147.	1.8	1
71	Optical spectroscopic studies of composites of conducting PANI with CdSe and ZnO nanocrystals. Chemical Physics Letters, 2006, 433, 154-158.	2.6	23
72	Anomalous spin dynamics in the charge-ordered two-electron doped manganite Ca _{0.9} Ce _{0.1} MnO ₃ : Possibility of a spin-liquid phase. Physical Review B, 2006, 73, .	3.2	8

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73	Effect of sintering temperature on electrical transport properties of La _{0.67} Ca _{0.33} MnO ₃ . Physica B: Condensed Matter, 2005, 357, 370-379.	2.7	122
74	Tuning the bandgap of ZnO by substitution with Mn ²⁺ , Co ²⁺ and Ni ²⁺ . Solid State Communications, 2005, 135, 345-347.	1.9	206
75	Apparatus for nonresonant rf power absorption studies in high T _c superconductors and CMR materials using rf oscillators. Review of Scientific Instruments, 2005, 76, 023905.	1.3	6
76	Weakening of charge order and antiferromagnetic to ferromagnetic switch over in Pr _{0.5} Ca _{0.5} MnO ₃ nanowires. Applied Physics Letters, 2005, 87, 182503.	3.3	115
77	Vitrification and Glass Transition of Water: Insights from Spin Probe ESR. Physical Review Letters, 2005, 95, 235702.	7.8	68
78	Electron spin resonance studies in the doped polyaniline PANI-AMPSA: Evidence for local ordering from linewidth features. Physical Review B, 2005, 72, .	3.2	21
79	Frequent Josephson junction decoupling is the main origin of ac losses in the superconducting state. Journal of Applied Physics, 2005, 98, 073906.	2.5	4
80	An electron paramagnetic resonance study of electron "hole asymmetry in charge ordered Pr _{1-x} Ca _x MnO ₃ (x= 0.64, 0.36). Journal of Physics Condensed Matter, 2004, 16, 2869-2878.	1.8	19
81	Spin probe ESR studies of PEG _x LiClO ₄ polymer electrolyte systems. Ionics, 2004, 10, 139-141.	2.4	6
82	Charge ordering and antiferromagnetic transitions in Nd _x Ca _{1-x} MnO ₃ (x=0.2,0.3) manganites. Physica B: Condensed Matter, 2004, 349, 35-43.	2.7	5
83	Large enhancement of the ionic conductivity in an electron-beam-irradiated [poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 42, 1299-1311.	2.1	19
84	Rapid screening for HIV-1 protease inhibitor leads through X-ray diffraction. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 594-596.	2.5	7
85	An electron paramagnetic resonance study of phase segregation in Nd _{0.5} Sr _{0.5} MnO ₃ . Journal of Magnetism and Magnetic Materials, 2004, 279, 91-102.	2.3	17
86	On the analysis of broad Dysonian electron paramagnetic resonance spectra. Journal of Magnetic Resonance, 2004, 168, 284-287.	2.1	106
87	Increased lithium-ion conductivity in (PEG) ₄₆ LiClO ₄ solid polymer electrolyte with $\hat{\gamma}$ -Al ₂ O ₃ nanoparticles. Journal of Power Sources, 2004, 129, 280-287.	7.8	61
88	Morphology and conductivity studies of a new solid polymer electrolyte: (PEG) _x LiClO ₄ . Bulletin of Materials Science, 2003, 26, 707-714.	1.7	81
89	Color center formation in sapphire by swift heavy ion irradiation. Radiation Measurements, 2003, 36, 723-727.	1.4	25
90	Dense electronic excitation induced defects in fused silica. Journal Physics D: Applied Physics, 2003, 36, 3151-3155.	2.8	31

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91	Magnetic study of an amorphous conducting polyaniline. Applied Physics Letters, 2003, 82, 1733-1735.	3.3	18
92	Optical and Magnetic Properties of Manganese-Doped Zinc Sulfide Nanoclusters. Journal of Nanoscience and Nanotechnology, 2003, 3, 392-400.	0.9	39
93	Faraday: Father of electromagnetism. Resonance, 2002, 7, 46-50.	0.3	1
94	Non-resonant microwave absorption studies of superconducting MgB ₂ and MgB ₂ + MgO. Pramana - Journal of Physics, 2002, 58, 361-369.	1.8	2
95	Enhanced lithium-ion transport in PEG-based composite polymer electrolyte with Mn _{0.03} Zn _{0.97} Al ₂ O ₄ nanoparticles. Solid State Ionics, 2002, 154-155, 21-27.	2.7	17
96	Electron paramagnetic resonance studies of the insulating ferromagnetic manganite Nd _{0.8} Pb _{0.2} MnO ₃ above the transition temperature. Solid State Communications, 2002, 123, 379-382.	1.9	6
97	EXPLORATORY NMR IMAGING EXPERIMENTS TO DETERMINE THE POSSIBILITY OF A PERCOLATING MECHANISM IN PLASTICIZED POLYMER ELECTROLYTES. , 2002, , .		0
98	Temperature-dependent electron paramagnetic resonance studies of charge-ordered Nd _{0.5} Ca _{0.5} MnO ₃ . Physical Review B, 2001, 65, .	3.2	93
99	Stable ground states for $\hat{\mu}^i = i\epsilon$ in double Josephson junction superconducting loops. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1671-1672.	1.2	0
100	Non-resonant microwave absorption evidence for intrinsic Josephson coupling in Tl ₂ Ba ₂ CaCu ₂ O ₈ single crystals. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1229-1230.	1.2	1
101	ESR evidence for mirror symmetry conservation during radiation damage of X-irradiated single crystals of KClO ₄ . Applied Magnetic Resonance, 2000, 19, 111-120.	1.2	1
102	An electron paramagnetic resonance study of Pr _{0.6} Ca _{0.4} MnO ₃ across the charge-ordering transition. Journal of Physics Condensed Matter, 2000, 12, 6919-6926.	1.8	33
103	Influence of cobalt doping on superconducting transition in as-grown YBCO single crystals. Solid State Communications, 1999, 109, 333-338.	1.9	8
104	Electron spin resonance absorption in organic metal polyaniline and its blend with PMMA. Solid State Communications, 1999, 110, 503-508.	1.9	17
105	Effects of a plasticizer on protonic conductivity of polymer electrolyte (PEG)100NH ₄ ClO ₄ . Solid State Ionics, 1999, 122, 291-299.	2.7	21
106	VTF to Arrhenius crossover in temperature dependence of conductivity in (PEG) _x NH ₄ ClO ₄ polymer electrolyte. Journal of Polymer Science, Part B: Polymer Physics, 1998, 36, 1201-1209.	2.1	36
107	Electron spin resonance study on high energy heavy ion irradiated conducting carbon films. Solid State Communications, 1998, 105, 543-546.	1.9	8
108	Possible non-resonant r.f. absorption evidence for superconducting fluctuations above TC in Bi ₂ Sr ₂ CaCu ₂ O ₈ single crystals. Solid State Communications, 1998, 107, 373-378.	1.9	2

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109	Vortex dynamics at rf frequencies in Bi ₂ Sr ₂ CaCu ₂ O ₈ single crystals. Physica C: Superconductivity and Its Applications, 1998, 297, 253-261.	1.2	3
110	Suppressed rf dissipation in 107Ag ¹⁷⁺ ion irradiated Bi ₂ Sr ₂ CaCu ₂ O ₈ single crystals by enhanced flux line tilt modulus. Applied Physics Letters, 1998, 72, 2325-2327.	3.3	1
111	Competition between Josephson and electromagnetic interactions in single crystals. Superconductor Science and Technology, 1998, 11, 1372-1380.	3.5	0
112	Oxygen displacement in a 107Ag ¹⁷⁺ ion irradiated Bi ₂ Sr ₂ CaCu ₂ O ₈ single crystal. Applied Physics Letters, 1997, 71, 1576-1578.	3.3	4
113	An electron spin-resonance study of radicals in single crystals. Journal of Physics Condensed Matter, 1997, 9, 3219-3226.	1.8	6
114	Non-resonant rf absorption evidence for reentrant melting of vortex lattice in Bi ₂ Sr ₂ CaCu ₂ O ₈ single crystals. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1975-1976.	1.2	2
115	Superconducting YBa ₂ Cu ₃ O _{7-δ} thick films on Ba ₂ RETaO ₆ (RE = Pr, Nd, Eu, and Dy) substrates. Journal of Superconductivity and Novel Magnetism, 1997, 10, 193-197.	0.5	5
116	Effects of granularity on magnetic field dependent microwave response and surface degradation in thin films of YBa ₂ Cu ₃ O _{7-δ} . Solid State Communications, 1996, 98, 77-81.	1.9	3
117	Phase reversal of non-resonant microwave absorption in superconducting powder mixtures. Solid State Communications, 1996, 99, 665-668.	1.9	1
118	Ionic transport in (PEG) _x LiBr systems. Solid State Ionics, 1996, 85, 187-192.	2.7	1
119	¹ H MAS NMR study of protonic conduction in layered HNbWO ₆ · xH ₂ O (x = 1.5, 0.5). Solid State Ionics, 1996, 86-88, 609-611.	2.7	1
120	Mechanism of protonic conduction in defect pyrochlore HNbWO ₆ · xH ₂ O using MAS NMR. Solid State Ionics, 1996, 86-88, 665-668.	2.7	5
121	Concentration-dependent NMR and conductivity studies of (PEG) _x NH ₄ ClO ₄ . Solid State Ionics, 1996, 92, 261-264.	2.7	16
122	Nonresonant microwave absorption study of intrinsic Josephson coupling in Bi ₂ Sr ₂ CaCu ₂ O ₈ single crystals. Physical Review B, 1996, 53, 9366-9370.	3.2	17
123	(PEG) _x NH ₄ ClO ₄ : a new polymeric fast proton conductor. Bulletin of Materials Science, 1995, 18, 917-920.	1.7	1
124	Nonresonant microwave absorption studies of surface passivation of superconducting YBa ₂ Cu ₃ O _{7-δ} thin films. Applied Physics Letters, 1995, 66, 1995-1997.	3.3	16
125	Irreversibility line and the hierarchy of weak links in Bi ₂ Sr ₂ CaCu ₂ O ₈ . Physical Review B, 1995, 51, 8521-8528.	3.2	16
126	Low temperature ¹ H NMR relaxation studies of phase transitions in dicalcium barium propionate. Phase Transitions, 1995, 54, 227-233.	1.3	0

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127	Paramagnetic Meissner effect in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$: A non-resonant microwave absorption study. World Scientific Series in 20th Century Chemistry, 1995, 607-612.	0.0	0
128	Chemical shift spectroscopy of protonic conduction in layered and defect pyrochlore $\text{HNbWO}_6 \cdot x\text{H}_2\text{O}$. Chemical Physics Letters, 1994, 231, 487-490.	2.6	3
129	Paramagnetic Meissner effect in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. Physica C: Superconductivity and Its Applications, 1994, 219, 87-92.	1.2	21
130	Surface barrier effects in non-resonant microwave absorption by thin superconducting films of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. Physica C: Superconductivity and Its Applications, 1994, 234, 229-231.	1.2	6
131	Surface barrier effects in non-resonant microwave absorption by superconducting thin films of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. Physica C: Superconductivity and Its Applications, 1994, 235-240, 2056-2057.	1.2	1
132	Role of magnetic field modulation in causing the fine structure of non-resonant microwave/rf absorption in HTSC. Physica C: Superconductivity and Its Applications, 1994, 235-240, 2058-2059.	1.2	0
133	Frequency modulated non-resonant r.f. and microwave absorption in high- T_c superconductors. Solid State Communications, 1994, 89, 633-635.	1.9	5
134	Anomalous d.c. field dependence of non-resonant r.f. absorption at high r.f. fields in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ powders. Solid State Communications, 1994, 89, 375-378.	1.9	9
135	An electron spin resonance study of Mn^{2+} doped calcium hydrazine carboxylate monohydrate. Bulletin of Materials Science, 1994, 17, 1131-1141.	1.7	2
136	Non-resonant RF and microwave response: A novel technique for the characterization of superconducting materials. Bulletin of Materials Science, 1994, 17, 1271-1285.	1.7	0
137	Line shapes of field-dependent nonresonant microwave and rf absorption in high- T_c superconductors. Journal of Applied Physics, 1994, 75, 4131-4136.	2.5	23
138	Investigation of the $(\text{PEG})_x\text{LiCl}$ system using conductivity, DSC and NMR techniques. Solid State Ionics, 1993, 67, 97-105.	2.7	21
139	Molecular ferromagnetism in $\text{C}_6\text{O}_4\text{TDAE}$. Solid State Communications, 1993, 85, 971-974.	1.9	46
140	Critical current densities of high pressure oxygen sputtered thin films of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ by non-resonant rf absorption method. Pramana - Journal of Physics, 1993, 40, 119-122.	1.8	4
141	Critical-current variation with Pr content in $\text{Y}_{1-x}\text{Pr}_x\text{Ba}_2\text{Cu}_3\text{O}_7$ epitaxial films. Physical Review B, 1993, 48, 6465-6469.	3.2	7
142	Electron paramagnetic resonance study of porous silicon. Applied Physics Letters, 1992, 60, 2116-2117.	3.3	25
143	NMR study of fast protonic conduction in layered $\text{HLa}_2\text{NbTi}_2\text{O}_{10} \cdot 1.5\text{H}_2\text{O}$. Solid State Ionics, 1992, 58, 303-309.	2.7	19
144	Growth and extraction of flux free YBCO crystals. Journal of Crystal Growth, 1992, 121, 531-535.	1.5	8

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145	Critical current density measurements of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ thin films by non-resonant r.f. absorption method. <i>Solid State Communications</i> , 1991, 79, 713-716.	1.9	9
146	Protonic conductivity of $(\text{NH}_4)_4\text{Fe}(\text{CN})_6 \cdot 1.5\text{H}_2\text{O}$ by complex admittance method. <i>Solid State Ionics</i> , 1991, 48, 271-275.	2.7	3
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