

Pratap Raychaudhuri

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144
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ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
144	Interfacial chemistry of Alq3 and LiF with reactive metals. <i>Journal of Applied Physics</i> , 2001 , 89, 2756-2765.	2.5	313
143	Application of an ultrathin LiF/Al bilayer in organic surface-emitting diodes. <i>Applied Physics Letters</i> , 2001 , 78, 544-546	3.4	273
142	Direct observation of electron doping in La _{0.7} Ce _{0.3} MnO ₃ using x-ray absorption spectroscopy. <i>Physical Review B</i> , 2003 , 67,	3.3	168
141	Observation of minority spin character of the new electron doped manganite La _{0.7} Ce _{0.3} MnO ₃ from tunneling magnetoresistance. <i>Physical Review Letters</i> , 2003 , 90, 017202	7.4	138
140	Role of critical current on the point-contact Andreev reflection spectra between a normal metal and a superconductor. <i>Physical Review B</i> , 2004 , 69,	3.3	137
139	Enhanced room-temperature magnetoresistance in La _{0.7} Sr _{0.3} MnO ₃ -glass composites. <i>Applied Physics Letters</i> , 2001 , 78, 362-364	3.4	133
138	Superconducting properties and Hall effect of epitaxial NbN thin films. <i>Physical Review B</i> , 2008 , 77,	3.3	132
137	Phase fluctuations in a strongly disordered s-wave NbN superconductor close to the metal-insulator transition. <i>Physical Review Letters</i> , 2011 , 106, 047001	7.4	129
136	Mechanism of the size dependence of the superconducting transition of nanostructured Nb. <i>Physical Review Letters</i> , 2005 , 95, 147003	7.4	115
135	Spin-polarized tunneling in the half-metallic ferromagnets La _{0.7} HoxSr _{0.3} MnO ₃ (x=0 and 0.15): Experiment and theory. <i>Physical Review B</i> , 1999 , 59, 13919-13926	3.3	113
134	p-n diode with hole- and electron-doped lanthanum manganites. <i>Applied Physics Letters</i> , 2001 , 79, 2408-2410	3.4	110
133	Growth of epitaxial and polycrystalline thin films of the electron doped system La _{1-x} CexMnO ₃ through pulsed laser deposition. <i>Journal of Applied Physics</i> , 2001 , 89, 524-530	2.5	104
132	The Higgs mode in disordered superconductors close to a quantum phase transition. <i>Nature Physics</i> , 2015 , 11, 188-192	16.2	101
131	A phenomenological model for magnetoresistance in granular polycrystalline colossal magnetoresistive materials: The role of spin polarized tunneling at the grain boundaries. <i>Journal of Applied Physics</i> , 1998 , 84, 2048-2052	2.5	95
130	Phase diagram of the strongly disordered s-wave superconductor NbN close to the metal-insulator transition. <i>Physical Review B</i> , 2012 , 85,	3.3	82
129	Sensitivity to disorder of the metallic state in the ruthenates. <i>Physical Review Letters</i> , 2002 , 88, 076602	7.4	82
128	Transport and magnetic properties of laser ablated La _{0.7} Ce _{0.3} MnO ₃ films on LaAlO ₃ . <i>Journal of Applied Physics</i> , 1999 , 86, 5718-5725	2.5	79

127	Measurement of magnetic penetration depth and superconducting energy gap in very thin epitaxial NbN films. <i>Applied Physics Letters</i> , 2010 , 96, 072509	3.4	74
126	Emergence of nanoscale inhomogeneity in the superconducting state of a homogeneously disordered conventional superconductor. <i>Scientific Reports</i> , 2013 , 3, 2979	4.9	62
125	Upper critical field in nanostructured Nb: Competing effects of the reduction in density of states and the mean free path. <i>Physical Review B</i> , 2006 , 74,	3.3	57
124	Phase diagram and Hall effect of the electron doped manganite $\text{La}_{1-x}\text{Ce}_x\text{MnO}_3$. <i>Journal of Applied Physics</i> , 2003 , 93, 8328-8330	2.5	54
123	Andreev bound state and multiple energy gaps in the noncentrosymmetric superconductor BiPd. <i>Physical Review B</i> , 2012 , 86,	3.3	50
122	Transport spin polarization in SrRuO ₃ measured through point-contact Andreev reflection. <i>Physical Review B</i> , 2003 , 67,	3.3	48
121	Role of the vortex-core energy on the Berezinskii-Kosterlitz-Thouless transition in thin films of NbN. <i>Physical Review Letters</i> , 2011 , 107, 217003	7.4	47
120	Critical behavior in $\text{La}_{0.5}\text{Sr}_{0.5}\text{CoO}_3$. <i>Physical Review B</i> , 2000 , 61, 8651-8653	3.3	46
119	Universal scaling of the order-parameter distribution in strongly disordered superconductors. <i>Physical Review B</i> , 2013 , 87,	3.3	41
118	Evidence of gap anisotropy in superconducting YNi ₂ B ₂ C using directional point-contact spectroscopy. <i>Physical Review Letters</i> , 2004 , 93, 156802	7.4	41
117	Magnetic-field dependence of superconducting energy gaps in YNi ₂ B ₂ C: Evidence of multiband superconductivity. <i>Physical Review B</i> , 2005 , 72,	3.3	40
116	Photoemission and x-ray absorption spectroscopy study of electron-doped colossal magnetoresistive manganite $\text{La}_{0.7}\text{Ce}_{0.3}\text{MnO}_3$ films. <i>Physical Review B</i> , 2004 , 69,	3.3	39
115	Low-temperature transport anomaly in the magnetoresistive compound $(\text{La}_{0.5}\text{Pr}_{0.2})\text{Ba}_{0.3}\text{MnO}_3$. <i>Physical Review B</i> , 2005 , 71,	3.3	39
114	Tunneling studies in a homogeneously disordered s-wave superconductor: NbN. <i>Physical Review B</i> , 2009 , 79,	3.3	38
113	Enhancement of the finite-frequency superfluid response in the pseudogap regime of strongly disordered superconducting films. <i>Scientific Reports</i> , 2013 , 3, 1357	4.9	33
112	Temperature dependence of resistivity and Hall coefficient in strongly disordered NbN thin films. <i>Physical Review B</i> , 2009 , 80,	3.3	32
111	Competing effects of surface phonon softening and quantum size effects on the superconducting properties of nanostructured Pb. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 205702	1.8	31
110	The metal - insulator transition and ferromagnetism in the electron-doped layered manganites ($x=0, 0.3, 0.5$). <i>Journal of Physics Condensed Matter</i> , 1998 , 10, L191-L198	1.8	30

109	Size induced metal-insulator transition in nanostructured niobium thin films: intra-granular and inter-granular contributions. <i>Journal of Physics Condensed Matter</i> , 2006 , 18, 4553-4566	1.8	27
108	Evolution of transport and magnetic properties with dysprosium doping in $\text{La}_{0.7}\text{Dy}_x\text{Sr}_{0.3}\text{MnO}_3$ ($x=0\bar{0}.4$). <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 192, 130-136	2.8	26
107	Anomalous gap-edge dissipation in disordered superconductors on the brink of localization. <i>Physical Review B</i> , 2016 , 93,	3.3	25
106	Disordering of the vortex lattice through successive destruction of positional and orientational order in a weakly pinned $\text{Co}_{0.0075}\text{NbSe}_2$ single crystal. <i>Scientific Reports</i> , 2015 , 5, 10613	4.9	25
105	Substrate effect on electrical transport properties of RNiO_3 thin films prepared by pulsed laser deposition. <i>Journal Physics D: Applied Physics</i> , 2006 , 39, 5310-5315	3	25
104	Correlated conductance fluctuations close to the Berezinskii-Kosterlitz-Thouless transition in ultrathin NbN films. <i>Physical Review Letters</i> , 2013 , 111, 197001	7.4	24
103	Vortex matching effect in engineered thin films of NbN. <i>Applied Physics Letters</i> , 2009 , 94, 262501	3.4	24
102	Andreev reflection near the Dirac point at the graphene-NbSe ₂ junction. <i>Physical Review B</i> , 2016 , 94,	3.3	24
101	200 MeV silver ion irradiation induced structural modification in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ thin films at 89 K: An in situ x-ray diffraction study. <i>Journal of Applied Physics</i> , 2009 , 106, 053912	2.5	22
100	CeMnNi ₄ : A soft ferromagnet with a high degree of transport spin polarization. <i>Applied Physics Letters</i> , 2006 , 88, 022506	3.4	22
99	Pulsed laser deposition of NdNiO_3 thin films. <i>Solid State Communications</i> , 2005 , 136, 369-374	1.6	21
98	The effect of holmium doping on the magnetic and transport properties of. <i>Journal of Physics Condensed Matter</i> , 1997 , 9, 10919-10927	1.8	20
97	Point defect creation by low fluence swift heavy ion irradiation-induced low energy electrons in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Superconductor Science and Technology</i> , 2008 , 21, 085016	3.1	20
96	Non-intrinsic superconductivity in InN epilayers: Role of Indium Oxide. <i>Solid State Communications</i> , 2008 , 146, 361-364	1.6	19
95	Phase Diagram and Upper Critical Field of Homogeneously Disordered Epitaxial 3-Dimensional NbN Films. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011 , 24, 341-344	1.5	18
94	Magnetotransport properties of a room temperature rectifying tunnel junction made of electron and hole doped manganites. <i>Journal of Applied Physics</i> , 2002 , 91, 7715	2.5	18
93	Melting of the Vortex Lattice through Intermediate Hexatic Fluid in an a-MoGe Thin Film. <i>Physical Review Letters</i> , 2019 , 122, 047001	7.4	17
92	Magnetic field induced emergent inhomogeneity in a superconducting film with weak and homogeneous disorder. <i>Physical Review B</i> , 2017 , 96,	3.3	17

91	High spin polarization in the ferromagnetic filled skutterudites KFe_4Sb_{12} and $NaFe_4Sb_{12}$. <i>Physical Review B</i> , 2005 , 72,	3.3	16
90	Inter-Landau-level Andreev Reflection at the Dirac Point in a Graphene Quantum Hall State Coupled to a $NbSe_2$ Superconductor. <i>Physical Review Letters</i> , 2018 , 121, 086809	7.4	15
89	A 350 mK, 9 T scanning tunneling microscope for the study of superconducting thin films on insulating substrates and single crystals. <i>Review of Scientific Instruments</i> , 2013 , 84, 123905	1.7	15
88	Temperature dependence of transport spin polarization in $NdNi_5$ from point-contact Andreev reflection. <i>Physical Review B</i> , 2007 , 75,	3.3	15
87	Disorder-induced two-step melting of vortex matter in Co-intercalated $NbSe_2$ single crystals. <i>Physical Review B</i> , 2016 , 93,	3.3	14
86	Slowing down of vortex motion at the Berezinskii-Kosterlitz-Thouless transition in ultrathin NbN films. <i>Physical Review B</i> , 2015 , 91,	3.3	11
85	Quantum Phase Transition in Few-Layer $NbSe_2$ Probed through Quantized Conductance Fluctuations. <i>Physical Review Letters</i> , 2017 , 119, 226802	7.4	11
84	Anomalous bias dependence of tunnel magnetoresistance in a magnetic tunnel junction. <i>Applied Physics Letters</i> , 2005 , 86, 152108	3.4	11
83	Nonlinear $I-V$ characteristics of two-dimensional superconductors: Berezinskii-Kosterlitz-Thouless physics versus inhomogeneity. <i>Physical Review B</i> , 2019 , 100,	3.3	10
82	A two-coil mutual inductance technique to study matching effect in disordered NbN thin films. <i>Applied Physics Letters</i> , 2013 , 103, 262601	3.4	10
81	Synthesis of nanodimensional TiO_2 thin films. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 4231-4237	1.7	10
80	Peak effect in a superconducting $DyBa_2Cu_3O_{7-x}$ film at microwave frequencies. <i>Physical Review B</i> , 2001 , 63,	3.3	10
79	Evolution of superconducting properties with disorder in epitaxial NbN films. <i>Journal of Physics: Conference Series</i> , 2009 , 150, 052035	0.3	9
78	Study of $CeNi_4Mn$ by neutron diffraction. <i>Solid State Communications</i> , 2007 , 141, 160-163	1.6	9
77	Comment on "Spectroscopic evidence for multiple order parameters in the heavy fermion superconductor $CeCoIn_5$ ". <i>Physical Review Letters</i> , 2006 , 96, 259701; author reply 259703	7.4	9
76	Formation of nanocrystalline TiO_2 by 100 MeV Au^{8+} . <i>Applied Surface Science</i> , 2009 , 255, 8935-8940	6.7	8
75	Spin polarised tunnelling in granular polycrystalline colossal magnetoresistive manganites. <i>Physica B: Condensed Matter</i> , 1999 , 259-261, 812-813	2.8	8
74	TIME VARIATIONS IN KAMIOKANDE SOLAR NEUTRINO DATA. <i>Modern Physics Letters A</i> , 1991 , 06, 2003-2007	0.7	8

73	Correlation between effects of electric current and magnetic field on transport properties of electron-doped manganite $\text{La}_{0.7}\text{Ce}_{0.3}\text{MnO}_3$ thin films. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 382202	1.8	7
72	Dynamic transition from Mott-like to metal-like state of the vortex lattice in a superconducting film with a periodic array of holes. <i>Physical Review B</i> , 2017 , 95,	3.3	6
71	Highly oriented, free-standing, superconducting NbN films growth on chemical vapor deposited graphene. <i>APL Materials</i> , 2014 , 2, 056103	5.7	6
70	Understanding the role of structural disorder on spin polarization in CeMnNi_4 using XAFS. <i>Physical Review B</i> , 2010 , 82,	3.3	6
69	Electroresistive effects in electron doped manganite $\text{La}_{0.7}\text{Ce}_{0.3}\text{MnO}_3$ thin films. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 046208	1.8	6
68	Bandwidth control effects in electron doped manganite $\text{La}_{0.7}\text{Y}_x\text{Ce}_{0.3}\text{MnO}_3$ thin films. <i>Solid State Communications</i> , 2006 , 138, 549-552	1.6	6
67	Magnetic and transport properties of the electron doped layered manganite $\text{La}_{2.3}\text{Y}_x\text{Ca}_{0.7}\text{Mn}_2\text{O}_7$. <i>Physica B: Condensed Matter</i> , 1999 , 259-261, 835-836	2.8	6
66	SOLAR NEUTRINO FLUX AND SUNSPOT DATA. <i>Modern Physics Letters A</i> , 1988 , 03, 1319-1322	1.3	6
65	Superconductivity in immiscible NbCu nanocomposite films. <i>Superconductor Science and Technology</i> , 2017 , 30, 055005	3.1	5
64	Upper Critical Field and Coherence Length of Homogenously Disordered Epitaxial 3-Dimensional NbN Films 2011 ,		5
63	Evidence of multiband superconductivity in the quaternary borocarbide superconductor $\text{YNi}_2\text{B}_2\text{C}$ using directional point-contact spectroscopy. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 95-98	1.3	5
62	Critical current in a spin injection device. <i>Journal of Applied Physics</i> , 2001 , 89, 7502-7504	2.5	5
61	Extreme sensitivity of the vortex state in a-MoGe films to radio-frequency electromagnetic perturbation. <i>Physical Review B</i> , 2019 , 100,	3.3	5
60	Quantum critical magnetotransport at a continuous metal-insulator transition. <i>Physical Review B</i> , 2017 , 96,	3.3	4
59	Effect of dimensionality on the vortex dynamics in a type-II superconductor. <i>Physical Review B</i> , 2019 , 100,	3.3	4
58	Formation of epitaxial and polycrystalline films of the electron doped system $\text{La}_{1-x}\text{Ce}_x\text{MnO}_3$ through pulsed laser deposition. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 809-811	2.8	4
57	Peak effect in laser ablated $\text{DyBa}_2\text{Cu}_3\text{O}_{7-x}$ films at microwave frequencies at subcritical currents. <i>Journal of Applied Physics</i> , 2001 , 89, 7490-7492	2.5	4
56	Coplanar cavity for strong coupling between photons and magnons in van der Waals antiferromagnet. <i>Applied Physics Letters</i> , 2020 , 117, 263101	3.4	4

55	Robust pseudogap across the magnetic field driven superconductor to insulator-like transition in strongly disordered NbN films. <i>European Physical Journal B</i> , 2019 , 92, 1	1.2	3
54	Collective flux pinning in hexatic vortex fluid in a-MoGe thin film. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 075601	1.8	3
53	Effect of Pt doping on the critical temperature and the upper critical field in YNi ₂ Pt _x B ₂ C for doping range 0. <i>Physical Review B</i> , 2009 , 79,	3.3	3
52	Selective disorder in the CuO basal planes of YBa ₂ Cu ₃ O _{7-δ} by swift heavy ion induced secondary electrons. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010 , 268, 3325-3330	1.2	3
51	Multi-vortex versus interstitial vortices scenario in superconducting antidot arrays. <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, 1112-1114	1.3	3
50	Critical current of a superconductor measured via injection of spin-polarized carriers. <i>Journal of Physics Condensed Matter</i> , 2000 , 12, 9933-9940	1.8	3
49	Interesting history effect in the magnetotransport properties of La _{0.55} Ho _{0.15} Sr _{0.3} MnO ₃ films on LaAlO ₃ . <i>Solid State Communications</i> , 1999 , 112, 423-427	1.6	3
48	TIME VARIATION OF SOLAR NEUTRINO FLUX. <i>Modern Physics Letters A</i> , 1993 , 08, 1961-1968	1.3	3
47	Periodicities in Forbush decreases and solar activity. <i>Solar Physics</i> , 1994 , 153, 445-448	2.6	3
46	SOLAR NEUTRINO FLUX VARIATION AND NEUTRINO MAGNETIC MOMENT. <i>Modern Physics Letters A</i> , 1989 , 04, 111-114	1.3	3
45	Role of antisite disorder, electron-electron correlations, and a surface valence transition in the electronic structure of CeMnNi ₄ . <i>Physical Review B</i> , 2019 , 99,	3.3	3
44	Origin of matching effect in anti-dot array of superconducting NbN thin films. <i>Superconductor Science and Technology</i> , 2015 , 28, 055007	3.1	2
43	Signatures of two-step impurity-mediated vortex lattice melting in Bose-Einstein condensates. <i>Europhysics Letters</i> , 2018 , 123, 20004	1.6	2
42	Superconductivity at the highest transition temperature of 8.1 K in a simple cubic Au _x Sb _{1-x} Te alloy system synthesized under high pressure. <i>Superconductor Science and Technology</i> , 2014 , 27, 025005	3.1	2
41	Observation of vortex matching phenomena in antidot arrays of NbN thin films. <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S873-S874	1.3	2
40	Microwave surface resistance in Lu _{1-x} Pr _x Ba ₂ Cu ₃ O _{7-δ} thin films. <i>Solid State Communications</i> , 1997 , 102, 409-412	1.6	2
39	Study of spin fluctuations in Ni _{3-x} Al _{1+x} using point contact Andreev reflection spectroscopy. <i>Applied Physics Letters</i> , 2008 , 93, 102502	3.4	2
38	Transport and magnetoresistive properties of an imperfect ferromagnet/insulator/ferromagnet trilayer junction. <i>Solid State Communications</i> , 2001 , 117, 609-613	1.6	2

37	Anomalous magnetic behavior in holmium doped La _{0.7} Sr _{0.3} MnO ₃ film. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 840-842	2.8	2
36	Dual parton model and the photoproduction of pseudoscalar and vector mesons in the high energy region. <i>Annals of Physics</i> , 1973 , 80, 142-156	2.5	2
35	Orientalional coupling between the vortex lattice and the crystalline lattice in a weakly pinned Co(0.0075)NbSe ₂ single crystal. <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 165701	1.8	2
34	Experimental test of strong pinning and creep in current-voltage characteristics of type-II superconductors. <i>Physical Review B</i> , 2019 , 100,	3.3	2
33	Effect of Phase Fluctuations on the Superconducting Properties of Strongly Disordered 3D NbN Thin Films. <i>Journal of Physics: Conference Series</i> , 2011 , 273, 012071	0.3	1
32	Mesoscopic inhomogeneity creation in YBa ₂ Cu ₃ O _{7-x} thin film by swift heavy ion irradiation at low temperature. <i>Radiation Effects and Defects in Solids</i> , 2011 , 166, 628-634	0.9	1
31	Evolution of Kosterlitz-Thouless-Berezinskii (BKT) Transition in Ultra-Thin NbN Films. <i>Journal of Physics: Conference Series</i> , 2012 , 400, 022078	0.3	1
30	. <i>Superconductor Science and Technology</i> , 1996 , 9, 447-452	3.1	1
29	Point contact Andreev reflection studies on the low T _{Curie} ferromagnet NdNi ₅ using a superconducting Nb tip. <i>Physica B: Condensed Matter</i> , 2008 , 403, 1017-1019	2.8	1
28	Anomalous structures in point contact Andreev reflection spectrum. <i>Physica B: Condensed Matter</i> , 2005 , 359-361, 491-493	2.8	1
27	SOLAR NEUTRINO FLUX VARIATION IN KAMIOKANDE DETECTOR DURING SOLAR CYCLE 22. <i>Modern Physics Letters A</i> , 1998 , 13, 1109-1114	1.3	1
26	The parton model, electromagnetic form factors of hadrons and high energy elastic $\pi\pi$ scattering. <i>Journal of Physics A</i> , 1972 , 5, L97-L101		1
25	Transition from three- to two-dimensional Ising superconductivity in few-layer NbSe ₂ by proximity effect from van der Waals heterostacking. <i>Physical Review B</i> , 2021 , 104,	3.3	1
24	An inertial model of vortices to explain the extreme sensitivity of hexatic vortex fluid to low frequency ac excitation. <i>Physica C: Superconductivity and Its Applications</i> , 2020 , 578, 1353740	1.3	1
23	Destruction of superconductivity through phase fluctuations in ultrathin a-MoGe films. <i>Physical Review B</i> , 2020 , 102,	3.3	1
22	Hall effect for Dirac electrons in graphene exposed to an Abrikosov flux lattice. <i>Europhysics Letters</i> , 2020 , 132, 37002	1.6	0
21	Andreev Reflections in NbN/Graphene Junctions under Large Magnetic Fields. <i>Nano Letters</i> , 2021 , 21, 8229-8235	11.5	0
20	Superconductivity in amorphous Re Zr (x \bar{B}) thin films. <i>Journal of Alloys and Compounds</i> , 2021 , 877, 160258.7		0

19	Pseudogap state in strongly disordered conventional superconductor, NbN. <i>Journal of Physics: Conference Series</i> , 2012 , 400, 022044	0.3
18	Magnetoresistance studies of homogenously disordered 3-dimensional NbN thin films. <i>Journal of Physics: Conference Series</i> , 2012 , 391, 012086	0.3
17	Influence of microstructure on local conductivities in La _{0.7} Ce _{0.3} MnO ₃ thin film. <i>Journal of Physics: Conference Series</i> , 2009 , 150, 042164	0.3
16	Disorder Tuned Superconductor Insulator Transition in La _{2-x} (Sr/Ce) _x CuO ₄ & NbN Superconducting Thin Films. <i>Journal of Superconductivity and Novel Magnetism</i> , 2010 , 23, 807-810	1.5
15	Peak effect in surface resistance at microwave frequencies in Dy-123 thin films 2002 , 58, 955-958	
14	Magneto-transport properties of La _{0.7} Ca _{0.3} MnO ₃ /SrTiO ₃ /La _{0.7} Ce _{0.3} MnO ₃ tunnel junction 2002 , 58, 1179-1182	
13	Peak-effect, a new phenomenon observed at microwave frequencies in high T _c superconductor thin films. <i>Physica C: Superconductivity and Its Applications</i> , 2002 , 382, 386-394	1.3
12	Variability of Coronal Mass Ejections. <i>Proceedings of the International Astronomical Union</i> , 2004 , 2004, 211-212	0.1
11	Magnetic field dependence of the specific heat of. <i>Physica B: Condensed Matter</i> , 2005 , 359-361, 1273-1275	
10	Peak effect at microwave frequencies in swift heavy ion irradiated YBa ₂ Cu ₃ O _{7-x} thin films - investigation of vortex dynamics. <i>Materials Research Society Symposia Proceedings</i> , 2001 , 689, 1	
9	Oscillations in surface resistance with applied magnetic field variation in BSCCO aged superconducting samples. <i>Solid State Communications</i> , 1999 , 109, 407-411	1.6
8	ANALYSIS OF SOLAR NEUTRINO FLUX FROM THE EXISTING SOLAR NEUTRINO DETECTORS. <i>International Journal of Modern Physics A</i> , 1999 , 14, 1205-1223	1.2
7	SUBMILLISECOND PERIOD IN SUPERNOVA 1987A NEUTRINO DATA. <i>Modern Physics Letters A</i> , 1990 , 05, 61-66	1.3
6	Comments on the paper by Mack and Robbins relating to a recent theory on the origin of the universal X-ray background. <i>Astrophysics and Space Science</i> , 1973 , 20, 43-44	1.6
5	Weak interaction and the self-consistent theory. <i>Lettere Al Nuovo Cimento Rivista Internazionale Della Societ�Italiana Di Fisica</i> , 1973 , 7, 9-12	
4	Parton model and multiple scattering in high-energy $\gamma\gamma$ elastic scattering. <i>Lettere Al Nuovo Cimento Rivista Internazionale Della Societ�Italiana Di Fisica</i> , 1973 , 7, 765-771	
3	Flare Instability and Driving Mechanism. <i>COSPAR Colloquia Series</i> , 1990 , 403-404	
2	Universal scaling behaviour near vortex-solid/glass to vortex-fluid transition in type-II superconductors in two and three dimensions. <i>Europhysics Letters</i> , 2019 , 128, 27001	1.6

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