

Rg Kulkarni

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effect of Mo-substitution on superconductivity, flux pinning and critical currents of La _{1.5} Nd _{0.5} Ca ₁ Ba ₂ Cu ₅ O _z . Physica C: Superconductivity and Its Applications, 2003, 391, 237-244.	1.2	3
2	ac Conductivity of mixed spinel NiAl _{0.7} Cr _{0.7} Fe _{0.6} O ₄ . Pramana - Journal of Physics, 2002, 58, 787-789.	1.8	3
3	Temperature hysteretic effect and its influence on colossal magnetoresistance of La _{0.33} Nd _{0.33} Ca _{0.33} MnO ₃ . Pramana - Journal of Physics, 2002, 58, 1041-1044.	1.8	0
4	Depression of superconducting transition temperature due to Pr in the (La _{2.5} Pr _x Nd _{0.5})CaBa ₃ Cu ₇ O _z system. Physica B: Condensed Matter, 2002, 312-313, 56-58.	2.7	0
5	Effect of hole filling by Co and hole doping by Ca on the superconductivity of GdBa ₂ Cu ₃ O _{7-δ} . Solid State Sciences, 2001, 3, 59-66.	0.7	8
6	Magnetic properties of spinel system: Zn ₂ Ti ₂ CoCr _x Fe _{2-x} Zn ₄ O ₄ . Journal of Alloys and Compounds, 2001, 326, 117-120.	5.5	1
7	Effect of Sr-substitution on the restitution of superconductivity in Pr-substituted at rare earth and Ba-site in EuBa ₂ Cu ₃ O _z . Physica C: Superconductivity and Its Applications, 2001, 355, 23-30.	1.2	7
8	Structural, magnetization and susceptibility studies on cobalt ferri-aluminates synthesized by wet-chemical method. Physica B: Condensed Matter, 2000, 291, 379-386.	2.7	20
9	Dopant-site occupancies and superconducting properties of the Fe-substituted La _{2.5} Nd _{0.5} CaBa ₃ (Cu _{1-x} Fe _x) ₇ O _z perovskite. Physica C: Superconductivity and Its Applications, 2000, 340, 317-322.	1.2	0
10	Magnetic properties of the mixed spinel Co _{1+x} Sn _x Fe _{2-2x} O ₄ . , 2000, 128, 511-521.		6
11	Magnetic properties of the mixed spinel NiAl _{2x} Cr _x Fe _{2-3x} O ₄ . Physica B: Condensed Matter, 1999, 262, 5-12.	2.7	15
12	Correlation between hole concentration and T _c in (La ₂ Y _x)Ba ₂ (Ca _y Cu _{4+y})O _z superconductors. Physica B: Condensed Matter, 1999, 259-261, 538-539.	2.7	3
13	Structural studies of the superconducting La _{3.5} Y _x Ca ₂ Ba _{3.5-x} Cu ₇ O _z system. Physica C: Superconductivity and Its Applications, 1999, 319, 181-188.	1.2	9
14	Influence of hole-filling by La and hole-doping by Ca on the superconductivity of NdBa ₂ Cu ₃ O _{7-δ} . Physica C: Superconductivity and Its Applications, 1999, 320, 87-95.	1.2	11
15	Superconducting properties of the Fe-substituted La _{2.5} Y _{0.5} CaBa ₃ (Cu _{1-x} Fe _x) ₇ O _z perovskite. Physica C: Superconductivity and Its Applications, 1999, 313, 41-48.	1.2	5
16	Local canted spin behaviour in Co _{1.4-x} Zn _x Ge _{0.4} Fe _{1.2} O ₄ spinels: A macroscopic, mesoscopic and microscopic study. Pramana - Journal of Physics, 1999, 53, 341-351.	1.8	9
17	Metal-insulator type transition in aluminium and chromium co-substituted nickel ferrites. Materials Letters, 1999, 39, 91-96.	2.6	61
18	Magnetic properties of the mixed spinel NiAl _x Cr _x Fe _{2-2x} O ₄ . , 1998, 116, 197-207.		9

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19	Effect of Mo and Mo-Ca substitution on the superconductivity of GdBa ₂ Cu ₃ O _{7-δ} . Applied Superconductivity, 1998, 6, 471-481.	0.5	3
20	Superconductivity in (La _{2-x} Y _{x})Ba ₂ (Ca _{1-y} Cu _{4+y})O _z system. Materials Letters, 1998, 37, 68-71.	2.6	0
21	Effect of Mo and Mo-Ca substitution on the superconductivity of GdBa ₂ Cu ₃ O _{7-δ} . Physica C: Superconductivity and Its Applications, 1997, 291, 25-33.	1.2	5
22	Magnetic properties of the mixed spinel Mg _{1-x} Mn _{x} Fe _{2-2x} O ₄ . , 1997, 110, 227-237.		8
23	Superconductivity of the La _{3.5-x} R _{y} Ca ₂ Ba _{3.5-x} Cu ₇ O _z system (R = Gd, Nd and Dy). Physica C: Superconductivity and Its Applications, 1997, 288, 57-63.	1.2	14
24	Effect of Cu-Ca and coupled substitution upon superconductivity in ErBa ₂ Cu ₃ O _{7-δ} . Cryogenics, 1997, 37, 15-19.	1.7	11
25	Magnetic properties of copper ferrite aluminates. Journal of Magnetism and Magnetic Materials, 1996, 159, 375-380.	2.3	29
26	Influence of hole filling by Co and hole doping by Ca on the superconductivity of ErBa ₂ Cu ₃ O _{7-δ} . Solid State Communications, 1996, 98, 1095-1098.	1.9	21
27	Magnetic properties of the mixed spinel CoFe _{2-x} Cr _{x} O ₄ . Physica B: Condensed Matter, 1996, 217, 292-298.	2.7	39
28	Effect of Hf and Hf-Ca substitution on the superconductivity of ErBa ₂ Cu ₃ O _{7-δ} . Physica C: Superconductivity and Its Applications, 1996, 261, 90-96.	1.2	9
29	Effect of Hf and Hf-Ca substitution on the superconductivity of GdBa ₂ Cu ₃ O _{7-δ} . Applied Superconductivity, 1996, 4, 327-335.	0.5	1
30	Enhanced flux pinning and critical currents by Hf and Hf-Ca substitution in YBa ₂ Cu ₃ O _{7-δ} . Cryogenics, 1995, 35, 61-65.	1.7	10
31	Flux pinning and critical currents by Mo-substitution in YBa ₂ Cu ₃ O _{7-δ} . Applied Superconductivity, 1995, 3, 357-363.	0.5	5
32	Effect of Pr and Ca substitution on superconductivity in Y(1- x)Pr _{x} CuBa ₂ Cu ₃ O _{7-δ} . Solid State Communications, 1994, 90, 821-824.	1.9	3
33	Influence of molybdenum - substitution on superconductivity of yttrium barium cuprate. Materials Research Bulletin, 1994, 29, 89-95.	5.2	9
34	Suppression of superconductivity in Er _{1-x} Ca _{x} Ba ₂ Cu ₃ O _{y} by hole doping and pair breaking. Solid State Communications, 1993, 88, 629-632.	1.9	7
35	Mössbauer and magnetization study of cobalt ferrite aluminates. Solid State Communications, 1993, 86, 327-331.	1.9	12
36	Critical currents and flux in vanadium doped YBa ₂ Cu ₃ O _{7-δ} system. Applied Superconductivity, 1993, 1, 1227-1229.	0.5	1

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37	Magnetic ordering in a Zn substituted $\text{Co}_{1-x}\text{Ti}_x\text{Fe}_2\text{O}_4$ ferrite system. <i>Physica B: Condensed Matter</i> , 1993, 190, 183-189.	2.7	10
38	Ceramic processing, dopant-site occupancies and superconducting properties of $\text{YBa}_2(\text{Cu}_{1-x}\text{Fe}_x)\text{O}_z$. <i>Physica C: Superconductivity and Its Applications</i> , 1993, 217, 175-181.	1.2	23
39	Mössbauer and magnetization study of the mixed spinel CoFe_2O_4 . <i>Solid State Communications</i> , 1992, 82, 907-910.	1.9	25
40	Enhanced flux pinning by Zn substitution in $\text{GdBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Cryogenics</i> , 1992, 32, 770-774.	1.7	3
41	Magnetic ordering in Zn substituted $\text{Co}_{1.4}\text{Ge}_{0.4}\text{Fe}_{1.2}\text{O}_4$ spinel system. <i>IEEE Transactions on Magnetics</i> , 1992, 28, 1889-1894.	2.1	26
42	^{57}Fe Mössbauer and magnetic studies on the spinel system $\text{Co}_{1+x}\text{Ge}_x\text{Fe}_{2-x}\text{O}_4$. <i>Solid State Communications</i> , 1991, 78, 539-542.	1.9	15
43	Influence of hole filling and pair breaking by Pr and hole doping by Ca on superconductivity and flux pinning of $\text{YBa}_2\text{Cu}_3\text{O}_{6.83}$. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 183, 154-162.	1.2	27
44	Magnetic properties of Zn-substituted Co-Ge-Fe-O ferrites near the dilution limit. <i>Journal of Magnetism and Magnetic Materials</i> , 1991, 99, 275-279.	2.3	15
45	Influence of nickel substitution on flux pinning and critical currents in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Cryogenics</i> , 1991, 31, 833-838.	1.7	14
46	Spin-glass behaviour in $\text{CdFe}_1-x\text{Sbx}$ system. <i>Solid State Communications</i> , 1990, 74, 1213-1216.	1.9	1
47	New high-Tc 2-2-3 type superconductor $\text{Y}_2\text{Ba}_{1.5}\text{Ca}_{0.5}\text{Cu}_3\text{O}_{8+x}$. <i>Solid State Communications</i> , 1990, 73, 511-513.	1.9	3
48	Giant flux pinning and critical current density in a new high-Tc superconductor $\text{Y}_2\text{Ba}_2\text{Cu}_4\text{O}_{9-x}$. <i>Solid State Communications</i> , 1990, 76, 159-162.	1.9	3
49	Cluster spin-glass like behaviour in $\text{CdFe}_1-x\text{Sbx}$ system. <i>Solid State Communications</i> , 1990, 75, 1001-1004.	1.9	0
50	Superconductivity in the system $\text{YBa}_2\text{O}_7-x\text{CaxCu}_3\text{O}_7-x$. <i>Solid State Communications</i> , 1989, 71, 839-841.	1.9	13
51	Magnetic properties of $\text{YBa}_{1.5}\text{Ca}_{0.5}\text{Cu}_3\text{O}_{7-x}$ superconductor. <i>Solid State Communications</i> , 1989, 72, 1203-1205.	1.9	0
52	Superconductivity up to 200 K in the $\text{Ca}_{0.5}\text{Zn}_{0.5}\text{Fe}_2\text{O}_4$ system without rare earth. <i>Solid State Communications</i> , 1988, 68, 101-102.	1.9	5
53	High-temperature Mössbauer study of the Cu-Cd ferrite system. <i>Materials Letters</i> , 1986, 4, 168-170.	2.6	4
54	Mössbauer study of the spinel system $\text{Ti}_x\text{Co}_{1-x}\text{Fe}_2\text{O}_4$. <i>Solid State Communications</i> , 1986, 60, 67-69.	1.9	26

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55	Novel magnetic behaviour of the system $Zn_xCa_{1-x}Fe_2O_4$. Solid State Communications, 1986, 57, 665-667.	1.9	6
56	Comparison of magnetic properties of $MgFe_2O_4$ prepared by wet-chemical and ceramic methods. Journal of Solid State Chemistry, 1986, 64, 141-147.	2.9	64
57	Mössbauer study of the $CaxCo_{1-x}Fe_2O_4$ system. Journal of Magnetism and Magnetic Materials, 1986, 61, 109-113.	2.3	22
58	Study of the bulk magnetic properties of Co-Ca ferrite system. Materials Research Bulletin, 1986, 21, 1051-1055.	5.2	17
59	Spin glass behaviour of the spinel system $GexCu_{1-x}Fe_2O_4$. Solid State Communications, 1985, 53, 1001-1003.	1.9	14
60	The magnetic properties of the $Mg_{1-x}Zn_x$ ferrite system by Mössbauer spectroscopy. Solid State Communications, 1985, 53, 1005-1008.	1.9	37
61	Yafet-Kittel type of magnetic ordering in Mg-Cd ferrites. Materials Letters, 1985, 3, 273-277.	2.6	19
62	Mössbauer study of the spinel system $GexCu_{1-x}Fe_2O_4$. Solid State Communications, 1984, 49, 169-172.	1.9	25
63	The magnetic properties of the $Mg_{1-x}Cd_x$ ferrite system by Mössbauer spectroscopy. Materials Research Bulletin, 1984, 19, 655-661.	5.2	14
64	Low-temperature Mössbauer study of the $Mg_{1-x}Cd_x$ ferrite system. Solid State Communications, 1983, 48, 691-695.	1.9	7
65	Mossbauer study of the Cu-Cd ferrite system. Solid State Communications, 1982, 43, 647-650.	1.9	10
66	Magnetic properties of $Cu_{1-x}Zn_x$ ferrite investigated by Mössbauer spectroscopy. Solid State Communications, 1979, 31, 551-555.	1.9	35
67	Mössbauer study of the $FeCl_3L_3$ type complex. Solid State Communications, 1977, 24, 133-134.	1.9	2