Anuj Kumar

List of Publications by Year
in descending order

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40 papers	889 citations	687363 13 h-index	501196 28 g-index
41 all docs	41 docs citations	41 times ranked	874 citing authors

#	Article	IF	Citations
1	Synthesis and Superconductivity of New BiS2 Based Superconductor PrO0.5F0.5BiS2. Journal of Superconductivity and Novel Magnetism, 2013, 26, 499-502.	1.8	190
2	Bulk Superconductivity in Bismuth Oxysulfide Bi₄O₄S₃. Journal of the American Chemical Society, 2012, 134, 16504-16507.	13.7	179
3	Appearance of superconductivity in layered LaO0.5F0.5BiS2. Solid State Communications, 2013, 157, 21-23.	1.9	109
4	Superconductivity at 5â€‰K in NdO0.5F0.5BiS2. Journal of Applied Physics, 2013, 113, .	2.5	88
5	Room temperature magnetic entropy change and magnetoresistance in La0.70(Ca0.30â^'xSrx)MnO3:Ag 10% (x=0.0â^'0.10). Journal of Magnetism and Magnetic Materials, 2012, 324, 2849-2853.	2.3	45
6	Physical property and electronic structure characterization of bulk superconducting Bi₃Ni. Superconductor Science and Technology, 2011, 24, 085002.	3.5	42
7	Study of spin glass and cluster ferromagnetism in RuSr2Eu1.4Ce0.6Cu2O10-Î´ magneto superconductor. Journal of Applied Physics, 2011, 110, .	2.5	35
8	Impact of Particle Size on Room Temperature Ferrimagnetism ofÂSrFe12O19. Journal of Superconductivity and Novel Magnetism, 2010, 23, 423-427.	1.8	25
9	Successive spin glass, cluster ferromagnetic, and superparamagnetic transitions in RuSr2Y1.5Ce0.5Cu2O10 complex magneto-superconductor. European Physical Journal B, 2012, 85, 1.	1.5	18
10	Effect of 3d Metal (Co and Ni) Doping on the Superconductivity of FeSe$_{0.5}$Te$_{0.5}$. IEEE Transactions on Magnetics, 2012, 48, 4239-4242.	2.1	17
11	Magnetization and magneto-resistance in Y(Ba_{1â^'x}Sr_x)₂Cu₃O_{7â^'Î´}(x=3.5	17	
12	High field magneto-transport and magnetization study of Y1â^'xCaxBa2Cu3 (x=0.00â€“0.25). Journal of Alloys and Compounds, 2012, 543, 135-141.	5.5	16
13	Thermal hysteresis in electrical transport of charge ordered La0.5Ca0.5MnO3 manganites. Journal of Alloys and Compounds, 2009, 475, L13-L16.	5.5	13
14	One-Step Atmospheric Pressure Synthesis of the Ground State ofÂFe Based LaFeAsO1â^'Î´. Journal of Superconductivity and Novel Magnetism, 2008, 21, 167-169.	1.8	12
15	Superconducting and Magnetic Properties of Zn-doped YBa2Cu3O7â^'Î´. Journal of Superconductivity and Novel Magnetism, 2011, 24, 1599-1605.	1.8	12
16	Role of interstitial â€œcagedâ€•Fe in the superconductivity of FeTe1/2Se1/2. Solid State Communications, 2011, 151, 1767-1770.	1.9	11
17	Normal state connectivity andJ_cof weakly coupled MgB₂particles. Superconductor Science and Technology, 2009, 22, 105005.	3.5	10
18	The Role of Ca in Superconducting and Magnetic Properties of Y1â^'x Ca x Ba2Cu3O7â^'Î´ (x=0.0â€“0.30). Journal of Superconductivity and Novel Magnetism, 2012, 25, 31-37.	1.8	9

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19	High field (14 T) magneto transport of Sm/PrFeAsO. Journal of Applied Physics, 2012, 111, 07E323.	2.5	8
20	Inter- and Intra-granular Interactions of REBa2Cu3O7â˜Î´, RE: Eu, Gd, Ho and Er. Journal of Superconductivity and Novel Magnetism, 2011, 24, 1893-1899.	1.8	5
21	Fabrication of DC sputtered NbN thick film with high upper critical field of above 400 kOe. , 2012, , .		5
22	Effect of Boron substitution on the superconductivity of non-oxide perovskite MgCNi3. Solid State Communications, 2012, 152, 1678-1682.	1.9	5
23	Spin dynamics, short-range order and superparamagnetism in superconducting ferromagnet RuSr2Gd1.4Ce0.6Cu2O10â˜Î´. Journal of Magnetism and Magnetic Materials, 2014, 349, 224-231.	2.3	5
24	Superconductivity in the vicinity of ferromagnetism in oxygen free perovskite MgCNi3: An experimental and density functional theory study. Journal of Applied Physics, 2012, 111, 033907.	2.5	4
25	Optimization of the Pr concentration in Y_{1-x}Pr_xBCO films prepared by pulsed laser deposition. Journal of Physics: Conference Series, 2009, 153, 012014.	0.4	2
26	Magnetic and Thermal Behavior of Ru0.9Sr2YCu2.1O7.9 Magneto-Superconductor Synthesized by High-Pressure High-Temperature Technique. Journal of Superconductivity and Novel Magnetism, 2011, 24, 1643-1648.	1.8	2
27	Crossing point phenomena (T*â€‰=â€‰2.7 K) in specific heat curves of superconducting ferromagnets RuSr2Gd1.4Ce0.6Cu2O10-Î´. Journal of Applied Physics, 2012, 111, 07E140.	2.5	2
28	Revisiting the Y_{1-x}Pr_xBa₂Cu₃O_{7-Î´}system-CuO2 plane disorder induced flux pinning. Journal of Physics: Conference Series, 2009, 153, 012020.	0.4	1
29	Synthesis and Superconductivity of CeNi0.8Bi2: New Entrant in Superconductivity Kitchen?. Journal of Superconductivity and Novel Magnetism, 2012, 25, 723-724.	1.8	1
30	Study of transport and magnetic properties in new BiS[sub 2] based layered LaO[sub 0.5]F[sub 0.5]BiS[sub 2] superconductor. , 2013, , .		1
31	Multiple Magnetic Ordering Temperatures inÂRuSr2Eu1.5Ce0.5Cu2O10â˜Î´ System. Journal of Superconductivity and Novel Magnetism, 2008, 21, 259-264.	1.8	0
32	NANO-VANADIUM DOPING-DRIVEN LOW TEMPERATURE STRUCTURAL PHASE TRANSFORMATION IN TITANIA. Modern Physics Letters B, 2009, 23, 3543-3549.	1.9	0
33	Effect of Cr substitution on the superconducting and magnetic properties of RuSr2Eu1.5Ce0.5Cu2O10â˜. Physica C: Superconductivity and Its Applications, 2010, 470, S215-S216.	1.2	0
34	Impact of Mn Substitution at Ru Site inÂRuSr2(Eu1.4Ce0.6)Cu2O10â˜Î´ Magneto-Superconductor. Journal of Superconductivity and Novel Magnetism, 2011, 24, 499-504.	1.8	0
35	Superconductivity of Fe based pnictides and chalcogenides: Material aspects, doping routes, future prospects and challenges. , 2012, , .		0
36	Control of interstitial Fe and its impact on superconductivity of FeTe1/2Se1/2. , 2012, , .		0

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37	Superconductivity and ferromagnetism in the non-oxide perovskite MgCNi3. , 2012, , .		0
38	Spin-glass and cluster ferromagnetism in RuSr2Y1.5Ce0.5Cu2O10 magneto-superconductor synthesized by HPHT. Cryogenics, 2012, 52, 764-766.	1.7	0
39	Bulk superconductivity at 5K in NdO[sub 0.5]F[sub 0.5]BiS[sub 2]. , 2013, , .		0
40	Superconductivity in BiS[sub 2] based Bi[sub 4]O[sub 4]S[sub 3] novel compound. , 2013, , .		0