

Anuj Kumar

List of Publications by Year in descending order

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papers

889
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times ranked

874
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Spin dynamics, short-range order and superparamagnetism in superconducting ferromagnet $\text{RuSr}_2\text{Gd}_{1.4}\text{Ce}_{0.6}\text{Cu}_2\text{O}_{10}$. Journal of Magnetism and Magnetic Materials, 2014, 349, 224-231. | 2.3 | 5 |
| 2 | Appearance of superconductivity in layered $\text{LaO}_{0.5}\text{F}_{0.5}\text{BiS}_2$. Solid State Communications, 2013, 157, 21-23. | 1.9 | 109 |
| 3 | Synthesis and Superconductivity of New BiS_2 Based Superconductor $\text{PrO}_{0.5}\text{F}_{0.5}\text{BiS}_2$. Journal of Superconductivity and Novel Magnetism, 2013, 26, 499-502. | 1.8 | 190 |
| 4 | Superconductivity at 5 K in $\text{NdO}_{0.5}\text{F}_{0.5}\text{BiS}_2$. Journal of Applied Physics, 2013, 113, . | 2.5 | 88 |
| 5 | Bulk superconductivity at 5K in $\text{NdO}_{0.5}\text{F}_{0.5}\text{BiS}_2$. , 2013, , . | | 0 |
| 6 | Superconductivity in BiS_2 based $\text{Bi}_4\text{O}_4\text{S}_3$ novel compound. , 2013, , . | | 0 |
| 7 | Study of transport and magnetic properties in new BiS_2 based layered $\text{LaO}_{0.5}\text{F}_{0.5}\text{BiS}_2$ superconductor. , 2013, , . | | 1 |
| 8 | Superconductivity of Fe based pnictides and chalcogenides: Material aspects, doping routes, future prospects and challenges. , 2012, , . | | 0 |
| 9 | High field (14 T) magneto transport of Sm/PrFeAsO . Journal of Applied Physics, 2012, 111, 07E323. | 2.5 | 8 |
| 10 | Crossing point phenomena ($T^* = 2.7$ K) in specific heat curves of superconducting ferromagnets $\text{RuSr}_2\text{Gd}_{1.4}\text{Ce}_{0.6}\text{Cu}_2\text{O}_{10}$. Journal of Applied Physics, 2012, 111, 07E140. | 2.5 | 2 |
| 11 | Fabrication of DC sputtered NbN thick film with high upper critical field of above 400 kOe. , 2012, , . | | 5 |
| 12 | Control of interstitial Fe and its impact on superconductivity of $\text{FeTe}_{1/2}\text{Se}_{1/2}$. , 2012, , . | | 0 |
| 13 | Superconductivity and ferromagnetism in the non-oxide perovskite MgCNi_3 . , 2012, , . | | 0 |
| 14 | Superconductivity in the vicinity of ferromagnetism in oxygen free perovskite MgCNi_3 : An experimental and density functional theory study. Journal of Applied Physics, 2012, 111, 033907. | 2.5 | 4 |
| 15 | High field magneto-transport and magnetization study of $\text{Y}_{1-x}\text{Ca}_x\text{Ba}_2\text{Cu}_3$ ($x=0.00$ – 0.25). Journal of Alloys and Compounds, 2012, 543, 135-141. | 5.5 | 16 |
| 16 | Effect of 3d Metal (Co and Ni) Doping on the Superconductivity of $\text{FeSe}_{0.5}\text{Te}_{0.5}$. IEEE Transactions on Magnetics, 2012, 48, 4239-4242. | 2.1 | 17 |
| 17 | Effect of Boron substitution on the superconductivity of non-oxide perovskite MgCNi_3 . Solid State Communications, 2012, 152, 1678-1682. | 1.9 | 5 |
| 18 | Successive spin glass, cluster ferromagnetic, and superparamagnetic transitions in $\text{RuSr}_2\text{Y}_{1.5}\text{Ce}_{0.5}\text{Cu}_2\text{O}_{10}$ complex magneto-superconductor. European Physical Journal B, 2012, 85, 1. | 1.5 | 18 |

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|----|--|------|-----------|
| 19 | Magnetization and magneto-resistance in $Y(Ba_{1-x}Sr_x)_2Cu_3O_{7-\delta}$ ($x=0.1$). <i>Journal of Applied Physics</i> , 2011, 107, 104301. arXiv:1107.1711 | 0.78 | 43 |
| 20 | Bulk Superconductivity in Bismuth Oxysulfide $Bi_4O_4S_3$. <i>Journal of the American Chemical Society</i> , 2012, 134, 16504-16507. | 13.7 | 179 |
| 21 | Spin-glass and cluster ferromagnetism in $RuSr_2Y_{1.5}Ce_{0.5}Cu_2O_{10}$ magneto-superconductor synthesized by HPHT. <i>Cryogenics</i> , 2012, 52, 764-766. | 1.7 | 0 |
| 22 | Synthesis and Superconductivity of $CeNi_0.8Bi_2$: New Entrant in Superconductivity Kitchen?. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012, 25, 723-724. | 1.8 | 1 |
| 23 | Room temperature magnetic entropy change and magnetoresistance in $La_{0.70}(Ca_{0.30-x}Sr_x)MnO_3:Ag$ 10% ($x=0.0\sim 0.10$). <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 2849-2853. | 2.3 | 45 |
| 24 | The Role of Ca in Superconducting and Magnetic Properties of $Y_{1-x}Ca_xBa_2Cu_3O_{7-\delta}$ ($x=0.0\sim 0.30$). <i>Journal of Superconductivity and Novel Magnetism</i> , 2012, 25, 31-37. | 1.8 | 9 |
| 25 | Role of interstitial δ -Fe in the superconductivity of $FeTe_{1/2}Se_{1/2}$. <i>Solid State Communications</i> , 2011, 151, 1767-1770. | 1.9 | 11 |
| 26 | Impact of Mn Substitution at Ru Site in $RuSr_2(Eu_{1.4}Ce_{0.6})Cu_2O_{10}$ Magneto-Superconductor. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011, 24, 499-504. | 1.8 | 0 |
| 27 | Superconducting and Magnetic Properties of Zn-doped $YBa_2Cu_3O_{7-\delta}$. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011, 24, 1599-1605. | 1.8 | 12 |
| 28 | Magnetic and Thermal Behavior of $Ru_{0.9}Sr_2YCu_{2.1}O_{7.9}$ Magneto-Superconductor Synthesized by High-Pressure High-Temperature Technique. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011, 24, 1643-1648. | 1.8 | 2 |
| 29 | Inter- and Intra-granular Interactions of $REBa_2Cu_3O_{7-\delta}$, RE: Eu, Gd, Ho and Er. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011, 24, 1893-1899. | 1.8 | 5 |
| 30 | Study of spin glass and cluster ferromagnetism in $RuSr_2Eu_{1.4}Ce_{0.6}Cu_2O_{10}$ magneto superconductor. <i>Journal of Applied Physics</i> , 2011, 110, . | 2.5 | 35 |
| 31 | Physical property and electronic structure characterization of bulk superconducting Bi_3Ni . <i>Superconductor Science and Technology</i> , 2011, 24, 085002. | 3.5 | 42 |
| 32 | Impact of Particle Size on Room Temperature Ferrimagnetism of $\tilde{A}SrFe_{12}O_{19}$. <i>Journal of Superconductivity and Novel Magnetism</i> , 2010, 23, 423-427. | 1.8 | 25 |
| 33 | Effect of Cr substitution on the superconducting and magnetic properties of $RuSr_2Eu_{1.5}Ce_{0.5}Cu_2O_{10}$. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S215-S216. | 1.2 | 0 |
| 34 | NANO-VANADIUM DOPING-DRIVEN LOW TEMPERATURE STRUCTURAL PHASE TRANSFORMATION IN TITANIA. <i>Modern Physics Letters B</i> , 2009, 23, 3543-3549. | 1.9 | 0 |
| 35 | Normal state connectivity and χ_c of weakly coupled MgB_2 particles. <i>Superconductor Science and Technology</i> , 2009, 22, 105005. | 3.5 | 10 |
| 36 | Thermal hysteresis in electrical transport of charge ordered $La_{0.5}Ca_{0.5}MnO_3$ manganites. <i>Journal of Alloys and Compounds</i> , 2009, 475, L13-L16. | 5.5 | 13 |

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|----|---|-----|-----------|
| 37 | Revisiting the $Y_{1-x}Pr_xBa_2Cu_3O_{7-\delta}$ system- CuO ₂ plane disorder induced flux pinning. Journal of Physics: Conference Series, 2009, 153, 012020. | 0.4 | 1 |
| 38 | 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 |
| 39 | One-Step Atmospheric Pressure Synthesis of the Ground State of Fe Based $LaFeAsO_{1-\delta}$. Journal of Superconductivity and Novel Magnetism, 2008, 21, 167-169. | 1.8 | 12 |
| 40 | Multiple Magnetic Ordering Temperatures in $RuSr_2Eu_{1.5}Ce_{0.5}Cu_2O_{10-\delta}$ System. Journal of Superconductivity and Novel Magnetism, 2008, 21, 259-264. | 1.8 | 0 |