# Guang-Han Cao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7022519/publications.pdf

Version: 2024-02-01

| 349 | 9,472 | 43973 | 56606 |
|---|---|---|---|
| papers | citations | 48 h-index | 83 g-index |

| 354 | 354 | 354 | 4460 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Thorium-dopingâ€“induced superconductivity up to 56â€‰K in Gd <sub>1âˆ’x</sub> Th <sub>x</sub> FeAsO. Europhysics Letters, 2008, 83, 67006. | 0.7 | 576 |
| 2 | Fermi surface nesting induced strong pairing in iron-based superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7330-7333. | 3.3 | 316 |
| 3 | Superconductivity up to 30 K in the vicinity of the quantum critical point in BaFe<sub>2</sub>(As<sub>1âˆ’x</sub>P<sub>x</sub>)<sub>2</sub>. Journal of Physics | 0.7 | 262 |
| 4 | Superconductivity Induced by Phosphorus Doping and Its Coexistence with Ferromagnetism in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>EuFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mi>As</mml:mi><mml:mn>0.7</mml:mn></mml:msub><mml:msub><mml:mo> <mml:mn>2 | 2.9 | 249 |
| 5 | Superconductivity induced by Ni doping in BaFe<sub>2</sub>As<sub>2</sub>single crystals. New Journal of Physics, 2009, 11, 025008. | 1.2 | 249 |
| 6 | Antiferromagnetic transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>EuFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:ms A possible parent compound for superconductors. Physical Review B, 2008, 78, . | 3.1 | 185 |
| 7 | Effects of cobalt doping and phase diagrams of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" | | |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Superconductivity in KCa<sub>2</sub>Fe<sub>4</sub>As<sub>4</sub>F<sub>2</sub> with Separate Double Fe<sub>2</sub>As<sub>2</sub> Layers. Journal of the American Chemical Society, 2016, 138, 7856-7859. | 6.6 | 99 |
| 20 | Decrease of dielectric loss in giant dielectric constant CaCu3 Ti4 O12 ceramics by adding CaTiO3. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 130, 146-150. | 1.7 | 98 |
| 21 | Evidence for nodal superconductivity in quasi-one-dimensional<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Cr</mml:mi><mml:mn>3</mml:mn></m Physical Review B, 2015, 91, . | 1.1 | 97 |
| 22 | Superconductivity in LaFeAs <sub>1-x</sub> P <sub>x</sub> O: Effect of chemical pressures and bond covalency. Europhysics Letters, 2009, 86, 47002. | 0.7 | 96 |
| 23 | Superconductivity and local-moment magnetism in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Eu</mml:mtext><mml:msub><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow Physical Review B, 2009, 80, . | 1.1 | 95 |
| 24 | Superconductivity and ferromagnetism in hole-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>RbEuFe</mml:mi><mml:mn>4</mml:mn></ Physical Review B, 2016, 93, . | 1.1 | 88 |
| 25 | Effects of magnetic ordering on dynamical conductivity: Optical investigations of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>EuFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></ crystals. Physical Review B, 2009, 79, . | 1.1 | 86 |
| 26 | NMR Investigation of the Quasi-One-Dimensional Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow><mml:mi mathvariant="normal">K</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mi>Cr Physical Review Letters, 2015, 114, 147004. | 2.9 | 86 |
| 27 | A new Majorana platform in an Fe-As bilayer superconductor. Nature Communications, 2020, 11, 5688. | 5.8 | 84 |
| 28 | Anomalous Eu Valence State and Superconductivity in Undoped Eu<sub>3</sub>Bi<sub>2</sub>S<sub>4</sub>F<sub>4</sub>. Journal of the American Chemical Society, 2014, 136, 15386-15393. | 6.6 | 82 |
| 29 | Narrow superconducting window inLaFe1â^'xNixAsO. Physical Review B, 2009, 79, . | 1.1 | 80 |
| 30 | Optical properties of the iron arsenic superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaFe</mml:mtext></mml:mrow><mml:mrow><mml:mn>1.85</m Physical Review B, 2010, 82, . | 1.1 | 77 |
| 31 | Infrared phonon anomaly in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></ Physical Review B, 2009, 80, . | 1.1 | 74 |
| 32 | Electronic structure of quasi-one-dimensional superconductor K2Cr3As3 from first-principles calculations. Scientific Reports, 2015, 5, 16054. | 1.6 | 72 |
| 33 | Ba<sub>2</sub>Ti<sub>2</sub>Fe<sub>2</sub>As<sub>4</sub>O: A New Superconductor Containing Fe<sub>2</sub>As<sub>2</sub> Layers and Ti<sub>2</sub>O Sheets. Journal of the American Chemical Society, 2012, 134, 12893-12896. | 6.6 | 71 |
| 34 | Spin gap and magnetic resonance in superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaFe</mml:mtext></mml:mrow><mml:mrow><mml:mn>1.9</mml Physical Review B, 2009, 79, . | 1.1 | 63 |
| 35 | A New ZrCuSiAs-Type Superconductor: ThFeAsN. Journal of the American Chemical Society, 2016, 138, 2170-2173. | 6.6 | 63 |
| 36 | Superconductivity above 50 K in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Tb</mml:mtext></mml:mrow><mml:mrow><mml:mn>1 Physical Review B, 2008, 78, . | 1.1 | 62 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Synthesis and magnetoresistance measurement of tellurium microtubes. Journal of Materials Chemistry, 2004, 14, 244. | 6.7 | 60 |
| 38 | Coexistence of ferromagnetism and superconductivity: magnetization and MÃ¶ssbauer studies of EuFe<sub>2</sub>(As<sub>1 â^'x</sub>P<sub>x</sub>)<sub>2</sub>. Journal of Physics Condensed Matter, 2011, 23, 065701. | 0.7 | 60 |
| 39 | Phase diagram of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CeFeAs</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> from electrical resistivity, magnetization, and specific heat measurements. Physical Review B, 2010, 81, . | 1.1 | 59 |
| 40 | La<sub>2</sub>Co<sub>2</sub>Se<sub>2</sub>O<sub>3</sub>: A Quasi-Two-Dimensional Mott Insulator with Unusual Cobalt Spin State and Possible Orbital Ordering. Journal of the American Chemical Society, 2010, 132, 7069-7073. | 6.6 | 57 |
| 41 | Anisotropic superconductivity in Eu(Fe 0.75 Ru 0.25 ) 2 As 2 ferromagnetic superconductor. Europhysics Letters, 2011, 95, 67007. | 0.7 | 56 |
| 42 | Ferromagnetic Spin Fluctuation and Unconventional Superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Rb</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> by<mml:math xmlns:mml="http. Physical Review Letters, 2015, 115, 147002. | 2.9 | 55 |
| 43 | Domain Meissner state and spontaneous vortex-antivortex generation in the ferromagnetic superconductor EuFe <sub>2</sub> (As <sub>0.79</sub> P <sub>0.21</sub> ) <sub>2</sub>. Science Advances, 2018, 4, eaat1061. | 4.7 | 54 |
| 44 | A new ferromagnetic superconductor: CsEuFe4As4. Science Bulletin, 2016, 61, 1213-1220. | 4.3 | 53 |
| 45 | Superconductivity in a Layered Ta<sub>4</sub>Pd<sub>3</sub>Te<sub>16</sub> with PdTe<sub>2</sub> Chains. Journal of the American Chemical Society, 2014, 136, 1284-1287. | 6.6 | 52 |
| 46 | Crystal structure and superconductivity at about 30 K in ACa2Fe4As4F2 (A = Rb, Cs). Science China Materials, 2017, 60, 83-89. | 3.5 | 52 |
| 47 | Superconductivity and ferromagnetism in EuFe<sub>2</sub>(As<sub>1â^'x</sub>P<sub>x</sub>)<sub>2</sub>. Journal of Physics Condensed Matter, 2011, 23, 464204. | 0.7 | 50 |
| 48 | Magnetic ordering and dense Kondo behavior in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>EuFe</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review B, 2010, 82, . | 1.1 | 49 |
| 49 | Pressure-induced quantum phase transition and emergence of ferromagnetic ordering of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mtext>Eu</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msup></mml:mrow></mml:math> in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>EuFe</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review B, 2009, 79, . | 1.1 | 48 |
| 50 | Electron-phonon coupling and the charge gap of spin-density wave iron-pnictide materials from quasiparticle relaxation dynamics. Physical Review B, 2010, 82, . | 1.1 | 48 |
| 51 | Cluster spin-glass ground state in quasi-one-dimensional<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>KCr</mml:mi><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review B, 2015, 91, . | 1.1 | 48 |
| 52 | Grain-boundary and subgrain-boundary effects on the dielectric properties of CaCu3Ti4O12ceramics. Journal Physics D: Applied Physics, 2007, 40, 2899-2905. | 1.3 | 46 |
| 53 | Self-doping effect and successive magnetic transitions in superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Sr</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review B, 2010, 82, . | 1.1 | 46 |
| 54 | Effect of a Zn impurity onT<sub>c</sub>and its implications for pairing symmetry in LaFeAsO<sub>1â^'x</sub>F<sub>x</sub>. New Journal of Physics, 2010, 12, 083008. | 1.2 | 46 |

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|---|---|---|---|
| 55 | Possibility of vortex lattice structural phase transition in the superconducting pnictideBa(Fe0.925Co0.075)2As2. Physical Review B, 2010, 81, . | 1.1 | 45 |
| 56 | Sr and Mn co-doped LaCuSO: A wide band gap oxide diluted magnetic semiconductor with TC around 200â€‰K. Applied Physics Letters, 2013, 103, . | 1.5 | 45 |
| 57 | Observation of giant dielectric constant in CdCu3Ti4O12 ceramics. Solid State Communications, 2006, 138, 91-94. | 0.9 | 44 |
| 58 | Crystal chemistry and structural design of iron-based superconductors. Chinese Physics B, 2013, 22, 087410. | 0.7 | 43 |
| 59 | Design and Synthesis of a New Layered Thermoelectric Material LaPbBiS<sub>3</sub>O. Inorganic Chemistry, 2014, 53, 11125-11129. | 1.9 | 43 |
| 60 | Li<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>RhO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>: A spin-glassy relativistic Mott insulator. Physical Review B, 2013, 87, . | 1.1 | 42 |
| 61 | Heavy-fermion quantum criticality and destruction of the Kondo effect in a nickelÂoxypnictide. Nature Materials, 2014, 13, 777-781. | 13.3 | 41 |
| 62 | Metal-Insulator Transition and Superconductivity in Spinel-Type System Cu1-xZnxIr2S4. Journal of the Physical Society of Japan, 1999, 68, 2495-2497. | 0.7 | 40 |
| 63 | Suppression of metal-to-insulator transition and appearance of superconductivity inCu1âˆ’xZnxIr2S4. Physical Review B, 2001, 64, . | 1.1 | 39 |
| 64 | K and Mn co-doped BaCd2As2: A hexagonal structured bulk diluted magnetic semiconductor with large magnetoresistance. Journal of Applied Physics, 2013, 114, . | 1.1 | 39 |
| 65 | Synthesis, Crystal Structure and Superconductivity in RbLn<sub>2</sub>Fe<sub>4</sub>As<sub>4</sub>O<sub>2</sub> (Ln = Sm, Tb, Dy, and Ho). Chemistry of Materials, 2014, 26, 3803-3810. | 3.2 | 39 |
| 66 | Magnetic structure of EuFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>P<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /> | 1.1 | 38 |
| 67 | Pressure-induced metal-nonmetal transition in BaTi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /></mml:msub></mml:math>studied by ne | | |

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| 73 | | 1.1 | 35 |
| 74 | Superconductivity in hexagonal Nb-Mo-Ru-Rh-Pd high-entropy alloys. Scripta Materialia, 2020, 182, 109-113. | 2.6 | 35 |
| 75 | Nernst effect of a new iron-based superconductor LaO<sub>1â^'x</sub>F<sub>x</sub>FeAs. New Journal of Physics, 2008, 10, 063021. | 1.2 | 34 |
| 76 | Effects of Ru substitution on electron correlations and Fermi-surface dimensionality in Ba(Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 637 Td (display="inline"> | 1.1 | 34 |
| 77 | Evidence for two distinct superconducting phases in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuBiS</mml:mi><mml:mn>2</mml:mn></ mathvariant="normal">F</mml:mi></mml:mrow></mml:math>under pressure. Physical Review B, 2015, | 1.1 | 34 |
| 78 | Superconductivity at 33â€“37 K in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>A</mml:mi><mml:mi>L</mml:mi><mml:msub><mml:mi> mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> <mml:math | | |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Insulator-to-metal transition and large thermoelectric effect in La <sub>1â^'x</sub> Sr <sub>x</sub> MnAsO. Europhysics Letters, 2012, 98, 17009. | 0.7 | 27 |
| 92 | Evidence for two energy gaps and Fermi liquid behavior in the SrPt<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>superconductor. Physical Review B, 2013, 87, . | 1.1 | 27 |
| 93 | Relationship between Superconductivity and Antiferromagnetism in LaFe(As1â^'xPx)O Revealed by 31P-NMR. Journal of the Physical Society of Japan, 2014, 83, 023707. | 0.7 | 27 |
| 94 | Physical properties and electronic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>containing<mml:math mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>containing<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CrO</mml:mi><mml:mn>2</mml:mn></mml:msu. Physical Review B, 2015, 92, . | 1.1 | 27 |
| 95 | <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>RbEu</mml:mi><mml:msub><mml:mrow><mml:mo>( : From a ferromagnetic superconductor to a superconducting ferromagnet. Physical Review B, 2017, 96, . | 1.1 | 27 |
| 96 | <sup>57</sup>Fe and<sup>151</sup>Eu MÃ¶ssbauer spectroscopy and magnetization studies of Eu(Fe<sub>0.89</sub>Co<sub>0.11</sub>)<sub>2</sub>As<sub>2</sub>and Eu(Fe<sub>0.9</sub>Ni<sub>0.1</sub>)<sub>2</sub>As<sub>2</sub>. New Journal of Physics, 2011, 13, 023033. | 1.2 | 26 |
| 97 | Multigap superconductivity in ThAsFeN investigated using <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mi mathvariant="bold">Î¼</mml:mi></mml:mrow><mml:mi mathvariant="bold">SR</mml:mi></mml:mrow></mml:math> measurements. Physical Review B, 2017, 96, . | 1.1 | 26 |
| 98 | High-T c superconductivity in undoped ThFeAsN. Nature Communications, 2017, 8, 156. | 5.8 | 26 |
| 99 | Unique [Mn<sub>6</sub>Bi<sub>5</sub>]<sup>â^'</sup> Nanowires in KMn<sub>6</sub>Bi<sub>5</sub>: A Quasi-One-Dimensional Antiferromagnetic Metal. Journal of the American Chemical Society, 2018, 140, 4391-4400. | 6.6 | 26 |
| 100 | Superconductivity induced by Ni doping in SmFe1â^'xNixAsO. Journal of Physics Condensed Matter, 2009, 21, 355702. | 0.7 | 25 |
| 101 | Eliashberg analysis of optical spectra reveals a strong coupling of charge carriers to spin fluctuations in doped iron-pnictide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m Physical Review B, 2010, 82, . | 1.1 | 25 |
| 102 | Electronic phase diagram in a new BiS<sub>2</sub>-based Sr<sub>1â^'x</sub>La<sub>x</sub>FBiS<sub>2</sub>system. Superconductor Science and Technology, 2014, 27, 035009. | 1.8 | 25 |
| 103 | Scanning tunneling microscopy study of superconductivity, magnetic vortices, and possible charge-density wave in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ta</mml:mi><mml:mn>4</mml:mn></mml:m Physical Review B, 2015, 91, . | 1.1 | 25 |
| 104 | Unique interplay between superconducting and ferromagnetic orders in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuRbFe</mml:mi><mml:mn>4</mml:mn></m Physical Review B, 2018, 98, . | 1.1 | 25 |
| 105 | Ti-rich and Cu-poor grain-boundary layers of CaCu3Ti4O12 detected by x-ray photoelectron spectroscopy. Applied Physics Letters, 2007, 91, 052910. | 1.5 | 24 |
| 106 | Peculiar properties of -chain-based superconductors. Philosophical Magazine, 2017, 97, 591-611. | 0.7 | 24 |
| 107 | Superconductivity at 35â€‰K by self doping in RbGd<sub>2</sub>Fe<sub>4</sub>As<sub>4</sub>O<sub>2</sub>. Journal of Physics Condensed Matter, 2017, 29, 11LT01. | 0.7 | 24 |
| 108 | Anomalous critical fields and the absence of Meissner state in Eu(Fe<sub>0.88</sub>Ir<sub>0.12</sub>)<sub>2</sub>As<sub>2</sub>crystals. New Journal of Physics, 2013, 15, 113002. | 1.2 | 23 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Coexistence of ferromagnetism and superconductivity in iron based pnictides: a time resolved magnetooptical study. Scientific Reports, 2015, 5, 7754. | 1.6 | 23 |
| 110 | MÃ¶ssbauer spectroscopy measurements on the 35.5 K superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Rb</mml:mi><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub><mml:mn>1</mml:mn></mml:mrow></mml:math> Physical Review B, 2018, 97, . | 1.1 | 23 |
| 111 | Structural evolution and superconductivity tuned by valence electron concentration in the Nb-Mo-Re-Ru-Rh high-entropy alloys. Journal of Materials Science and Technology, 2021, 85, 11-17. | 5.6 | 23 |
| 112 | Giant positive magnetoresistance in non-magnetic bismuth nanoparticles. Materials Research Bulletin, 2003, 38, 1645-1651. | 2.7 | 22 |
| 113 | Nodes in the order parameter of superconducting iron pnictides investigated by infrared spectroscopy. Physical Review B, 2010, 82, . | 1.1 | 22 |
| 114 | Nodal superconductivity and superconducting dome in the layered superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ta</mml:mi><mml:mn>1</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2015, 92, . | 1.1 | 22 |
| 115 | Structural properties and superconductivity in the Y1â^'xPrxBaSrCu3O7â^'Î´ system. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 196, 263-266. | 0.9 | 21 |
| 116 | Growth of highly-oriented CaCu 3 Ti 4 O 12 thin films on SrTiO 3 (1 0 0) substrates by a chemical solution route. Applied Surface Science, 2006, 253, 2268-2271. | 3.1 | 21 |
| 117 | Zn-impurity effect and interplay of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>s</mml:mi><mml:mo>Â±</mml:mo></mml:msub></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>s</mml:mi><mml:mrow><mml:mo>+</mml:mo><mml:mo>+</mml:mo></mml:mrow></mml:msub></mml:math> in iron-based superconductors. Physical Review B, 2013, 86, . | 1.1 | 21 |
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