

Cheng Dong

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151
papers

2,178
citations

23
h-index

41
g-index

156
ext. papers

2,358
ext. citations

3.5
avg, IF

4.77
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 151 | PowderX: Windows-95-based program for powder X-ray diffraction data processing. <i>Journal of Applied Crystallography</i> , 1999 , 32, 838-838 | 3.8 | 550 |
| 150 | Polyhedral organic microcrystals: from cubes to rhombic dodecahedra. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 9121-3 | 16.4 | 91 |
| 149 | Synthesis and crystal structure of new rare-earth copper oxyselenides: R ₂ CuSeO (R=La, Sm, Gd and Y). <i>Materials Research Bulletin</i> , 1994 , 29, 143-147 | 5.1 | 73 |
| 148 | Anisotropic resistivity and paraconductivity of Tl ₂ Ba ₂ CaCu ₂ O ₈ single crystals. <i>Physical Review B</i> , 1991 , 43, 12925-12929 | 3.3 | 47 |
| 147 | Magnetovolume effect in intermetallics LaFe ₁₃ Si ₆ . <i>Journal of Physics Condensed Matter</i> , 2006 , 18, 9999-10007 | 1.8 | 46 |
| 146 | Structural origin of the high-voltage instability of lithium cobalt oxide. <i>Nature Nanotechnology</i> , 2021 , 16, 599-605 | 28.7 | 42 |
| 145 | Investigation of structure and electrical properties of Li _{0.5} La _{0.5} TiO ₃ ceramics via microwave sintering. <i>Journal of Alloys and Compounds</i> , 2009 , 481, 555-558 | 5.7 | 41 |
| 144 | Subsolidus phase relations of the La ₂ Co ₂ Cu system and crystal structure of LaCoCu ₁₂ . <i>Journal of Alloys and Compounds</i> , 1995 , 223, 45-48 | 5.7 | 38 |
| 143 | Crystal and local structure refinement in Ca ₂ Al ₃ O ₆ F explored by X-ray diffraction and Raman spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 5952-7 | 3.6 | 37 |
| 142 | Hybrid microwave synthesis and characterization of the compounds in the LiTiD system. <i>Journal of Power Sources</i> , 2008 , 175, 575-580 | 8.9 | 37 |
| 141 | Entropy changes associated with the first-order magnetic transition in LaFe ₁₃ Si ₆ . <i>Journal of Applied Physics</i> , 2006 , 100, 123904 | 2.5 | 37 |
| 140 | CuNNi ₃ : a new nitride superconductor with antiperovskite structure. <i>Superconductor Science and Technology</i> , 2013 , 26, 125015 | 3.1 | 36 |
| 139 | Crystal growth and superconductivity of heavily La-doped Bi-2201 single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 1998 , 308, 294-300 | 1.3 | 36 |
| 138 | A new CuK α -elimination algorithm. <i>Journal of Applied Crystallography</i> , 1999 , 32, 168-173 | 3.8 | 36 |
| 137 | Phase transition behavior of BaTiO ₃ thin films using high-temperature x-ray diffraction. <i>Journal of Applied Physics</i> , 1999 , 86, 4555-4558 | 2.5 | 35 |
| 136 | Preparation and properties of antiperovskite-type nitrides: InNNi ₃ and InNCo ₃ . <i>Journal of Solid State Chemistry</i> , 2009 , 182, 3353-3357 | 3.3 | 33 |
| 135 | Synthesis and crystal structure of barium copper fluochalcogenides:[BaCuFQ (Q=S,Se)]. <i>Materials Research Bulletin</i> , 1994 , 29, 505-508 | 5.1 | 33 |

- 134 A green route for microwave synthesis of sodium tungsten bronzes Na_xWO_3 (0. *Journal of Solid State Chemistry*, **2005**, 178, 58-63 3.3 32
- 133 Influence of carbon content on the lattice variation, magnetic and electronic transport properties in Mn_3SnC_x . *Applied Physics Letters*, **2010**, 96, 041903 3.4 28
- 132 The microstructure study of Co-doped YBCO system. *Physica C: Superconductivity and Its Applications*, **2002**, 377, 348-356 1.3 24
- 131 High pressure synthesis of a new superconductor $\text{Sr}_2\text{CuO}_2+\delta$ induced by bipolar oxygen doping. *Physica C: Superconductivity and Its Applications*, **2005**, 420, 23-29 1.3 24
- 130 Response of the double-layer capacitance of a high-temperature superconductor/fluid electrolyte interface to the onset of superconductivity. *Journal of the American Chemical Society*, **1992**, 114, 6771-6775 16.4 24
- 129 Correction of zero shift in powder diffraction patterns using the reflection-pair method. *Journal of Applied Crystallography*, **1999**, 32, 850-853 3.8 23
- 128 Synthesis of the superconductors $\text{HgBa}_2\text{CaCu}_2\text{O}_6+\delta$ and $\text{HgBa}_2\text{Ca}_2\text{Cu}_3\text{O}_8+\delta$. *Physica C: Superconductivity and Its Applications*, **1993**, 218, 5-7 1.3 23
- 127 GEST: a program for structure determination from powder diffraction data using a genetic algorithm. *Journal of Applied Crystallography*, **2007**, 40, 583-588 3.8 22
- 126 Rapid preparation of MgB_2 superconductor using hybrid microwave synthesis. *Superconductor Science and Technology*, **2004**, 17, L55-L57 3.1 22
- 125 Structural studies of Fe/Pd magnetic multilayers by x-ray diffraction. *Physical Review B*, **1994**, 50, 6119-6125 3.3 21
- 124 Superconductivity and crystal structure in the La-Ba-Cu-O system. *Physical Review B*, **1988**, 37, 5182-5185 3.3 19
- 123 Superconductivity in the $(\text{Sr}_{1-x}\text{Y}_x)\text{CuO}_2$ ($x=0.00-0.30$) system synthesized under high pressure. *Physica C: Superconductivity and Its Applications*, **1994**, 219, 123-128 1.3 18
- 122 The effects of chemical substitutions on the (Pb, Cd)-1212 superconducting cuprates. *Physica C: Superconductivity and Its Applications*, **1994**, 229, 169-176 1.3 17
- 121 Influence of low temperature low oxygen pressure post-annealing on critical current density of $\text{Bi}(\text{Pb})_{2223}/\text{Ag}$ superconductors. *Physica C: Superconductivity and Its Applications*, **2000**, 339, 181-194 1.3 16
- 120 AutoFP: a GUI for highly automated Rietveld refinement using an expert system algorithm based on FullProf. *Journal of Applied Crystallography*, **2015**, 48, 1581-1586 3.8 15
- 119 Polyhedral Organic Microcrystals: From Cubes to Rhombic Dodecahedra. *Angewandte Chemie*, **2009**, 121, 9285-9287 3.6 15
- 118 Voltammetry of Self-Assembled Ferroceneoctanethiol Monolayers on Metal-Coated High-Temperature Superconductor Electrodes at Sub- T_c Temperatures. *Journal of the American Chemical Society*, **1995**, 117, 1121-1126 16.4 15
- 117 Preparation and physical properties of antiperovskite-type compounds $\text{CdNCo}_3\text{Ni}_z$ (0 $\leq z \leq 1$). *Journal of Solid State Chemistry*, **2011**, 184, 1939-1945 3.3 14

- 116 Crystal Structure Origin for Shape-Dependent Emission of 2,5,8,11-Tetra-tert-butylperylene Micro-/Nanocrystals. *Crystal Growth and Design*, **2011**, 11, 3677-3680 3.5 13
- 115 Magnetic entropy change and magnetoresistance in the LaFe_{11.375}Al_{1.625} compound. *Journal of Applied Physics*, **2002**, 91, 7836 2.5 13
- 114 Novel Cobalt Germanium Hydroxide for Electrochemical Water Oxidation. *ACS Applied Materials & Interfaces*, **2018**, 10, 30357-30366 9.5 12
- 113 Cucurbit[8]uril as building block for facile fabrication of well-defined organic crystalline nano-objects with multiple morphologies and compositions. *Small*, **2012**, 8, 561-8 11 12
- 112 Phase relations in the NdCoSi system at 800°C. *Journal of Alloys and Compounds*, **1996**, 241, 191-195 5.7 12
- 111 Structure and superconductivity in the infinite-layer Sr_{1-x}CuO₂ system prepared under high pressure. *Physica C: Superconductivity and Its Applications*, **1994**, 233, 311-320 1.3 12
- 110 The crystal structure of (Pb_{0.5}Cd_{0.5})Sr₂(Y_{1-x}Cax)Cu₂O₇. *Physica C: Superconductivity and Its Applications*, **1994**, 230, 389-396 1.3 12
- 109 Composition dependence of the superconducting properties of the Tl-Ba-Ca-Cu-O system. *Physica C: Superconductivity and Its Applications*, **1992**, 196, 291-296 1.3 12
- 108 EPCryst: a computer program for solving crystal structures from powder diffraction data. *Journal of Applied Crystallography*, **2011**, 44, 230-237 3.8 11
- 107 Superconductivity at 30 K in the Nd₂CuO₄-type cuprate Tm_{1.83}Ca_{0.17}CuO₄. *Physica C: Superconductivity and Its Applications*, **1994**, 230, 385-388 1.3 11
- 106 Crystal structure and superconductivity of rubidium tungsten bronzes RbxWO₃ prepared by a hybrid microwave method. *Materials Research Bulletin*, **2008**, 43, 779-786 5.1 10
- 105 Orthorhombic to Cubic Phase Transition in La_{1-x}CaxMnO₃ Perovskites. *Physica Status Solidi (B): Basic Research*, **2002**, 229, 1145-1154 1.3 10
- 104 Phase separation, effects of magnetic field and high pressure on charge ordering in Na_{0.5}CoO₂. *Materials Chemistry and Physics*, **2005**, 94, 119-124 4.4 10
- 103 Coexistence of magnetism and superconductivity in a new Fe-containing cuprate superconductor (Fe_{0.5}Cu_{0.5})SrBaYC_u2O₇. *Solid State Communications*, **2001**, 119, 579-584 1.6 10
- 102 LAPODS: a computer program for refinement of lattice parameters using optimal regression. *Journal of Applied Crystallography*, **2000**, 33, 1177-1179 3.8 10
- 101 Electronic and magnetic properties of. *Journal of Physics Condensed Matter*, **1998**, 10, 8477-8484 1.8 10
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- 99 Synthesis and electrical conductivity of nanocrystalline tetragonal FeS. *Chinese Physics B*, **2014**, 23, 087203 9

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| 98 | Synthesis and Structure of n = 5 Member of the $A_{n+1}MnO_{3n+3}(A_2O)$ Series. <i>Chemistry of Materials</i> , 2003 , 15, 516-522 | 9.6 | 9 |
| 97 | Phase transformation and critical current density of (Bi, Pb)-2223/Ag superconducting tapes by a low temperature low oxygen pressure post-annealing method. <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 339, 171-180 | 1.3 | 9 |
| 96 | Phase relation, crystal structure, and magnetic properties of La-Co-Si alloys. <i>Physical Review B</i> , 1995 , 51, 60-66 | 3.3 | 9 |
| 95 | Crystal structure and superconductivity of new Pb-based 1222 cuprate $(Pb_{0.5}Cd_{0.5})(Sr_{0.9}Eu_{0.1})_2(Eu_{0.7}Ce_{0.3})_2Cu_2O_{9+\delta}$. <i>Journal of Physics Condensed Matter</i> , 1995 , 7, 5975-5982 | 1.8 | 9 |
| 94 | A combinatory ferroelectric compound bridging simple ABO and A-site-ordered quadruple perovskite. <i>Nature Communications</i> , 2021 , 12, 747 | 17.4 | 9 |
| 93 | The effects of composition, synthesis conditions, oxygen content and F doping on superconductivity and structure for R-substituted Bi-2201. <i>Superconductor Science and Technology</i> , 1996 , 9, 297-302 | 3.1 | 8 |
| 92 | Epitaxial growth of $Bi_2Sr_{2-x}La_xCuO_{6+y}$ thin films by RF-magnetron sputtering. <i>Physica C: Superconductivity and Its Applications</i> , 1998 , 295, 75-79 | 1.3 | 8 |
| 91 | Monolayer formation and Langmuir-Blodgett films of benzimidazole derivatives without alkyl chain. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000 , 175, 165-170 | 5.1 | 8 |
| 90 | Vortex characteristics in a superconducting $Bi_2Sr_{2-x}La_xCuO_{6+y}$ thin film. <i>Physical Review B</i> , 2000 , 62, 11373-11376 | 3.3 | 8 |
| 89 | Topotactic Reduction toward a Noncentrosymmetric Deficient Perovskite $Tb_{0.5}Ca_{0.5}Mn_{0.96}O_{2.37}$ with Ordered Mn Vacancies and Piezoelectric Behavior. <i>Chemistry of Materials</i> , 2017 , 29, 9840-9850 | 9.6 | 7 |
| 88 | PeckCryst: a program for structure determination from powder diffraction data using a particle swarm optimization algorithm. <i>Journal of Applied Crystallography</i> , 2009 , 42, 1189-1193 | 3.8 | 7 |
| 87 | Crystal structure and electrical properties of $CaxWO_3$ (0.01 \leq x \leq 0.15) prepared by hybrid microwave synthesis. <i>Materials Research Bulletin</i> , 2006 , 41, 655-661 | 5.1 | 7 |
| 86 | A simple volumetric method for oxygen content determination in high-Tc doped YBCO compositions. <i>Physica C: Superconductivity and Its Applications</i> , 2002 , 383, 17-22 | 1.3 | 7 |
| 85 | Competition of superconductivity and charge density wave order in $NaxTaS_2$ single crystals. <i>Science and Technology of Advanced Materials</i> , 2005 , 6, 736-739 | 7.1 | 7 |
| 84 | A new family of Pb-based 1222 cuprates $Pb(Sr,La)_2Ln_2Cu_2O_z$ (Ln = Gd, Dy, Eu, and Pr). <i>Physica C: Superconductivity and Its Applications</i> , 1995 , 249, 196-201 | 1.3 | 7 |
| 83 | Critical current density and flux pinning in $Gd_{1-x}Y_xBa_2Cu_3O_{7-y}$ epitaxial thin films. <i>Physica C: Superconductivity and Its Applications</i> , 1995 , 250, 55-58 | 1.3 | 7 |
| 82 | Influence of fluorine on the properties of $Nd_{1.85}Ce_{0.15}CuO_4$ Th-type superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 260, 64-70 | 1.3 | 7 |
| 81 | Thermopower of $Tl_2Ba_2CuO_6$ bulk superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 176, 368-372 | 1.3 | 7 |

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| 80 | Significant enhancement of superconductivity in copper-doped 2H-TaSe ₂ . <i>Superconductor Science and Technology</i> , 2017 , 30, 125001 | 3.1 | 6 |
| 79 | Structural classification and a binary structure model for superconductors. <i>Chinese Physics B</i> , 2006 , 15, 3005-3013 | | 6 |
| 78 | Structural refinement of RE ₂ A Cu ₂ O ₆ from powder X-ray diffraction data (RE=La, Nd, A=Sr, Ca). <i>Physica C: Superconductivity and Its Applications</i> , 1999 , 313, 285-293 | 1.3 | 6 |
| 77 | Preparation of the single phase LaBa ₂ Cu ₃ O _y superconductor with T _c (0)=97 K and suppression of the substitution of La for Ba. <i>Journal of Alloys and Compounds</i> , 1999 , 290, 298-303 | 5.7 | 6 |
| 76 | Synthesis and superconducting properties of (Pb _{0.5} Cd _{0.5})Sr ₂ (Y _{0.5} Ca _{0.5})Cu ₂ O ₇ . <i>Physica C: Superconductivity and Its Applications</i> , 1995 , 245, 281-286 | 1.3 | 6 |
| 75 | X-ray reflectivity studies of the effect of surfactant on the growth of GeSi superlattices. <i>Journal of Applied Physics</i> , 1995 , 78, 1681-1684 | 2.5 | 6 |
| 74 | The unsymmetry X-ray diffraction method and quantitative texture analysis of textured Bi-2212 samples. <i>Superconductor Science and Technology</i> , 1995 , 8, 439-442 | 3.1 | 6 |
| 73 | Superconductivity about 120 K in the Tl-Bi-Sr-Ca-Cu-O system. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 161, 257-261 | 1.3 | 6 |
| 72 | Superconductivity in the R?Tl?Sr?Cu?O system with R = rare earths. <i>Solid State Communications</i> , 1989 , 71, 739-741 | 1.6 | 6 |
| 71 | Superconductivity in a misfit compound (PbSe) _{1.12} (TaSe ₂). <i>Superconductor Science and Technology</i> , 2018 , 31, 125010 | 3.1 | 6 |
| 70 | High pressure induced coordination evolution in chain compound Li ₂ CuO ₂ . <i>Journal of Solid State Chemistry</i> , 2009 , 182, 3085-3090 | 3.3 | 5 |
| 69 | La _{1.6} Sr _{0.4} CaCu ₄ O _{4+δ} superconductor synthesized at ambient pressure. <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 273, 296-300 | 1.3 | 5 |
| 68 | Crystal structure and electrical properties of new tungsten bronzes: BxWO ₃ (0.01 \leq x \leq 0.08). <i>Materials Research Bulletin</i> , 2007 , 42, 1384-1389 | 5.1 | 5 |
| 67 | Superconducting phases, charge ordering and possible correlation between them in La ₂ CuO ₄ . ₁₂ . <i>Superconductor Science and Technology</i> , 2001 , 14, 398-405 | 3.1 | 5 |
| 66 | Superconducting phase with T _c of 17K in La ₂ CuO ₄ + δ . <i>Solid State Communications</i> , 2000 , 114, 107-111 | 1.6 | 5 |
| 65 | Preparation condition, structure and superconductivity of LaBaMCu ₃ O _y (M=Ba, Sr, Ca). <i>Materials Letters</i> , 1999 , 40, 222-227 | 3.3 | 5 |
| 64 | Stability of the infinite layer SrCuO ₂ studied by high temperature X-ray diffraction. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 995-996 | 1.3 | 5 |
| 63 | 90 K bulk superconductivity in the Tl-Ba-Ce-Cu-O system. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 158, 507-510 | 1.3 | 5 |

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| 62 | Formation of ZnO Tetrahedra and ZnO Octahedra in TeZnO Synthesized under High Pressure. <i>Inorganic Chemistry</i> , 2018 , 57, 6716-6721 | 5.1 | 5 |
| 61 | Low-temperature physical properties and electronic structures of Ni ₃ Sb, Ni ₅ Sb ₂ , NiSb ₂ , and NiSb. <i>Chinese Physics B</i> , 2015 , 24, 067201 | 1.2 | 4 |
| 60 | Enhancement of the critical current density and upper critical field in Zr and Mo co-doped Nb ₃ Sn. <i>Superconductor Science and Technology</i> , 2010 , 23, 025016 | 3.1 | 4 |
| 59 | Crystal structure and physical properties of the new ternary compound MgNi ₇ B ₃ . <i>Journal of Alloys and Compounds</i> , 2010 , 493, 31-34 | 5.7 | 4 |
| 58 | Electron-electron interaction in multiwall carbon nanotubes. <i>Solid State Communications</i> , 2002 , 121, 149-153 | 1.6 | 4 |
| 57 | A novel synthesis approach to transition metal boracites. <i>Journal of Materials Chemistry</i> , 2002 , 12, 1771-1774 | 4 | |
| 56 | New 1212 type (Pb, Cd) based cuprate superconducting system (Pb _{0.5} Cd _{0.5})Sr ₂ (Tb _{1-x} Cax)Cu ₂ O ₇ . <i>Physica C: Superconductivity and Its Applications</i> , 1995 , 251, 110-114 | 1.3 | 4 |
| 55 | Superconductivity in the quaternary compounds LNi ₄ B ₄ C with L=Y, Ho, Er, and Tm. <i>Physical Review B</i> , 1995 , 51, 8395-8397 | 3.3 | 4 |
| 54 | Synthesis and Crystal Structure of New Pb-Based Copper Oxides (Pb _{0.5} M _{0.5})(Sr _{0.9} Ho _{0.1}) ₂ (Ho _{0.7} Ce _{0.3}) ₂ Cu ₂ O _y (M= Pb and Cd). <i>Journal of Solid State Chemistry</i> , 1996 , 123, 313-316 | 3.3 | 4 |
| 53 | The high-pressure synthesis, microstructure and superconductivity of infinite-layer (Sr _{1-x} Pr _x)CuO ₂ . <i>Superconductor Science and Technology</i> , 1994 , 7, 832-840 | 3.1 | 4 |
| 52 | SMEPOC: a computer program for the automatic generation of trial structural models for inorganic compounds with symmetry restriction. <i>Journal of Applied Crystallography</i> , 2009 , 42, 953-958 | 3.8 | 3 |
| 51 | Preparation and the physical properties of antiperovskite-type compounds Cd _{1-x} In _x NNi ₃ (0 ≤ x ≤ 0.2) and Cd _{1-y} Cu _y . <i>Chinese Physics B</i> , 2012 , 21, 047401 | 1.2 | 3 |
| 50 | Relationship between the lattice parameter and superconductivity in the 2-1-4 series n-type cuprates. <i>Physical Review B</i> , 1997 , 55, 3935-3942 | 3.3 | 3 |
| 49 | The effects of sulphur substitution on Y(Ba,Sr) ₂ Cu _{2.5} B _{0.5} O _z systems. <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 278, 107-112 | 1.3 | 3 |
| 48 | The effects of Ti and Cr co-doping on the structure and superconductivity of V ₃ Si. <i>Superconductor Science and Technology</i> , 2008 , 21, 035004 | 3.1 | 3 |
| 47 | Effect of oxygen redistribution in Bi-based high-T _c superconductors on their normal and superconducting properties. <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 337, 327-330 | 1.3 | 3 |
| 46 | Analysis of the interfaces of and multilayers. <i>Journal of Physics Condensed Matter</i> , 1999 , 11, 945-954 | 1.8 | 3 |
| 45 | Effects of preparation condition on structure and superconductivity in the LaBCO system. <i>Materials Letters</i> , 1999 , 39, 305-309 | 3.3 | 3 |

- 44 Determination of the solid-solution region of infinite-layer compound ($\text{Sr}_x\text{Ca}_{1-x}\text{CuO}_2$) under ambient pressure by X-ray diffraction. *Physica C: Superconductivity and Its Applications*, **1996**, 264, 19-21 1.3 3
- 43 High-Temperature X-Ray Diffraction Study on Stability of the Infinite-Layer SrCuO_2 . *Journal of Solid State Chemistry*, **1994**, 112, 211-213 3.3 3
- 42 Effect of quenching on the superconductivity and oxygen content of $\text{Bi}(\text{Pb})\text{-}2223$ phase. *Solid State Communications*, **1994**, 89, 903-906 1.6 3
- 41 $\text{HgBa}_2\text{Ca}_n\text{Cu}_n\text{O}_{2n+2}$ system phase diagram and the formation of $\text{HgBa}_2\text{Ca}_n\text{Cu}_n\text{O}_{2n+2}$ superconducting phases. *Journal of Materials Research*, **1995**, 10, 1358-1361 2.5 3
- 40 PHASE RELATION, CRYSTAL STRUCTURE AND SUPERCONDUCTIVITY IN Ba-La-Cu-O SYSTEM. *International Journal of Modern Physics B*, **1987**, 01, 323-326 1.1 3
- 39 Preparation and properties of a new ternary phase $\text{Mg}_{3+x}\text{Ni}_7\text{B}_2$ ($0.17 \leq x \leq 0.66$) and its Cu-doping effect. *Journal of Solid State Chemistry*, **2015**, 226, 24-28 3.3 2
- 38 Synthesis, crystal structure and superconducting properties of calcium intercalates of MoS_2 . *Journal of Solid State Chemistry*, **2018**, 258, 131-137 3.3 2
- 37 Regiochemistry-Aligned Copolymerization of Propylene with p-Methylstyrene and 1,4-Divinylbenzene Using an ansa-Metallocene Catalyst. *Macromolecular Chemistry and Physics*, **2014**, 215, 1776-1784 2.6 2
- 36 Sealed-tube synthesis and phase diagram of Li_xTiS_2 ($0 \leq x \leq 1$). *Materials Research Bulletin*, **2015**, 61, 499-503 5.1 2
- 35 Ferroelectric properties of cerium doped barium titanate ($\text{BaTiO}_3\text{:Ce}$). *Ferroelectrics*, **1997**, 195, 69-72 0.6 2
- 34 Ca doped $\text{YBaSrCu}_2\text{Sb}_{0.5}\text{S}_x\text{O}_z$ series: combination effect of the cation and oxyanion doping. *Physica C: Superconductivity and Its Applications*, **1998**, 296, 225-229 1.3 2
- 33 Hybrid-microwave synthesis of pure and Cu-doped CaAlSi superconductors. *Superconductor Science and Technology*, **2008**, 21, 015010 3.1 2
- 32 The properties of V-substituted $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ superconductor. *Physica C: Superconductivity and Its Applications*, **2003**, 384, 75-80 1.3 2
- 31 Impossibility of superconducting state in multiwall carbon nanotubes and single crystal graphite. *Physica C: Superconductivity and Its Applications*, **2003**, 388-389, 622-623 1.3 2
- 30 The property of $(\text{Bi,Pb})\text{-}2223$ Ag/AgCu sheathed superconductors with various sheath assemblages. *Physica C: Superconductivity and Its Applications*, **2001**, 351, 125-138 1.3 2
- 29 Measurements of Raman scattering, x-ray photo-emission and superconductivity on Ag-diffused MgCNi_3 . *Superconductor Science and Technology*, **2002**, 15, 1316-1319 3.1 2
- 28 Synthesis and crystal structure of copper oxybromides [$\text{M}_2\text{Cu}_3\text{O}_4\text{Br}_2$ ($\text{M}=\text{Sr,Ba}$)]. *Materials Research Bulletin*, **1994**, 29, 219-223 5.1 2
- 27 Tl-Ba-Ca-Cu-O superconducting thin films with postdeposition processing using Tl-containing thin films as Tl source. *Journal of Applied Physics*, **1991**, 70, 6495-6497 2.5 2

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| 26 | Charge Density Wave and Crystal Structure of (K_xWO_3) ($x=0.20$ and 0.22) Prepared by Hybrid Microwave Method. <i>Journal of Low Temperature Physics</i> , 2017 , 188, 1-10 | 1.3 | 1 |
| 25 | Synthesis, crystal structure and physical properties of kiddcreekite Cu_6WSnS_8 and its congener $\text{Cu}_6\text{WSnSe}_8$. <i>Journal of Solid State Chemistry</i> , 2019 , 278, 120918 | 3.3 | 1 |
| 24 | An approach for eliminating chemically unreasonable structure models with overlapping atoms as implemented within the GEST software. <i>Journal of Applied Crystallography</i> , 2010 , 43, 179-180 | 3.8 | 1 |
| 23 | GENEFP: a full-profile fitting program for X-ray powder patterns using the genetic algorithm. <i>Journal of Applied Crystallography</i> , 2006 , 39, 615-617 | 3.8 | 1 |
| 22 | A new metastable phase with T_c of 32 K in $\text{La}_2\text{CuO}_{4+\delta}$ system. <i>IEEE Transactions on Applied Superconductivity</i> , 2001 , 11, 3403-3406 | 1.8 | 1 |
| 21 | The effect of Ca doping on the superconductivity of $(\text{R}_{0.4}\text{Pr}_{0.6})\text{Ba}_2\text{Cu}_3\text{O}_{7-x}$ compounds prepared at high pressure (R = La, Pr, Nd, Sm, Eu, Gd and Y). <i>Journal of Physics Condensed Matter</i> , 2002 , 14, 10693-10698 | 1.8 | 1 |
| 20 | The effect of Cu doping in the NiO_2 plane on the stripe phase in $\text{La}_{1.67}\text{Sr}_{0.33}\text{NiO}_4$. <i>Journal of Physics Condensed Matter</i> , 2002 , 14, 5539-5548 | 1.8 | 1 |
| 19 | Metal-insulator transition and possible superconductivity in $\text{Pb}_{2.2}\text{Cu}_{0.8}\text{Sr}_{3.1}\text{La}_{1.5}\text{Cu}_{1.5}\text{O}_y$ with hexagonal structure. <i>Materials Research Innovations</i> , 2000 , 3, 212-217 | 1.9 | 1 |
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| 17 | The crystal structure and electrical properties of solid solutions $\text{Nd}_{2-x}\text{Pr}_x\text{CuO}_4$. <i>Physica Status Solidi A</i> , 1995 , 148, 219-228 | | 1 |
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