

Winnie Wong-Ng

List of Publications by Year in descending order

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139
papers

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3572
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Powder X-ray structural analysis and bandgap measurements for $(\text{Ca}_{1-x}\text{Sr}_x)_2\text{MnWO}_6$ ($x = 0.25, 0.5, 0.75, 1.5, 1.75$). Powder Diffraction, 2022, 37, 122-132. | 0.4 | 1 |
| 2 | Thermal and mechanical properties of the clathrate-II $\text{Na}_{12}\text{Mn}_{12}$. Physical Review B, 2022, 105, . | 1.2 | 2 |
| 3 | Crystal chemistry, X-ray diffraction reference patterns, and bandgap studies for $(\text{Ba}_{1-x}\text{Sr}_x)_2\text{CoWO}_6$ ($x = 0.1, 0.2$). Tj ETQq 141 0.784314 rgBT 2/Overlock 1 | 1.4 | 1 |
| 4 | Synthesis, structural and sorption characterization of a Hofmann compound, $\text{Ni}(\text{3-methyl-4,4'-bipyridine})[\text{Ni}(\text{CN})_4]$. Polyhedron, 2021, 200, 115132. | 1.0 | 5 |
| 5 | Structural and thermoelectric properties of $\text{Pb}_4\text{In}_2.6\text{Bi}_3.4\text{Se}_{13}$. Powder Diffraction, 2021, 36, 151-158. | 0.4 | 0 |
| 6 | Density Functional Theory Study of the Structure of the Pillared Hofmann Compound $\text{Ni}(\text{3-Methyl-4,4'-bipyridine})[\text{Ni}(\text{CN})_4]$ (Ni-BpyMe or PICNIC-21). Journal of Physical Chemistry C, 2021, 125, 15882-15889. | 1.5 | 3 |
| 7 | Crystal structure, sorption properties, and electronic structure of flexible MOF, $(\text{Ni-4,4'-azopyridine})[\text{Ni}(\text{CN})_4]$. Solid State Sciences, 2021, 118, 106646. | 1.5 | 5 |
| 8 | Development of a high-temperature (295-900 K) Seebeck coefficient Standard Reference Material. Journal of Materials Research, 2021, 36, 3339-3352. | 1.2 | 5 |
| 9 | Metal-Insulator Transition in Doped Barium Plumbates. Electronic Materials, 2021, 2, 428-444. | 0.9 | 1 |
| 10 | The 2019 Materials Science & Technology (MS&T19) Conference and Exhibition. Powder Diffraction, 2020, 35, 147-149. | 0.4 | 0 |
| 11 | Special section "Crystallography and properties of metal-organic framework (MOF) compounds. Powder Diffraction, 2020, 35, 2-2. | 0.4 | 0 |
| 12 | Crystal chemistry, X-ray diffraction reference patterns, and bandgap studies for $(\text{Ba}_x\text{Sr}_{1-x})_2\text{CoWO}_6$ (x). Tj ETQq 0,0,0 rgBT 2/Overlock 1 | 0.4 | 2 |
| 13 | Crystal chemistry and phase equilibria of the $\text{CaO}-\frac{1}{2}\text{H}_2\text{O}_3-\text{CoO}_z$ system at 885°C in air. Solid State Sciences, 2020, 107, 106348. | 1.5 | 1 |
| 14 | Powder X-ray structural studies and reference diffraction patterns for three forms of porous aluminum terephthalate, MIL-53(A1). Powder Diffraction, 2019, 34, 216-226. | 0.4 | 4 |
| 15 | Structural and optical properties of $\text{Ba}_3(\text{Nb}_6-x\text{Ta}_x)\text{Si}_4\text{O}_{26}$ ($x = 0.6, 1.8, 3.0, 4.2, 5.4$). Powder Diffraction, 2019, 34, 331-338. | 0.4 | 1 |
| 16 | Structural and optical properties of $\text{Ba}(\text{Co}_{1-x}\text{Zn}_x)\text{SiO}_4$ (x). Tj ETQq 0,0,0 rgBT 4/Overlock 1 | 0.4 | 4 |
| 17 | Structural Basis of CO ₂ Adsorption in a Flexible Metal-Organic Framework Material. Nanomaterials, 2019, 9, 354. | 1.9 | 10 |
| 18 | 2019 American Crystallographic Association Annual Meeting Report. Powder Diffraction, 2019, 34, 396-399. | 0.4 | 0 |

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|----|--|------|-----------|
| 19 | Special section: Crystallography and properties of metal-organic framework compounds. Powder Diffraction, 2019, 34, 295-295. | 0.4 | 0 |
| 20 | Topology of voids and channels in selected porphyrinic compounds. Powder Diffraction, 2019, 34, 302-310. | 0.4 | 0 |
| 21 | Crystal chemistry and phase equilibria of the CaO- $\frac{1}{2}$ Dy ₂ O ₃ -CoO ₂ system at 885 \pm 10 $^{\circ}$ C in air. Solid State Sciences, 2019, 88, 57-62. | 1.5 | 1 |
| 22 | Synthesis and synchrotron X-ray characterization of two 2D Hoffman related compounds [Ni(p-Xylylenediamine) _n Ni(CN) ₄] and [Ni(p-tetrafluoroxlylenediamine) _n Ni(CN) ₄]. Solid State Sciences, 2018, 81, 12-18. | 1.5 | 3 |
| 23 | Synchrotron X-ray diffraction study of double perovskites Sr ₂ R ₂ NbO ₆ (R = Sm, Gd, Dy, Ho, Y, Tm, and Lu). Powder Diffraction, 2018, 33, 279-286. | 0.4 | 4 |
| 24 | Electronic structure, pore size distribution, and sorption characterization of an unusual MOF, {[Ni(dpbz)][Ni(CN) ₄]} _n , dpbz = 1,4-bis(4-pyridyl)benzene. Journal of Applied Physics, 2018, 123, 245105. | 1.1 | 9 |
| 25 | Recent Advances of Graphitic Carbon Nitride-Based Structures and Applications in Catalyst, Sensing, Imaging, and LEDs. Nano-Micro Letters, 2017, 9, 47. | 14.4 | 348 |
| 26 | Thermoelectric properties of the LaCoO ₃ -LaCrO ₃ system using a high-throughput combinatorial approach. Solid State Sciences, 2017, 64, 7-12. | 1.5 | 13 |
| 27 | Phase equilibria and crystal chemistry of the CaO- $\frac{1}{2}$ Gd ₂ O ₃ -CoO ₂ system at 885 \pm 10 $^{\circ}$ C in air. Solid State Sciences, 2017, 72, 47-54. | 1.5 | 4 |
| 28 | Structure/property relationships of the thermoelectric oxyselenides (Bi _{1-x} A _x CuOSe) (A=Ba and Ca). Solid State Sciences, 2017, 72, 55-63. | 1.5 | 9 |
| 29 | X-ray diffraction study of distorted perovskites R(Co _{3/4} Ti _{1/4})O ₃ (R = La, Pr, Nd, Sm, Eu, Gd, Dy, Ho). Powder Diffraction, 2017, 32, 237-243. | 0.4 | 0 |
| 30 | Polymorphism and Structural Distortions of Mixed-Metal Oxide Photocatalysts Constructed with $\sqrt{3}\times\sqrt{3}\times\sqrt{3}$ Types of Layers. Crystals, 2017, 7, 145. | 1.0 | 6 |
| 31 | Structural Aspects of Porphyrins for Functional Materials Applications. Crystals, 2017, 7, 223. | 1.0 | 63 |
| 32 | Crystallography of Functional Materials. Crystals, 2017, 7, 279. | 1.0 | 4 |
| 33 | Crystallography of Representative MOFs Based on Pillared Cyanonickelate (PICNIC) Architecture. Crystals, 2016, 6, 108. | 1.0 | 8 |
| 34 | Free-Standing Self-Assemblies of Gallium Nitride Nanoparticles: A Review. Micromachines, 2016, 7, 121. | 1.4 | 7 |
| 35 | X-ray powder diffraction reference patterns for Bi _{1-x} Pb _x OCuSe. Powder Diffraction, 2016, 31, 223-228. | 0.4 | 8 |
| 36 | X-ray diffraction and density functional theory studies of R ₂ (Fe _{0.5} Co _{0.5})O ₃ (R = Pr, Nd, Sm, Eu, Gd). Powder Diffraction, 2016, 31, 259-266. | 0.4 | 5 |

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|----|--|-----|-----------|
| 37 | Crystal chemistry and X-ray diffraction patterns for $\text{Co}(\text{Ni}_x\text{Zn}_{1-x})\text{Nb}_4\text{O}_{12}$ ($x = 0.2, 0.4$). <i>Tj ETQq1 1 0.784314</i> | 1.0 | 14 |
| 38 | Crystal chemistry and phase equilibria of the $\text{CaO}-\frac{1}{2}\text{Eu}_2\text{O}_3-\text{CoO}$ system at 885°C . <i>Solid State Sciences</i> , 2016, 58, 105-110. | 1.5 | 6 |
| 39 | Synchrotron X-ray investigation of H^\pm -Chlorohemin, $\text{C}_{34}\text{H}_{32}\text{ClFeN}_4\text{O}_4$, an Fe-porphyrin. <i>Solid State Sciences</i> , 2016, 53, 63-70. | 1.5 | 7 |
| 40 | Synthesis and structural characterization of a flexible metal organic framework <i>Sciences</i> , 2016, 52, 1-9. | 1.5 | 9 |
| 41 | CO_2 capture and positional disorder in $\text{Cu}_3(1,3,5\text{-benzenetricarboxylate})_2$: An in situ laboratory X-ray powder diffraction study. <i>Journal of Alloys and Compounds</i> , 2016, 656, 200-205. | 2.8 | 9 |
| 42 | X-ray powder reference patterns for magnetoplumbite-like compounds, $(\text{Ba}_x\text{Sr}_{1-x})\text{Ti}_6\text{Co}_6\text{O}_{19}$ ($x = 0.2$). <i>Tj ETQq0.0 0.0 rgBT /Overlock 1</i> | 0.4 | 1 |
| 43 | X-ray powder diffraction studies of $(\text{Ba}_x\text{Sr}_{1-x})_2\text{Co}_2\text{Fe}_{12}\text{O}_{22}$ and $(\text{Ba}_x\text{Sr}_{1-x})\text{Co}_2\text{Fe}_{16}\text{O}_{27}$. <i>Powder Diffraction</i> , 2015, 30, 139-148. | 0.4 | 3 |
| 44 | Seebeck Coefficient Metrology: Do Contemporary Protocols Measure Up?. <i>Journal of Electronic Materials</i> , 2015, 44, 1998-2006. | 1.0 | 18 |
| 45 | High Throughput Screening Tools for Thermoelectric Materials. <i>Journal of Electronic Materials</i> , 2015, 44, 1688-1696. | 1.0 | 8 |
| 46 | Flexible metal-organic framework compounds: In situ studies for selective CO_2 capture. <i>Journal of Alloys and Compounds</i> , 2015, 647, 24-34. | 2.8 | 25 |
| 47 | Reference diffraction patterns, microstructure, and pore-size distribution for the copper (II) benzene-1,3,5-tricarboxylate metal organic framework (Cu-BTC) compounds. <i>Powder Diffraction</i> , 2015, 30, 2-13. | 0.4 | 23 |
| 48 | Phase equilibria and crystal chemistry of the $\text{CaO}-\frac{1}{2}\text{Sm}_2\text{O}_3-\text{CoO}$ system at 885°C in air. <i>Solid State Sciences</i> , 2015, 48, 31-38. | 1.5 | 10 |
| 49 | Thermocyclic stability of candidate Seebeck coefficient standard reference materials at high temperature. <i>Journal of Applied Physics</i> , 2014, 115, . | 1.1 | 12 |
| 50 | Development and Applications of Non-destructive Screening Tools for Thermoelectric Materials at NIST. <i>Ferroelectrics</i> , 2014, 470, 241-259. | 0.3 | 1 |
| 51 | Structural characterization of Bi_2Te_3 and Sb_2Te_3 as a function of temperature using neutron powder diffraction and extended X-ray absorption fine structure techniques. <i>Journal of Applied Physics</i> , 2014, 116, . | 1.1 | 29 |
| 52 | Phase equilibria and crystal chemistry of the $\text{CaO}-\frac{1}{2}\text{Nd}_2\text{O}_3-\text{CoO}$ system at 885°C in air. <i>Journal of Solid State Chemistry</i> , 2014, 215, 128-134. | 1.4 | 26 |
| 53 | X-ray powder reference patterns of the $\text{Fe}(\text{Sb}_{2-x}\text{Te}_{1-x})$ skutterudites for thermoelectric applications. <i>Powder Diffraction</i> , 2014, 29, 260-264. | 0.4 | 3 |
| 54 | Investigation of NaY Zeolite with adsorbed CO_2 by neutron powder diffraction. <i>Microporous and Mesoporous Materials</i> , 2013, 172, 95-104. | 2.2 | 59 |

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|----|--|-----|-----------|
| 55 | Measurement, Standards, and Data Needs for CO ₂ Capture Materials: A Critical Review. Environmental Science & Technology, 2013, 47, 11960-11975. | 4.6 | 135 |
| 56 | Phase diagram and crystal chemistry of the La-Ca-Co-O system. Solid State Sciences, 2013, 17, 107-110. | 1.5 | 21 |
| 57 | Improved synthesis and crystal structure of the flexible pillared layer porous coordination polymer: Ni(1,2-bis(4-pyridyl)ethylene)[Ni(CN) ₄]. CrystEngComm, 2013, 15, 4684. | 1.3 | 22 |
| 58 | A temperature dependent screening tool for high throughput thermoelectric characterization of combinatorial films. Review of Scientific Instruments, 2013, 84, 115110. | 0.6 | 15 |
| 59 | Synchrotron X-ray studies of metal-organic framework <i>M</i> ₂ (2,5-dihydroxyterephthalate), <i>M</i> = (Mn, Co, Ni, Zn) (MOF74). Powder Diffraction, 2012, 27, 256-262. | 0.4 | 48 |
| 60 | Thermoelectric properties and structural variations in Bi ₂ Te _{3-x} S _x crystals. Applied Physics Letters, 2012, 100, . | 1.5 | 13 |
| 61 | Time-Dependent CO ₂ Sorption Hysteresis in a One-Dimensional Microporous Octahedral Molecular Sieve. Journal of the American Chemical Society, 2012, 134, 7944-7951. | 6.6 | 74 |
| 62 | Evaluation of the Current Status of the Combinatorial Approach for the Study of Phase Diagrams. Journal of Research of the National Institute of Standards and Technology, 2012, 117, 304. | 0.4 | 7 |
| 63 | Simple Approach for Selective Crystal Growth of Intermetallic Clathrates. Chemistry of Materials, 2011, 23, 1491-1495. | 3.2 | 52 |
| 64 | High-resolution synchrotron X-ray powder diffraction study of bis(2-methylimidazolyl)-zinc, C ₈ H ₁₀ N ₄ Zn (ZIF-8). Powder Diffraction, 2011, 26, 234-237. | 0.4 | 28 |
| 65 | Interactions of Ba ₂ YCu ₃ O _{6+x} with SrTiO ₃ substrate. Physica C: Superconductivity and Its Applications, 2011, 471, 250-257. | 0.6 | 3 |
| 66 | Selective Adsorption of CO ₂ from Light Gas Mixtures by Using a Structurally Dynamic Porous Coordination Polymer. Angewandte Chemie - International Edition, 2011, 50, 10888-10892. | 7.2 | 52 |
| 67 | Phase diagram, crystal chemistry and thermoelectric properties of compounds in the Ca-Co-Zn-O system. Journal of Solid State Chemistry, 2011, 184, 2159-2166. | 1.4 | 26 |
| 68 | Development of a Seebeck coefficient Standard Reference Material, μ . Journal of Materials Research, 2011, 26, 1983-1992. | 1.2 | 39 |
| 69 | Correlation of thermoelectric and microstructural properties of p-type CeFe ₄ Sb ₁₂ melt-spun ribbons using a rapid screening method. Applied Physics Letters, 2011, 98, 142106. | 1.5 | 15 |
| 70 | Interactions of Ba ₂ YCu ₃ O _{6+y} with the Gd ₃ NbO ₇ buffer layer in coated conductors. Journal of Solid State Chemistry, 2010, 183, 649-657. | 1.4 | 2 |
| 71 | On the Design of High-Efficiency Thermoelectric Clathrates through a Systematic Cross-Substitution of Framework Elements. Advanced Functional Materials, 2010, 20, 755-763. | 7.8 | 195 |
| 72 | Phase equilibria of the Ba-Sm-Y-Cu-O system for coated conductor applications. Journal of Solid State Chemistry, 2010, 183, 2855-2861. | 1.4 | 0 |

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|----|--|-----|-----------|
| 73 | Interfacial reactions of Ba ₂ YCu ₃ O _{6+z} with coated conductor buffer layer, LaMnO ₃ . Physica C: Superconductivity and Its Applications, 2010, 470, 345-351. | 0.6 | 6 |
| 74 | Phase compatibility and thermoelectric properties of compounds in the Sr-Ca-Co-O system. Journal of Applied Physics, 2010, 107, . | 1.1 | 31 |
| 75 | Structural and thermoelectric properties of Bi ₂ Sr ₂ Co ₂ O _y thin films on LaAlO ₃ (100) and fused silica substrates. Applied Physics Letters, 2009, 94, 022110. | 1.5 | 36 |
| 76 | A phase relation study of Ba-Y-Cu-O coated-conductor films using the combinatorial approach. Applied Physics Letters, 2009, 94, 171910. | 1.5 | 6 |
| 77 | Thermoelectric and structural characterization of Ba ₂ Ho(Cu _{3-\tilde{x}Co_{\tilde{x}})O_{6+y}. Journal of Applied Physics, 2009, 105, 063706.} | 1.1 | 4 |
| 78 | Round-robin measurements of two candidate materials for a Seebeck coefficient Standard Reference Material, C. Applied Physics A: Materials Science and Processing, 2009, 94, 231-234. | 1.1 | 35 |
| 79 | Development of a Seebeck coefficient Standard Reference Material. Applied Physics A: Materials Science and Processing, 2009, 96, 511-514. | 1.1 | 40 |
| 80 | Phase equilibria and crystal chemistry of the R-Cu-Ti-O systems (R=lanthanides and Y). Journal of Solid State Chemistry, 2009, 182, 1142-1148. | 1.4 | 10 |
| 81 | Statistical Analysis of a Round-Robin Measurement Survey of Two Candidate Materials for a Seebeck Coefficient Standard Reference Material. Journal of Research of the National Institute of Standards and Technology, 2009, 114, 37. | 0.4 | 19 |
| 82 | X-ray and neutron powder diffraction studies of Ba(Nd _x Y _{2-\tilde{x}})CuO ₅ . Journal of Solid State Chemistry, 2008, 181, 3236-3242. | 1.4 | 3 |
| 83 | Phase evolution in Ba-(Nd,Eu,Gd)-Cu-O-coated conductor films. Journal of Materials Research, 2008, 23, 2067-2071. | 1.2 | 1 |
| 84 | Phase relations in the Ba-Y-Cu-O films on SrTiO ₃ for the ex situ BaF ₂ process. Applied Physics Letters, 2007, 90, 102508. | 1.5 | 4 |
| 85 | Texture and phase analysis of a Ca ₃ Co ₄ O ₉ ·Si (100) thermoelectric film. Journal of Applied Physics, 2007, 102, 033520. | 1.1 | 28 |
| 86 | A high-throughput thermoelectric power-factor screening tool for rapid construction of thermoelectric property diagrams. Applied Physics Letters, 2007, 91, . | 1.5 | 48 |
| 87 | Subsolidus phase relationships of the BaO-R ₂ O ₃ -CuO _z (R=Tm and Yb) systems under carbonate-free conditions at =100Pa, and T=750°C and 810°C. Journal of Alloys and Compounds, 2007, 437, 58-63. | 2.8 | 3 |
| 88 | Kinetic Studies of the Interfacial Reaction of the Ba ₂ YCu ₃ O _{6+x} Superconductor with a CeO ₂ Buffer. Journal of Electronic Materials, 2007, 36, 1293-1298. | 1.0 | 6 |
| 89 | Phase Equilibria of BaO-R ₂ O ₃ -CuO \tilde{z} Systems (R = Y and Lanthanides) under CO ₂ -free Conditions. Journal of Electronic Materials, 2007, 36, 1279-1287. | 1.0 | 4 |
| 90 | Development of a high-throughput thermoelectric screening tool for combinatorial thin film libraries. Applied Surface Science, 2007, 254, 765-767. | 3.1 | 39 |

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|-----|---|-----|-----------|
| 91 | X-ray and neutron powder diffraction studies of $(\text{Ba}_{1-x}\text{Sr}_x)\text{Y}_2\text{CuO}_5$. Powder Diffraction, 2006, 21, 200-209. | 0.4 | 0 |
| 92 | Subsolidus phase relationships of the $\text{BaO} \cdot \text{R}_2\text{O}_3 \cdot \text{CuO}_z$ (R=Eu, Dy, and Ho) systems under carbonate-free conditions at $T=810^\circ\text{C}$ and. Physica C: Superconductivity and Its Applications, 2006, 439, 93-100. | 0.6 | 4 |
| 93 | Crystal chemistry and crystallography of the SrR_2CuO_5 (R=lanthanides) phases. Journal of Solid State Chemistry, 2006, 179, 1588-1595. | 1.4 | 4 |
| 94 | Nature of the transient BaF_2 -related phases in the BaF_2 -processing of $\text{Ba}_2\text{YCu}_3\text{O}_{7-x}$ superconductors. Applied Physics Letters, 2006, 88, 102507. | 1.5 | 14 |
| 95 | Chemical interaction between $\text{Ba}_2\text{YCu}_3\text{O}_{6+x}$ and CeO_2 at. Solid State Sciences, 2005, 7, 1333-1343. | 1.5 | 7 |
| 96 | Nonquenchable Chemical Order-Disorder Phase Transition in Yttrium Oxyfluoride. European Journal of Inorganic Chemistry, 2005, 2005, 87-91. | 1.0 | 12 |
| 97 | Subsolidus Phase Relationships of the $\text{BaO} \cdot \text{Ln}_2\text{O}_3 \cdot \text{CuO}_z$ (Ln: Gd and Er) Systems under Carbonate-Free Conditions at $p(\text{O}_2) = 100 \text{ Pa}$ and $T = 810^\circ\text{C}$. ChemInform, 2005, 36, no. | 0.1 | 0 |
| 98 | Thermodynamics of MgB_2 by Calorimetry and Knudsen Thermogravimetry. IEEE Transactions on Applied Superconductivity, 2005, 15, 3227-3229. | 1.1 | 13 |
| 99 | X-ray reference patterns and structure of the perovskite-related phase $\text{R}_2\text{Cu}_9\text{Ti}_{12}\text{O}_{36}$ (R=lanthanides). Powder Diffraction, 2005, 20, 193-197. | 0.4 | 5 |
| 100 | Phase evolution of $\text{Ba}_2\text{YCu}_3\text{O}_{6+x}$ films during the BaF_2 process. Superconductor Science and Technology, 2004, 17, S548-S556. | 1.8 | 23 |
| 101 | Subsolidus phase relationships of the $\text{BaO} \cdot \text{R}_2\text{O}_3 \cdot \text{CuO}_z$ (R=...=...Gd and Er) systems under carbonate-free conditions at and. Solid State Sciences, 2004, 6, 1211-1216. | 1.5 | 7 |
| 102 | Phase relations in the $\text{BaO} \cdot \text{Sm}_2\text{O}_3 \cdot \text{CuO}_x$ system at $p\text{O}_2=100 \text{ Pa}$ and $T=810^\circ\text{C}$. Physica C: Superconductivity and Its Applications, 2004, 405, 47-58. | 0.6 | 9 |
| 103 | Phase equilibria of $\text{Ba} \cdot \text{R} \cdot \text{Cu} \cdot \text{O}$ for coated conductor applications (R=lanthanides and Y). Physica C: Superconductivity and Its Applications, 2004, 408-410, 20-22. | 0.6 | 2 |
| 104 | Crystal chemistry and crystallography of the Aurivillius phase $\text{Bi}_5\text{AgNb}_4\text{O}_{18}$. Journal of Solid State Chemistry, 2004, 177, 3359-3367. | 1.4 | 10 |
| 105 | $\text{BaO} \cdot \text{Nd}_2\text{O}_3 \cdot \text{CuO}_x$ subsolidus equilibria under carbonate-free conditions at $p\text{O}_2=100\text{Pa}$ and at $p\text{O}_2=21\text{kPa}$. Journal of Solid State Chemistry, 2003, 173, 476-488. | 1.4 | 21 |
| 106 | Magnetic and structural properties of the $\text{Ba}(\text{Nd}_{2-x}\text{La}_x)\text{CuO}_5$ solid solution. Physica C: Superconductivity and Its Applications, 2003, 390, 213-220. | 0.6 | 2 |
| 107 | Partial melt processing of solid-solution $\text{Bi}_{2-x}\text{Sr}_{2-x}\text{CaCu}_2\text{O}_{8+\delta}$ thick-film conductors with nanophase Al_2O_3 additions. Journal of Materials Research, 2003, 18, 1054-1066. | 1.2 | 1 |
| 108 | Structure and electronic properties of the orthorhombic MoRuP superconductor prepared at high pressure. Physical Review B, 2003, 67, . | 1.1 | 16 |

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|-----|---|-----|-----------|
| 109 | Subsolidus phase relationships of the $\text{BaO}-\text{Y}_2\text{O}_3-\text{CuO}_x$ system under carbonate-free conditions at $p\text{O}_2=100$ Pa and at $p\text{O}_2=21$ kPa. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 377, 107-113. | 0.6 | 13 |
| 110 | Crystal chemistry and phase equilibria of selected $\text{SrO}-\text{R}_2\text{O}_3-\text{CuO}$ and related systems; R=lanthanides and yttrium. <i>Solid State Sciences</i> , 2001, 3, 1283-1290. | 0.8 | 13 |
| 111 | Phase equilibria of the $\text{SrO}-\text{Yb}_2\text{O}_3-\text{CuO}_x$ system in air. <i>Solid State Sciences</i> , 2001, 3, 569-573. | 0.8 | 14 |
| 112 | JCPDS-ICDD Research Associateship (cooperative program with NBS/NIST). <i>Journal of Research of the National Institute of Standards and Technology</i> , 2001, 106, 1013. | 0.4 | 70 |
| 113 | Powder X-ray reference patterns of $\text{Sr}_2\text{R}_2\text{GaCu}_2\text{O}_y$ (R = Pr, Nd, Sm, Eu, Gd, Dy, Ho, Er, Tm, and Y). <i>Journal of Research of the National Institute of Standards and Technology</i> , 2001, 106, 691. | 0.4 | 4 |
| 114 | Phase Relations of the $\text{SrO}-\text{Ho}_2\text{O}_3-\text{CuO}_x$ System. <i>Journal of Solid State Chemistry</i> , 2000, 149, 333-337. | 1.4 | 14 |
| 115 | Roles of melting equilibria in the processing of high T_c superconductors in the BSCCO system. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 335, 120-123. | 0.6 | 5 |
| 116 | Effect of PO_2 and Ag on the phase formation of the Bi(Pb)-2223 superconductor. <i>Journal of Materials Research</i> , 1999, 14, 1695-1706. | 1.2 | 16 |
| 117 | Primary phase field of the Pb-doped 2223 High-T _c superconductor in the (Bi, Pb)-Sr-Ca-Cu-O system. <i>Journal of Research of the National Institute of Standards and Technology</i> , 1999, 104, 277. | 0.4 | 17 |
| 118 | Crystallographic studies of BaR_2ZnO_5 (R=La, Nd, Dy, Ho, Er, and Y). <i>Powder Diffraction</i> , 1998, 13, 144-151. | 0.4 | 12 |
| 119 | Liquidus diagram of the Ba-Y-Cu-O system in the vicinity of the $\text{Ba}_2\text{YCu}_3\text{O}_{6+x}$ phase field. <i>Journal of Research of the National Institute of Standards and Technology</i> , 1998, 103, 379. | 0.4 | 29 |
| 120 | Subsolidus and melting phase relationships of the $\text{PbO}_x-\text{CaO}-\text{CuO}$ system in air. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 279, 31-38. | 0.6 | 4 |
| 121 | Subsolidus and melting study of the $\text{Bi}_2\text{O}_3-\text{PbO}_x-\text{CuO}$ system in air. <i>Applied Superconductivity</i> , 1996, 4, 385-397. | 0.5 | 4 |
| 122 | Crystal Chemistry and Phase Equilibrium Studies of the $\text{BaO}(\text{BaCO}_3)-1/2\text{R}_2\text{O}_3-\text{CuO}_x$ Systems in Air: VI, R = Neodymium. <i>Journal of the American Ceramic Society</i> , 1994, 77, 2354-2362. | 1.9 | 50 |
| 123 | $\text{BaO}-1/2\text{Y}_2\text{O}_3-\text{CuO}_x$ Eutectic Melting in Air. <i>Journal of the American Ceramic Society</i> , 1994, 77, 1883-1888. | 1.9 | 42 |
| 124 | A review of the crystallography and crystal chemistry of compounds in the $\text{BaO}-\text{CuO}$ system. <i>Powder Diffraction</i> , 1994, 9, 280-289. | 0.4 | 27 |
| 125 | Phase Equilibria and Crystal Chemistry of the Binary and Ternary Barium Polytitanates and Crystallography of the Barium Zinc Polyttitanates. <i>Journal of Solid State Chemistry</i> , 1993, 104, 99-118. | 1.4 | 53 |
| 126 | Crystal Chemistry and Phase Equilibria Studies of the $\text{BaO}-\text{R}_2\text{O}_3-\text{CuO}$ Systems. II: X-Ray Characterization and Standard Patterns of BaR_2O_4 , R = Lanthanides. <i>Powder Diffraction</i> , 1991, 6, 187-189. | 0.4 | 14 |

| # | ARTICLE | IF | CITATIONS |
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