

Winnie Wong-Ng

List of Publications by Year in descending order

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148
docs citations

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times ranked

3572
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Standard X-Ray Diffraction Powder Patterns from the JCPDS Research Associateship. Powder Diffraction, 1986, 1, 64-77.	0.4	163
4	Measurement, Standards, and Data Needs for CO ₂ Capture Materials: A Critical Review. Environmental Science & Technology, 2013, 47, 11960-11975.	4.6	135
5	Crystal chemistry and phase equilibria studies of the BaO(BaCO ₃) ₂ R ₂ O ₃ CuO systems. IV. Crystal chemistry and subsolidus phase relationship studies of the CuO-rich region of the ternary diagrams, R = lanthanides. Journal of Solid State Chemistry, 1990, 85, 117-132.	1.4	128
6	Methods of Producing Standard X-Ray Diffraction Powder Patterns. Powder Diffraction, 1986, 1, 40-43.	0.4	125
7	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
8	JCPDS-ICDD Research Associateship (cooperative program with NBS/NIST). Journal of Research of the National Institute of Standards and Technology, 2001, 106, 1013.	0.4	70
9	X-RAY POWDER CHARACTERIZATION OF Ba ₂ YCu ₃ O _{7-x} . Advanced Ceramic Materials, 1987, 2, 565-576.	2.3	66
10	Structural Aspects of Porphyrins for Functional Materials Applications. Crystals, 2017, 7, 223.	1.0	63
11	Investigation of NaY Zeolite with adsorbed CO ₂ by neutron powder diffraction. Microporous and Mesoporous Materials, 2013, 172, 95-104.	2.2	59
12	Phase Equilibria and Crystal Chemistry of the Binary and Ternary Barium Polytitanates and Crystallography of the Barium Zinc Polyttitanates. Journal of Solid State Chemistry, 1993, 104, 99-118.	1.4	53
13	Simple Approach for Selective Crystal Growth of Intermetallic Clathrates. Chemistry of Materials, 2011, 23, 1491-1495.	3.2	52
14	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
15	Crystal Chemistry and Phase Equilibrium Studies of the BaO(BaCO ₃) _{1/2} R ₂ O ₃ -CuO _x Systems in Air: VI, R = Neodymium. Journal of the American Ceramic Society, 1994, 77, 2354-2362.	1.9	50
16	A high-throughput thermoelectric power-factor screening tool for rapid construction of thermoelectric property diagrams. Applied Physics Letters, 2007, 91, .	1.5	48
17	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
18	BaO-1/2Y ₂ O ₃ -CuO _x Eutectic Melting in Air. Journal of the American Ceramic Society, 1994, 77, 1883-1888.	1.9	42

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19	Development of a Seebeck coefficient Standard Reference Material. Applied Physics A: Materials Science and Processing, 2009, 96, 511-514.	1.1	40
20	Development of a high-throughput thermoelectric screening tool for combinatorial thin film libraries. Applied Surface Science, 2007, 254, 765-767.	3.1	39
21	Development of a Seebeck coefficient Standard Reference Material. Journal of Materials Research, 2011, 26, 1983-1992.	1.2	39
22	Standard X-Ray Diffraction Powder Patterns of Fourteen Ceramic Phases. Powder Diffraction, 1988, 3, 246-254.	0.4	36
23	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
24	Round-robin measurements of two candidate materials for Seebeck coefficient Standard Reference Material. Applied Physics A: Materials Science and Processing, 2009, 94, 231-234.	1.1	35
25	Neutron diffraction study of the brown phase BaNd ₂ CuO ₅ . Materials Letters, 1990, 9, 401-404.	1.3	33
26	Structural phase transition study of Ba ₂ YCu ₃ O _{6+x} in air. Journal of Materials Research, 1988, 3, 832-839.	1.2	31
27	Phase compatibility and thermoelectric properties of compounds in the Sr-Ca-Co-O system. Journal of Applied Physics, 2010, 107, .	1.1	31
28	The Bulk Modulus and Young's Modulus of the Superconductor Ba ₂ Cu ₃ YO ₇ . Advanced Ceramic Materials, 1987, 2, 601-605.	2.3	31
29	Structural characterization of Bi ₂ Te ₃ and Sb ₂ Te ₃ as a function of temperature using neutron powder diffraction and extended X-ray absorption fine structure techniques. Journal of Applied Physics, 2014, 116, .	1.1	29
30	Liquidus diagram of the Ba-Y-Cu-O system in the vicinity of the Ba ₂ YCu ₃ O _{6+x} phase field. Journal of Research of the National Institute of Standards and Technology, 1998, 103, 379.	0.4	29
31	X-Ray Powder Diffraction Characterization of Ba ₂ RCuO ₅ (R=Yttrium and the Lanthanides) and Related Compounds. Powder Diffraction, 1989, 4, 2-8.	0.4	28
32	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
33	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
34	A review of the crystallography and crystal chemistry of compounds in the BaO-CuO _x system. Powder Diffraction, 1994, 9, 280-289.	0.4	27
35	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
36	Phase equilibria and crystal chemistry of the CaO-CuO-Nd ₂ O ₃ system at 885 Å°C in air. Journal of Solid State Chemistry, 2014, 215, 128-134.	1.4	26

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37	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
38	Phase evolution of Ba ₂ YCu ₃ O _{6-x} films during the BaF ₂ process. <i>Superconductor Science and Technology</i> , 2004, 17, S548-S556.	1.8	23
39	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
40	Improved synthesis and crystal structure of the flexible pillared layer porous coordination polymer: Ni(1,2-bis(4-pyridyl)ethylene)[Ni(CN) ₄]. <i>CrystEngComm</i> , 2013, 15, 4684.	1.3	22
41	BaO-Nd ₂ O ₃ -CuOx subsolidus equilibria under carbonate-free conditions at pO ₂ =100Pa and at pO ₂ =21kPa. <i>Journal of Solid State Chemistry</i> , 2003, 173, 476-488.	1.4	21
42	Phase diagram and crystal chemistry of the La-Ca-Co-O system. <i>Solid State Sciences</i> , 2013, 17, 107-110.	1.5	21
43	Standard X-Ray Diffraction Powder Patterns of Fifteen Ceramic Phases. <i>Powder Diffraction</i> , 1988, 3, 47-56.	0.4	19
44	Statistical Analysis of a Round-Robin Measurement Survey of Two Candidate Materials for a Seebeck Coefficient Standard Reference Material. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2009, 114, 37.	0.4	19
45	Seebeck Coefficient Metrology: Do Contemporary Protocols Measure Up?. <i>Journal of Electronic Materials</i> , 2015, 44, 1998-2006.	1.0	18
46	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
47	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
48	Structure and electronic properties of the orthorhombic MoRuP superconductor prepared at high pressure. <i>Physical Review B</i> , 2003, 67, .	1.1	16
49	Correlation of thermoelectric and microstructural properties of p-type CeFe ₄ Sb ₁₂ melt-spun ribbons using a rapid screening method. <i>Applied Physics Letters</i> , 2011, 98, 142106.	1.5	15
50	A temperature dependent screening tool for high throughput thermoelectric characterization of combinatorial films. <i>Review of Scientific Instruments</i> , 2013, 84, 115110.	0.6	15
51	Crystal Chemistry and Phase Equilibria Studies of the BaO-R ₂ O ₃ -CuO Systems. II: X-Ray Characterization and Standard Patterns of BaR ₂ O ₄ , R = Lanthanides. <i>Powder Diffraction</i> , 1991, 6, 187-189.	0.4	14
52	Phase Relations of the SrO-Ho ₂ O ₃ -CuOx System. <i>Journal of Solid State Chemistry</i> , 2000, 149, 333-337.	1.4	14
53	Phase equilibria of the SrO-Yb ₂ O ₃ -CuOx system in air. <i>Solid State Sciences</i> , 2001, 3, 569-573.	0.8	14
54	Nature of the transient BaF ₂ -related phases in the BaF ₂ -processing of Ba ₂ YCu ₃ O _{7-x} superconductors. <i>Applied Physics Letters</i> , 2006, 88, 102507.	1.5	14

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55	Crystal chemistry and phase equilibria of selected $\text{SrO} \cdot \text{R}_2\text{O}_3 \cdot \text{CuO}$ and related systems; R=lanthanides and yttrium. <i>Solid State Sciences</i> , 2001, 3, 1283-1290.	0.8	13
56	Subsolidus phase relationships of the $\text{BaO} \cdot \text{Y}_2\text{O}_3 \cdot \text{CuO}_x$ 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
57	Thermodynamics of MgB_2 by Calorimetry and Knudsen Thermogravimetry. <i>IEEE Transactions on Applied Superconductivity</i> , 2005, 15, 3227-3229.	1.1	13
58	Thermoelectric properties and structural variations in $\text{Bi}_2\text{Te}_3 \cdot \text{S}_x$ crystals. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	13
59	Thermoelectric properties of the LaCoO_3 - LaCrO_3 system using a high-throughput combinatorial approach. <i>Solid State Sciences</i> , 2017, 64, 7-12.	1.5	13
60	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
61	Nonquenchable Chemical Order/Disorder Phase Transition in Yttrium Oxyfluoride. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 87-91.	1.0	12
62	Thermocyclic stability of candidate Seebeck coefficient standard reference materials at high temperature. <i>Journal of Applied Physics</i> , 2014, 115, .	1.1	12
63	Crystal chemistry and crystallography of the Aurivillius phase $\text{Bi}_5\text{AgNb}_4\text{O}_{18}$. <i>Journal of Solid State Chemistry</i> , 2004, 177, 3359-3367.	1.4	10
64	Phase equilibria and crystal chemistry of the $\text{R} \cdot \text{Cu} \cdot \text{Ti} \cdot \text{O}$ systems (R=lanthanides and Y). <i>Journal of Solid State Chemistry</i> , 2009, 182, 1142-1148.	1.4	10
65	Phase equilibria and crystal chemistry of the $\text{CaO} \cdot \frac{1}{2}\text{Sm}_2\text{O}_3 \cdot \text{CoO}_z$ system at $885 \text{ }^\circ\text{C}$ in air. <i>Solid State Sciences</i> , 2015, 48, 31-38.	1.5	10
66	Structural Basis of CO_2 Adsorption in a Flexible Metal-Organic Framework Material. <i>Nanomaterials</i> , 2019, 9, 354.	1.9	10
67	Phase relations in the $\text{BaO} \cdot \text{Sm}_2\text{O}_3 \cdot \text{CuO}_x$ system at $p\text{O}_2=100$ Pa and $T=810 \text{ }^\circ\text{C}$. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 405, 47-58.	0.6	9
68	Synthesis and structural characterization of a flexible metal organic framework <i>Sciences</i> , 2016, 52, 1-9.	1.5	9
69	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
70	Structure/property relationships of the thermoelectric oxyselenides ($\text{Bi}_{1-x}\text{A}_x\text{CuOSe}$) (A=Ba and Ca). <i>Solid State Sciences</i> , 2017, 72, 55-63.	1.5	9
71	Electronic structure, pore size distribution, and sorption characterization of an unusual MOF, $\{[\text{Ni}(\text{dpbz})][\text{Ni}(\text{CN})_4]\}_n$, dpbz = 1,4-bis(4-pyridyl)benzene. <i>Journal of Applied Physics</i> , 2018, 123, 245105.	1.1	9
72	High Throughput Screening Tools for Thermoelectric Materials. <i>Journal of Electronic Materials</i> , 2015, 44, 1688-1696.	1.0	8

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73	Crystallography of Representative MOFs Based on Pillared Cyanonickelate (PICNIC) Architecture. Crystals, 2016, 6, 108.	1.0	8
74	X-ray powder diffraction reference patterns for Bi _{1-x} PbxOCuSe. Powder Diffraction, 2016, 31, 223-228.	0.4	8
75	Subsolidus phase relationships of the BaOR ₂ O ₃ CuO _z (R = Gd and Er) systems under carbonate-free conditions at and. Solid State Sciences, 2004, 6, 1211-1216.	1.5	7
76	Chemical interaction between Ba ₂ YCu ₃ O _{6+x} and CeO ₂ at. Solid State Sciences, 2005, 7, 1333-1343.	1.5	7
77	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
78	Free-Standing Self-Assemblies of Gallium Nitride Nanoparticles: A Review. Micromachines, 2016, 7, 121.	1.4	7
79	Synchrotron X-ray investigation of Γ_2 -Chlorohemin, C ₃₄ H ₃₂ ClFeN ₄ O ₄ , an Fe-porphyrin. Solid State Sciences, 2016, 53, 63-70.	1.5	7
80	Crystal Chemistry and Phase Equilibria Studies of the BaO(BaCO ₃) $\frac{1}{2}$ R ₂ O ₃ -CuO Systems III: X-Ray Powder Characterization and Diffraction Patterns of Ba ₃ R ₃ Cu ₆ O _{14+x} , R = Lanthanides. Powder Diffraction, 1990, 5, 27-32.	0.4	6
81	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
82	A phase relation study of Ba δ -Cu δ -O coated-conductor films using the combinatorial approach. Applied Physics Letters, 2009, 94, 171910.	1.5	6
83	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
84	Crystal chemistry and phase equilibria of the CaO- $\frac{1}{2}$ Eu ₂ O ₃ -CoO _z system at 885 \pm 10 \circ C. Solid State Sciences, 2016, 58, 105-110.	1.5	6
85	Polymorphism and Structural Distortions of Mixed-Metal Oxide Photocatalysts Constructed with Γ_2 -U ₃ O ₈ Types of Layers. Crystals, 2017, 7, 145.	1.0	6
86	Roles of melting equilibria in the processing of high T _c superconductors in the BSCCO system. Physica C: Superconductivity and Its Applications, 2000, 335, 120-123.	0.6	5
87	X-ray reference patterns and structure of the perovskite-related phase R ₂ Cu ₉ Ti ₁₂ O ₃₆ (R=lanthanides). Powder Diffraction, 2005, 20, 193-197.	0.4	5
88	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
89	Synthesis, structural and sorption characterization of a Hofmann compound, Ni(3-methy-4,4'-bipyridine)[Ni(CN) ₄]. Polyhedron, 2021, 200, 115132.	1.0	5
90	Crystal structure, sorption properties, and electronic structure of flexible MOF, (Ni-4,4'-azopyridine)[Ni(CN) ₄]. Solid State Sciences, 2021, 118, 106646.	1.5	5

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91	Development of a high-temperature (295–900 K) Seebeck coefficient Standard Reference Material. <i>Journal of Materials Research</i> , 2021, 36, 3339-3352.	1.2	5
92	Subsolidus and melting study of the Bi ₂ O ₃ -PbO _x -CuO system in air. <i>Applied Superconductivity</i> , 1996, 4, 385-397.	0.5	4
93	Subsolidus and melting phase relationships of the PbO _x -CaO _{1-x} -CuO system in air. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 279, 31-38.	0.6	4
94	Subsolidus phase relationships of the BaO-R ₂ O ₃ -CuO _z (R=Eu, Dy, and Ho) systems under carbonate-free conditions at T=810 °C and. <i>Physica C: Superconductivity and Its Applications</i> , 2006, 439, 93-100.	0.6	4
95	Crystal chemistry and crystallography of the Sr ₂ CuO ₅ (R=lanthanides) phases. <i>Journal of Solid State Chemistry</i> , 2006, 179, 1588-1595.	1.4	4
96	Phase relations in the Ba-Y-Cu-O films on SrTiO ₃ for the ex situ BaF ₂ process. <i>Applied Physics Letters</i> , 2007, 90, 102508.	1.5	4
97	Phase Equilibria of BaO-R ₂ O ₃ -CuO z Systems (R = Y and Lanthanides) under CO ₂ -free Conditions. <i>Journal of Electronic Materials</i> , 2007, 36, 1279-1287.	1.0	4
98	Thermoelectric and structural characterization of Ba ₂ Ho(Cu _{3-x} Cox)O _{6+y} . <i>Journal of Applied Physics</i> , 2009, 105, 063706.	1.1	4
99	Phase equilibria and crystal chemistry of the CaO-1/2Gd ₂ O ₃ -CoO _z system at 885 °C in air. <i>Solid State Sciences</i> , 2017, 72, 47-54.	1.5	4
100	Crystallography of Functional Materials. <i>Crystals</i> , 2017, 7, 279.	1.0	4
101	Synchrotron X-ray diffraction study of double perovskites Sr _{2-x} R _x NbO ₆ (R = Sm, Gd, Dy, Ho, Y, Tm, and Lu). <i>Powder Diffraction</i> , 2018, 33, 279-286.	0.4	4
102	Powder X-ray structural studies and reference diffraction patterns for three forms of porous aluminum terephthalate, MIL-53(A1). <i>Powder Diffraction</i> , 2019, 34, 216-226.	0.4	4
103	Structural and optical properties of Ba(Co _{1-x} Zn _x)SiO ₄ (x = 0, 0.1, 0.2, 0.4, 0.6, 0.8, 1.0). <i>TJ ETQq</i> 1, 1, 0.784314 rgBT	0.4	4
104	Powder X-ray reference patterns of Sr ₂ RGaCu ₂ 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
105	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. <i>Journal of Alloys and Compounds</i> , 2007, 437, 58-63.	2.8	3
106	X-ray and neutron powder diffraction studies of Ba(NdxY _{2-2x})CuO ₅ . <i>Journal of Solid State Chemistry</i> , 2008, 181, 3236-3242.	1.4	3
107	Interactions of Ba ₂ YCu ₃ O _{6+x} with SrTiO ₃ substrate. <i>Physica C: Superconductivity and Its Applications</i> , 2011, 471, 250-257.	0.6	3
108	X-ray powder reference patterns of the Fe(Sb _{2+x} Te _{1-x}) skutterudites for thermoelectric applications. <i>Powder Diffraction</i> , 2014, 29, 260-264.	0.4	3

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109	X-ray powder diffraction studies of $(\text{Ba}_{1-x}\text{Sr}_x)_2\text{Co}_2\text{Fe}_{12}\text{O}_{22}$ and $(\text{Ba}_{1-x}\text{Sr}_x)\text{Co}_2\text{Fe}_{16}\text{O}_{27}$. Powder Diffraction, 2015, 30, 139-148.	0.4	3
110	Synthesis and synchrotron X-ray characterization of two 2D Hoffman related compounds $[\text{Ni}(\text{p-Xylylenediamine})_n\text{Ni}(\text{CN})_4]$ and $[\text{Ni}(\text{p-tetrafluoroxyllylenediamine})_n\text{Ni}(\text{CN})_4]$. Solid State Sciences, 2018, 81, 12-18.	1.5	3
111	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
112	Magnetic and structural properties of the "brown phase" solid solution $\text{Ba}(\text{Nd}_{2-x}\text{La}_x)\text{CuO}_5$. Physica C: Superconductivity and Its Applications, 2003, 390, 213-220.	0.6	2
113	Phase equilibria of $\text{Ba}(\text{R})\text{CuO}$ for coated conductor applications (R=lanthanides and Y). Physica C: Superconductivity and Its Applications, 2004, 408-410, 20-22.	0.6	2
114	Interactions of $\text{Ba}_2\text{YCu}_3\text{O}_{6+y}$ with the Gd_3NbO_7 buffer layer in coated conductors. Journal of Solid State Chemistry, 2010, 183, 649-657.	1.4	2
115	Crystal chemistry, X-ray diffraction reference patterns, and bandgap studies for $(\text{Ba}_{1-x}\text{Sr}_x)_2\text{CoWO}_6$ ($x = 0.2, 0.4, 0.6, 0.8, 1.0$). Journal of Solid State Chemistry, 2010, 183, 649-657.	1.4	2
116	Thermal and mechanical properties of the clathrate-II $\text{Na}_2\text{Mn}_2\text{O}_7$. Physical Review B, 2022, 105, .	1.2	1
117	Partial melt processing of solid-solution $\text{Bi}_{2-x}\text{Sr}_x\text{CaCu}_2\text{O}_{8+\delta}$ thick-film conductors with nanophase Al_2O_3 additions. Journal of Materials Research, 2003, 18, 1054-1066.	1.2	1
118	Phase evolution in $\text{Ba}(\text{Nd,Eu,Gd})\text{CuO}$ -coated conductor films. Journal of Materials Research, 2008, 23, 2067-2071.	1.2	1
119	Development and Applications of Non-destructive Screening Tools for Thermoelectric Materials at NIST. Ferroelectrics, 2014, 470, 241-259.	0.3	1
120	X-ray powder reference patterns for magnetoplumbite-like compounds, $(\text{Ba}_{1-x}\text{Sr}_x)\text{Ti}_6\text{Co}_6\text{O}_{19}$ ($x = 0.2, 0.4, 0.6, 0.8, 1.0$). Powder Diffraction, 2015, 30, 139-148.	0.4	1
121	Crystal chemistry and X-ray diffraction patterns for $\text{Co}(\text{Ni}_x\text{Zn}_{1-x})\text{Nb}_4\text{O}_{12}$ ($x = 0.2, 0.4$). Powder Diffraction, 2015, 30, 139-148.	0.4	1
122	Structural and optical properties of $\text{Ba}_3(\text{Nb}_6\text{Ta}_x)\text{Si}_4\text{O}_{26}$ ($x = 0.6, 1.8, 3.0, 4.2, 5.4$). Powder Diffraction, 2019, 34, 331-338.	0.4	1
123	Crystal chemistry and phase equilibria of the $\text{CaO}-\frac{1}{2}\text{Dy}_2\text{O}_3-\text{CoO}$ system at 885°C in air. Solid State Sciences, 2019, 88, 57-62.	1.5	1
124	Crystal chemistry and phase equilibria of the $\text{CaO}-\frac{1}{2}\text{Ho}_2\text{O}_3-\text{CoO}$ system at 885°C in air. Solid State Sciences, 2020, 107, 106348.	1.5	1
125	Metal-Insulator Transition in Doped Barium Plumbates. Electronic Materials, 2021, 2, 428-444.	0.9	1
126	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

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127	Phase Equilibria in the System Ti-Ca-Ba-Cu-O. I. Stability of the 2122 Phase Under Conditions of Oxygen Annealing. Materials Research Society Symposia Proceedings, 1989, 169, 137.	0.1	0
128	Structural and Magnetic Properties of Untwinned Yba ₂ Cu ₃ O _{6+x} Single Crystals. Materials Research Society Symposia Proceedings, 1989, 169, 793.	0.1	0
129	Subsolidus Phase Relationships of the BaO?Ln ₂ O ₃ ?CuO _z (Ln: Gd and Er) Systems under Carbonate-Free Conditions at p(O ₂) = 100 Pa and T = 810 ?½C.. ChemInform, 2005, 36, no.	0.1	0
130	X-ray and neutron powder diffraction studies of (Ba _{1-x} Sr _x)Y ₂ CuO ₅ . Powder Diffraction, 2006, 21, 200-209.	0.4	0
131	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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137	Special section - Crystallography and properties of metal-organic framework (MOF) compounds. Powder Diffraction, 2020, 35, 2-2.	0.4	0
138	Crystal chemistry, X-ray diffraction reference patterns, and bandgap studies for (Ba _x Sr _{1-x}) ₂ CoWO ₆ (x = 0.1, 0.2), Tj ETQ 0 0 rg BT /Overlock	0.4	0
139	Structural and thermoelectric properties of Pb ₄ In _{2.6} Bi _{3.4} Se ₁₃ . Powder Diffraction, 2021, 36, 151-158.	0.4	0