Yuzuru Miyazaki

List of Publications by Year
in descending order

161 papers	3,827 citations	159573 30 h-index	149686 56 g-index
162 all docs	162 docs citations	162 times ranked	2951 citing authors

#	Article	IF	Citations
1	Contrasting role of bismuth doping on the thermoelectric performance of VFeSb half-Heusler. Journal of Alloys and Compounds, 2022, 908, 164623.	5.5	10
2	Low lattice thermal conductivity and microstructural evolution in VFeSb half-Heusler alloys. Materialia, 2022, 22, 101430.	2.7	12
3	Relationships between crystallite size and thermoelectric properties of nano-structured CrSi2 prepared by the reduction-diffusion and spark plasma sintering methods. Journal of Alloys and Compounds, 2021, 861, 157967.	5.5	5
4	Effects of Disorder on the Electronic Structure and Thermoelectric Properties of an Inverse Full-Heusler Mn₂CoAl Alloy. Chemistry of Materials, 2021, 33, 2543-2547.	6.7	16
5	Chemical-Pressure-Induced Point Defects Enable Low Thermal Conductivity for Mg₂Sn and Mg₂Si Single Crystals. ACS Applied Energy Materials, 2021, 4, 5123-5131.	5.1	16
6	Enhanced thermoelectric performance in MnTe due to doping and in-situ nanocompositing effects by Ag2S addition. Journal of Materiomics, 2021, 7, 577-584.	5.7	11
7	Incommensurately modulated crystal structure of Î±â€²Â(Oâ€²3)-type sodium cobalt oxide Na_xCoO₂ (x â‰ˆ 0.78). Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 371-377.	1.1	0
8	Outstanding thermoelectric performance of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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19	Enhancement of thermoelectric properties of Co4Sb12 Skutterudite by Al and La double filling. Journal of Solid State Chemistry, 2020, 284, 121205.	2.9	19
20	Crystal structure and thermoelectric properties of partially-substituted melt-grown higher manganese silicides. Japanese Journal of Applied Physics, 2020, 59, SF0802.	1.5	10
21	Distinct impact of order degree on thermoelectric power factor of p-type full-Heusler Mn₂VAl compounds. Materials Research Express, 2020, 7, 055503.	1.6	6
22	Lattice dynamics and lattice thermal conductivity of CrSi 2 calculated from first principles and the phonon Boltzmann transport equation. Journal of Applied Physics, 2019, 126, 025105.	2.5	6
23	Reducing Lattice Thermal Conductivity of MnTe by Se Alloying toward High Thermoelectric Performance. ACS Applied Materials & Interfaces, 2019, 11, 28221-28227.	8.0	29
24	Design and power generation of tilted Cu/Fe2V(Al0.9Si0.1) multilayers via the transverse thermoelectric effect. Journal of Applied Physics, 2019, 126, .	2.5	4
25	Aqueous Chemical Synthesis and Consolidation of Size-Controlled Bi2Te3 Nanoparticles for Low-Cost and High-Performance Thermoelectric Materials. Journal of Electronic Materials, 2019, 48, 2700-2711.	2.2	7
26	Optimised thermally driven molecular stability of an SCO metal complex for TEC Seebeck generation enhancement. RSC Advances, 2019, 9, 10626-10634.	3.6	11
27	Effects of Cobalt Substitution on Crystal Structure and Thermoelectric Properties of Melt-Grown Higher Manganese Silicides. Journal of Electronic Materials, 2019, 48, 1902-1908.	2.2	13
28	Preparation and thermoelectric properties of pseudogap intermetallic (Ti1-V)NiSi solid solutions. Journal of Alloys and Compounds, 2019, 771, 111-116.	5.5	8
29	Role of cobalt for titanium substitution on the thermoelectric properties of the thiospinel CuTi2S4. Journal of Alloys and Compounds, 2019, 781, 1169-1174.	5.5	20
30	In-Filled La0.5Co4Sb12 Skutterudite System with High Thermoelectric Figure of Merit. Journal of Electronic Materials, 2018, 47, 2429-2438.	2.2	11
31	Enhancement of average thermoelectric figure of merit by increasing the grain-size of Mg3.2Sb1.5Bi0.49Te0.01. Applied Physics Letters, 2018, 112, .	3.3	126
32	High-Performance Thermoelectric Bulk Colusite by Process Controlled Structural Disordering. Journal of the American Chemical Society, 2018, 140, 2186-2195.	13.7	98
33	Pyroelectric Energy Harvesting Using Ferroelectric Ba_{1â^'x}Ca_xTiO₃. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1701002.	1.8	5
34	Design and fabrication of full-Heusler compound with positive Seebeck coefficient as a potential thermoelectric material. Scripta Materialia, 2018, 150, 130-133.	5.2	9
35	Improved thermoelectric performance from CrSi₂ by Cu substitution into Si sites. Japanese Journal of Applied Physics, 2018, 57, 121801.	1.5	11
36	Fabrication and Thermoelectric Properties of Al/Mg₂Si Composite Materials. Materials Transactions, 2018, 59, 1041-1045.	1.2	9

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37	Thermoelectric Properties of Mo and Ge co-substituted CrSi₂. Transactions of the Materials Research Society of Japan, 2018, 43, 85-91.	0.2	7
38	Thermoelectric properties of olivine-type sulfides <i>Tm</i>₂<i>X</i>S₄ (<i>Tm</i> = Mn, Fe, <i>X</i> = Si, Ge). Transactions of the Materials Research Society of Japan, 2018, 43, 13-17.	0.2	3
39	Preparation and optical properties of higher manganese silicide, (Mn,Fe)Si , thin films. Applied Surface Science, 2018, 458, 700-704.	6.1	4
40	Crystal Structure and Thermoelectric Properties of Lightly Substituted Higher Manganese Silicides. Materials, 2018, 11, 926.	2.9	29
41	Pyroelectric Energy Harvesting Using Ferroelectric Ba_{1âˆ’x}Ca_xTiO₃ (Phys. Status Solidi A 11âˆ•2018). Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1870023.	1.8	1
42	Enhancement of Thermoelectric Properties of Yb0.25Co4Sb12 Skutterudites through Ni Substitution. Sains Malaysiana, 2018, 47, 181-187.	0.5	6
43	Rapid preparation of bulk Al x Yb0.25Co4Sb12 (xÂ=ÂO, 0.1, 0.2, 0.3) skutterudite thermoelectric materials with high figure of merit ZTÂ=Â1.36. Journal of Materials Science, 2017, 52, 5324-5332.	3.7	25
44	Polymer electrolyte liquid crystal mixtures as phase-dependent thermoelectric materials. Molecular Crystals and Liquid Crystals, 2017, 642, 9-17.	0.9	4
45	Preparation and thermoelectric properties of mixed valence compound Sn₂S₃. Japanese Journal of Applied Physics, 2017, 56, 061201.	1.5	4
46	Enhancement of Thermoelectric Behavior of La0.5Co4Sb12âˆ’x Te x Skutterudite Materials. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 3073-3081.	2.2	10
47	Crystal Structure and Thermoelectric Properties of Lightly Vanadium-Substituted Higher Manganese	2.2	28
48	Structural and Thermoelectric Properties of Ternary Full-Heusler Alloys. Journal of Electronic Materials, 2017, 46, 2710-2716.	2.2	33
49	Structural and thermoelectric properties of TTFâ€Ł_{0.71} organic compound. Physica Status Solidi (B): Basic Research, 2017, 254, 1600513.	1.5	2
50	Enhanced Thermoelectric Properties of Chimney-ladder Type Higher Manganese Silicides. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2017, 64, 461-466.	0.2	1
51	Crystal Structure and Thermoelectric Properties of the Incommensurate Chimneyâ€“Ladder Compound VGeÎ³ (Î³ ~1.82). Journal of Electronic Materials, 2016, 45, 1365-1368.	2.2	10
52	Thermoelectric Properties of Microstructurally Modified CoSb3 Skutterudite by Hf-Addition. Journal of Electronic Materials, 2016, 45, 2886-2890.	2.2	3
53	Thermoelectric and magnetic properties of Yb2MgSi2 prepared by spark plasma sintering method. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	1
54	Effects of Ge substitution on thermoelectric properties of CrSi₂. Japanese Journal of Applied Physics, 2016, 55, 111801.	1.5	11

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55	Crystal Structure and Thermoelectric Properties of Higher Manganese Silicide Based Thermoelectric Materials. Materia Japan, 2016, 55, 307-310.	0.1	2
56	Structural Investigation and Indium Substitution in the Thermoelectric Mn2.7Cr0.3Si4Al2â^'x In x Series. Journal of Electronic Materials, 2016, 45, 1992-1999.	2.2	0
57	Effects of Nb substitution on thermoelectric properties of CrSi2. Journal of Alloys and Compounds, 2016, 687, 37-41.	5.5	18
58	Electronic structure and thermoelectric properties of boron doped Mg2Si. Scripta Materialia, 2016, 123, 59-63.	5.2	24
59	Effect of Interstitial Mg in Mg2+x Si on Electrical Conductivity and Seebeck Coefficient. Journal of Electronic Materials, 2016, 45, 1589-1593.	2.2	19
60	Microstructural Modification of Co4Sb12 Skutterudite Thermoelectric Material Through Al Exceed Doping. Science of Advanced Materials, 2016, 8, 2121-2127.	0.7	3
61	Crystal structure and thermoelectric properties of the incommensurate chimneyâ€"ladder compound RhGe_{Î³}(Î³ â^¼ 1.293). Journal of Materials Research, 2015, 30, 2611-2617.	2.6	12
62	Crystal Structure and Thermoelectric Properties of Chimney-Ladder Higher Manganese Silicides. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2015, 79, 530-537.	0.4	4
63	Ionic liquid entrapment by an electrospun polymer nanofiber matrix as a high conductivity polymer electrolyte. RSC Advances, 2015, 5, 48217-48223.	3.6	24
64	Theoretical and experimental investigation of the excellent pâ€"n control in yttrium aluminoborides. Science and Technology of Advanced Materials, 2014, 15, 035012.	6.1	14
65	Fabrication of Multilayer-Type Mn-Si Thermoelectric Device. Journal of Electronic Materials, 2014, 43, 1993-1999.	2.2	6
66	Thermoelectric Potential of Polymer-Scaffolded Ionic Liquid Membranes. Journal of Electronic Materials, 2014, 43, 1585-1589.	2.2	5
67	Quantitative analysis of interstitial Mg in Mg2Si studied by single crystal X-ray diffraction. Journal of Alloys and Compounds, 2014, 617, 389-392.	5.5	41
68	Al insertion and additive effects on the thermoelectric properties of yttrium boride. Journal of Applied Physics, 2014, 115, 123702.	2.5	21
69	High temperature X-ray diffraction study on incommensurate composite crystal MnSi â€" (3+1)-dimensional superspace approach. Journal of Alloys and Compounds, 2014, 616, 263-267.	5.5	39
70	Microstructure and thermoelectric properties of Y x Al y B14 samples fabricated through the spark plasma sintering. Materials for Renewable and Sustainable Energy, 2014, 3, 1.	3.6	11
71	High-Performance p-Type Magnesium Silicon Thermoelectrics. Journal of Electronic Materials, 2013, 42, 1855-1863.	2.2	12
72	Crystal Structure and Thermoelectric Properties of Misfit-Layered Sulfides [Ln2S2] p NbS2 (LnÂ=ÂLanthanides). Journal of Electronic Materials, 2013, 42, 1335-1339.	2.2	16

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73	al, magnetic, and ferroelectric properties of CuFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Mn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	3.2	33
74	Thermoelectric Ceramics for Energy Harvesting. Journal of the American Ceramic Society, 2013, 96, 1-23.	3.8	286
75	Higher Manganese Silicide, $$mathbf MnSi _{varvec{gamma }}$$. Springer Series in Materials Science, 2013, , 141-156.	0.6	10
76	Enhanced Thermoelectric Performance of a Chimney-Ladder (Mn_{1-x}Cr_x)Si_{Î³} (Î³â^¼1.7) Solid Solution. Japanese Journal of Applied Physics, 2012, 51, 085801.	1.5	42
77	Anisotropic Thermoelectric Properties of MnSi$_{gamma}$ Film Prepared on R-Sapphire. Applied Physics Express, 2012, 5, 055501.	2.4	7
78	Excellent p-n control in a high temperature thermoelectric boride. Applied Physics Letters, 2012, 101, .	3.3	44
79	Cation Distribution Dependence on Thermoelectric Properties of Doped Spinel M_{0.6}Fe_{2.4}O₄. Materials Transactions, 2012, 53, 1164-1168.	1.2	6
80	Enhanced Thermoelectric Performance of a Chimney-Ladder (Mn1-xCrx)SiÎ³(Î³â^¼1.7) Solid Solution. Japanese Journal of Applied Physics, 2012, 51, 085801.	1.5	9
81	Fabrication of iodine-doped pentacene thin films for organic thermoelectric devices. Journal of Applied Physics, 2011, 109, .	2.5	23
82	Preparation of Higher Manganese Silicide (HMS) bulk and Fe-containing HMS bulk using a Naâ€“Si Melt and their thermoelectrical properties. Thin Solid Films, 2011, 519, 8524-8527.	1.8	27
83	Thermoelectric properties of iodine doped pentacene thin films. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 592-594.	0.8	6
84	The ability of RP-type cobaltites to accommodate carbonate groups: A new layered oxide Sr4Co2(CO3)O5.86. Journal of Solid State Chemistry, 2011, 184, 1655-1660.	2.9	5
85	Preparation and Thermoelectric Properties of a Chimney-Ladder (Mn_{1-x}Fe_x)Si_{Î³} (Î³â^¼1.7) Solid Solution. Japanese Journal of Applied Physics, 2011, 50, 035804.	1.5	30
86	Preparation and Thermoelectric Properties of a Chimney-Ladder (Mn_{1-x}Fe_x)Si_{Î³}(Î³â^¼1.7) Solid Solution. Japanese Journal of Applied Physics, 2011, 50, 035804.	1.5	26
87	Precise Control of Na Content in the Layered Cobaltate Î³-Na x CoO2. Journal of Electronic Materials, 2010, 39, 1669-1673.	2.2	9
88	Rubbing effect on surface morphology and thermoelectric properties of TTFâ€“TCNQ thin films. Applied Surface Science, 2010, 256, 4554-4558.	6.1	10
89	Effect of Cobalt-Substitution on the Structure and Thermoelectric Properties of Chimney-Ladder Solid Solution (Mn_{1-x}Co_x)Si_{Î³} (Î³~ 1.7). Advances in Science and Technology, 2010, 74, 22-25.	0.2	6
90	Spin dynamics of triangular lattice antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CuFeO</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>: Crossover from spin-liquid to paramagnetic phase. Physical Review B, 2009, 80, .	3.2	21

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91	Structure and High-Temperature Thermoelectric Properties of the n-Type Layered Oxide Ca2â^'x Bi xâ^'Î´ MnO4â^'Î³. Journal of Electronic Materials, 2009, 38, 1159-1162.	2.2	17
92	On the Excess Oxygen in Four-Layered Rock-Salt-Type Units of Modulated Thermoelectric Bi-Sr-(Co,Rh)-O Compounds. Journal of Electronic Materials, 2009, 38, 1116-1120.	2.2	0
93	Discommensuration of Doped [Ca2CoO3] p CoO2. Journal of Electronic Materials, 2009, 38, 1462-1467.	2.2	8
94	Synthesis, crystal structure and physical properties of layered cobalt oxide CaxCoO2 (x- 0.47). Journal of the Ceramic Society of Japan, 2009, 117, 42-46.	1.1	15
95	High temperature thermoelectric properties of Ca1â^'xBixMn1â^'yV yO3â^'Î´Â(0â‰¤x=yâ‰¤0.08). Solid State Communications, 2008, 145, 132-136.	1.9	69
96	Electronic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Ca</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub> by photoemission spectroscopy: Phase separation and charge localization. Physical Review B, 2008, 78, .	3.2	69
97	Disorder-order transitions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Na</mml:mtext></mml:mrow><mml:mi>x</mml:mi></mml:msub> xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:mi>x</mml:mi><mml:mo>â¼</mml:mo>	3.2	16
98	Modulated crystal structure of chimney-ladder higher manganese silicides<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>MnSi</mml:mtext></mml:mrow><mml:mi>Î³</mml:mi></mml:ms xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:mi>Î³</mml:mi><mml:mo>â¼</mml:mo><mml:m Physical Review B, 2008, 78, .	3.2	133
99	High-Resolution Electron Microscopy Study of [(Ca,Bi)₂CoO₃]_{0.62}CoO₂. Journal of the Physical Society of Japan, 2008, 77, 094603.	1.6	4
100	Discommensurate Structure in [(Ca0.90Sr0.10)2CoO3]0.61CoO2. Journal of the Physical Society of Japan, 2008, 77, 064604.	1.6	3
101	Triclinic crystal structure of [(Bi<inf>1-x</inf>Co<inf>x</inf>)<inf>2</inf>(Sr<inf>1-y</inf>Bi<inf>y</inf>)<inf>2</inf>O<inf>4+δ</inf>]<inf>p</inf>[Co with p∼1.05 and δ∼0.7. , 2007, , .	0	
102	Crystal Structure of Sr0.35CoO2Compound Studied by High-Resolution Electron Microscopy. Japanese Journal of Applied Physics, 2007, 46, 712-715.	1.5	5
103	Modulated Structure of Bi_{1.8}Sr_{2.0}Rh_{1.6}O_x. Key Engineering Materials, 2007, 336-338, 818-821.	0.4	0
104	Static and Dynamic Characteristics of Thermoelectric Ceramics. Key Engineering Materials, 2007, 336-338, 826-830.	0.4	0
105	Superspace Group Approach to the Crystal Structure of Na0.5CoO2. Japanese Journal of Applied Physics, 2007, 46, 304-310.	1.5	10
106	High-resolution electron microscopy study of misfit-layered Bi-based cobaltites. Philosophical Magazine, 2007, 87, 2663-2669.	1.6	3
107	Preparation, crystal structure and thermoelectric properties of La<inf>2−2x</inf>Ca<inf>1+2x</inf>Mn<inf>2</inf>O<inf>7</inf>. , 2007, , .	2	
108	Modulated structure of the misfit-layered compound Bi _{2.12} Ba _{2.00} Rh _{1.95} O _x . Philosophical Magazine, 2007, 87, 2641-2646.	1.6	0

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109	Thermogravimetric Study and High-Temperature Thermoelectric Properties of [Ca2(Co1-xAx)O3]0.62CoO2. , 2006, , .		1
110	High-resolution electron microscopy of thermoelectric compounds Bi-(Sr,Ba)-Rh-O. , 2006, , .		0
111	Modulated Structure of Misfit-Layered Compound [Bi2.08Sr1.67Oy]0.54[CoO2]. Japanese Journal of Applied Physics, 2006, 45, 4159-4164.	1.5	13
112	Bi-Substitution Effects on Crystal Structure and Thermoelectric Properties of Ca3Co4O9Single Crystals. Japanese Journal of Applied Physics, 2006, 45, 4131-4136.	1.5	43
113	Crystal Structure of Misfit-Layered Compound [Bi1.94Ba1.83Oy]0.56[RhO2]. Japanese Journal of Applied Physics, 2006, 45, 179-185.	1.5	14
114	The thermoelectric properties of [Ca2CoO3]0.62[CoO2] textured ceramics. , 2006, , .		0
115	Compounds and subsolidus phase relations in the system. Journal of Solid State Chemistry, 2005, 178, 2973-2979.	2.9	9
116	Crystal Structure of Thermoelectric Compound [Bi1.79Sr1.98Oy]0.63[RhO2]. Japanese Journal of Applied Physics, 2005, 44, 8557-8561.	1.5	16
117	Modulated Structure of Misfit Layered Cobalt Oxide [(Ca0.90Bi0.10)2(Co0.95Bi0.05)O3]pCoO2. Japanese Journal of Applied Physics, 2004, 43, 6252-6258.	1.5	30
118	Synthesis and magnetic properties of the quasi-one-dimensional compound Ca0.83(Cu1â^'xCox)O2. Journal of Solid State Chemistry, 2004, 177, 73-79.	2.9	4
119	Crystal structure and thermoelectric properties of the misfit-layered cobalt oxides. Solid State Ionics, 2004, 172, 463-467.	2.7	102
120	Preparation and Thermoelectric Properties of Misfit-Layered Sulfide [Yb1.90S2]0.62NbS2. Japanese Journal of Applied Physics, 2004, 43, L1202-L1204.	1.5	25
121	Modulated Structure of the Misfit Layer Thermoelectric Compound (Ca2CoO3)pCoO2. Nihon Kessho Gakkaishi, 2004, 46, 21-26.	0.0	0
122	Effects of Sb-doping on electrical transport properties of Co-based half-Heusler compound. Materials Research Society Symposia Proceedings, 2003, 793, 371.	0.1	2
123	Modulated Structure of Misfit-Layered Cobalt Oxide [Ca2(Co0.65Cu0.35)2O4]0.63CoO2. Japanese Journal of Applied Physics, 2003, 42, 7467-7473.	1.5	26
124	Crystal Structure and Thermoelectric Properties of the Composite Crystal [(Ca1-xSrx)2CoO3]pCoO2. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2003, 50, 475-479.	0.2	8
125	Crystal Structure and Transport Properties of .GAMMA.-NaxCoO2 (x = 0.67-0.75). Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2003, 50, 469-474.	0.2	11
126	Preparation and Low-Temperature Thermoelectric Properties of the Composite Crystal [Ca2(Co0.65Cu0.35)2O4]0.624CoO2. Japanese Journal of Applied Physics, 2002, 41, L849-L851.	1.5	58

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127	Low-Temperature Synthesis and Electric Properties of New Layered Cobaltite, SrxCoO2. Japanese Journal of Applied Physics, 2002, 41, L337-L339.	1.5	48
128	Modulated Structure of the Thermoelectric Compound [Ca2CoO3]0.62CoO2. Journal of the Physical Society of Japan, 2002, 71, 491-497.	1.6	242
129	Modulated Structure of the Composite Crystal Ca0.83CuO2. Journal of Solid State Chemistry, 2002, 163, 540-545.	2.9	15
130	Crystal Structure, Electric and Magnetic Properties of Layered Cobaltite Î²-NaxCoO2. Journal of Solid State Chemistry, 2002, 166, 177-181.	2.9	79
131	Synthesis and characterization of Ag5â^'xPb2O6â^'Î´. Physica C: Superconductivity and Its Applications, 2002, 382, 263-268.	1.2	9
132	Preparation of Bi2Te3 films by electrodeposition. Journal of Crystal Growth, 2001, 229, 542-546.	1.5	136
133	Electron spin resonance studies of the hole-doped quasi one-dimensional cuprate (Ca0.80Y0.20)0.82CuO2. Journal of Magnetism and Magnetic Materials, 2001, 234, 241-246.	2.3	1
134	Structure-compressibility relationships in layered cuprate materials. Physical Review B, 2001, 65, .	3.2	10
135	Pressure effect and neutron scattering study on Ax HfNCl (A; alkali metals and organic molecules). Physica C: Superconductivity and Its Applications, 2000, 341-348, 747-748.	1.2	10
136	Rapid synthesis of colossal magnetoresistance manganites by microwave dielectric heating. Chemical Communications, 2000, , 159-160.	4.1	34
137	Low-Temperature Thermoelectric Properties of the Composite Crystal [Ca 2CoO 3.34] 0.614[CoO 2]. Japanese Journal of Applied Physics, 2000, 39, L531-L533.	1.5	265
138	A Structural Study of the Quasi One-Dimensional Compound (Ca1â^'xYx)0.82CuO2 Prepared at Room Pressure. Journal of Solid State Chemistry, 1999, 145, 511-516.	2.9	12
139	Crystal Structure and Magnetic Properties of the Quasi-One-Dimensional Compound (Ca1â^'xYx)0.82CuO2 Prepared at Room Pressure. Chemistry - A European Journal, 1999, 5, 2265-2269.	3.3	7
140	Synthesis and Crystal Structure of Nd1.57Ce2.56Sr3.87CuO12.08. Chemistry of Materials, 1999, 11, 564-568.	6.7	3
141	Structures of Î²-ZrNCl and superconducting Li0.16ZrNCl: double honeycomb lattice superconductor. Physica C: Superconductivity and Its Applications, 1998, 306, 7-14.	1.2	74
142	Analysis of oxyanion (BO 3 3? , CO 3 2? , SO 4 2? , PO 4 3? , SeO 4 4-) substitution in Y123 compounds studied by X-ray photoelectron spectroscopy. Journal of Superconductivity and Novel Magnetism, 1996, 9, 97-100.	0.5	39
143	Preparation of Superconducting Sr$_{f{2}}$CuO$_{f{2}}$(CO$_{f{3}}$)$_{{f{1-}inmbi{x}}}$(BO$_{f{3}}$)x Films by Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 1996, 35, L1053-L1054.	1.5	2
144	Neutron diffraction study of a (C,Cu)(Sr,Ca)2(Y,Ca,Sr) Cu2O7 superconductor. Physica B: Condensed Matter, 1995, 213-214, 94-96.	2.7	0

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145	Preparation and crystal structure of Nd2Sr3Cu3O6(BO3)2. Physica C: Superconductivity and Its Applications, 1994, 227, 245-253.	1.2	11
146	Preparation, crystal structure and superconductivity of (C, Cu)(Sr, Ca)2(Y, Ca, Sr)Cu2O7. Physica C: Superconductivity and Its Applications, 1994, 230, 89-96.	1.2	11
147	Preparation, electric conductivity and crystal structure of (Sr2â^'xBax)CuO2+y(CO3)z. Physica C: Superconductivity and Its Applications, 1993, 215, 159-166.	1.2	14
148	Ordered arrangement of carbon and copper atoms in (C0.4Cu0.6)Sr2(Y0.86Sr0.14)Cu2O7. Physica C: Superconductivity and Its Applications, 1993, 207, 175-184.	1.2	13
149	New Oxide Superconductors Containing Carbonate Groups.. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 1993, 40, 131-136.	0.2	0
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