Cheng Dong

List of Publications by Year in Descending Order

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	Magnetic Ordering and Structural Transition in the Ordered Double-Perovskite Pb2NiMoO6. *Chemistry of Materials*, **2022**, 34, 97-106	9.6	0
150	Structural origin of the high-voltage instability of lithium cobalt oxide. *Nature Nanotechnology*, **2021**, 16, 599-605	28.7	42
149	A combinatory ferroelectric compound bridging simple ABO and A-site-ordered quadruple perovskite. *Nature Communications*, **2021**, 12, 747	17.4	9
148	Synthesis, crystal structure and physical properties of kiddcreekite Cu6WSnS8 and its congener Cu6WSnSe8. *Journal of Solid State Chemistry*, **2019**, 278, 120918	3.3	1
147	Synthesis, crystal structure and superconducting properties of calcium intercalates of MoS2. *Journal of Solid State Chemistry*, **2018**, 258, 131-137	3.3	2
146	Novel Cobalt Germanium Hydroxide for Electrochemical Water Oxidation. *ACS Applied Materials & Interfaces*, **2018**, 10, 30357-30366	9.5	12
145	Superconductivity in a misfit compound (PbSe)1.12(TaSe2). *Superconductor Science and Technology*, **2018**, 31, 125010	3.1	6
144	Formation of ZnO Tetrahedra and ZnO Octahedra in TeZnO Synthesized under High Pressure. *Inorganic Chemistry*, **2018**, 57, 6716-6721	5.1	5
143	Charge Density Wave and Crystal Structure of (hbox {K}_{x}hbox {WO}_{3}) ((x=0.20) and 0.22) Prepared by Hybrid Microwave Method. *Journal of Low Temperature Physics*, **2017**, 188, 1-10	1.3	1
142	Significant enhancement of superconductivity in copper-doped 2H-TaSe2. *Superconductor Science and Technology*, **2017**, 30, 125001	3.1	6
141	Topotactic Reduction toward a Noncentrosymmetric Deficient Perovskite Tb0.50Ca0.50Mn0.96O2.37 with Ordered Mn Vacancies and Piezoelectric Behavior. *Chemistry of Materials*, **2017**, 29, 9840-9850	9.6	7
140	Preparation and properties of a new ternary phase Mg3+xNi7−xB2 (0.17⩽x⩽0.66) and its Cu-doping effect. *Journal of Solid State Chemistry*, **2015**, 226, 24-28	3.3	2
139	AutoFP: a GUI for highly automated Rietveld refinement using an expert system algorithm based onFullProf. *Journal of Applied Crystallography*, **2015**, 48, 1581-1586	3.8	15
138	Low-temperature physical properties and electronic structures of Ni 3 Sb, Ni 5 Sb 2 , NiSb 2 , and NiSb. *Chinese Physics B*, **2015**, 24, 067201	1.2	4
137	Sealed-tube synthesis and phase diagram of LixTiS2 (0⩽x⩽1). *Materials Research Bulletin*, **2015**, 61, 499-503	5.1	2
136	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
135	Synthesis and electrical conductivity of nanocrystalline tetragonal FeS. *Chinese Physics B*, **2014**, 23, 087203	1.2	9

134	Crystal and local structure refinement in Ca2Al3O6F explored by X-ray diffraction and Raman spectroscopy. *Physical Chemistry Chemical Physics*, **2014**, 16, 5952-7	3.6	37
133	CuNNi3: a new nitride superconductor with antiperovskite structure. *Superconductor Science and Technology*, **2013**, 26, 125015	3.1	36
132	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
131	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. *Chinese Physics B*, **2012**, 21, 047401	1.2	3
130	EPCryst: a computer program for solving crystal structures from powder diffraction data. *Journal of Applied Crystallography*, **2011**, 44, 230-237	3.8	11
129	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
128	Preparation and physical properties of antiperovskite-type compounds CdNCo3−xNiz (0⩽x⩽3). *Journal of Solid State Chemistry*, **2011**, 184, 1939-1945	3.3	14
127	Enhancement of the critical current density and upper critical field in Zr and Mo co-doped Nb3Sn. *Superconductor Science and Technology*, **2010**, 23, 025016	3.1	4
126	Influence of carbon content on the lattice variation, magnetic and electronic transport properties in Mn3SnCx. *Applied Physics Letters*, **2010**, 96, 041903	3.4	28
125	Crystal structure and physical properties of the new ternary compound MgNi7B3. *Journal of Alloys and Compounds*, **2010**, 493, 31-34	5.7	4
124	An approach for eliminating chemically unreasonable structure models with overlapping atoms as implemented within theGESTsoftware. *Journal of Applied Crystallography*, **2010**, 43, 179-180	3.8	1
123	Polyhedral Organic Microcrystals: From Cubes to Rhombic Dodecahedra. *Angewandte Chemie*, **2009**, 121, 9285-9287	3.6	15
122	Polyhedral organic microcrystals: from cubes to rhombic dodecahedra. *Angewandte Chemie - International Edition*, **2009**, 48, 9121-3	16.4	91
121	Preparation and properties of antiperovskite-type nitrides: InNNi3 and InNCo3. *Journal of Solid State Chemistry*, **2009**, 182, 3353-3357	3.3	33
120	SMEPOC—a computer program for the automatic generation of trial structural models for inorganic compounds with symmetry restriction. *Journal of Applied Crystallography*, **2009**, 42, 953-958	3.8	3
119	PeckCryst: a program for structure determination from powder diffraction data using a particle swarm optimization algorithm. *Journal of Applied Crystallography*, **2009**, 42, 1189-1193	3.8	7
118	High pressure induced coordination evolution in chain compound Li2CuO2. *Journal of Solid State Chemistry*, **2009**, 182, 3085-3090	3.3	5
117	Investigation of structure and electrical properties of Li0.5La0.5TiO3 ceramics via microwave sintering. *Journal of Alloys and Compounds*, **2009**, 481, 555-558	5.7	41

116	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
115	Hybrid-microwave synthesis of pure and Cu-doped CaAlSi superconductors. *Superconductor Science and Technology*, **2008**, 21, 015010	3.1	2
114	The effects of Ti and Cr co-doping on the structure and superconductivity of V3Si. *Superconductor Science and Technology*, **2008**, 21, 035004	3.1	3
113	Hybrid microwave synthesis and characterization of the compounds in the Li□iO system. *Journal of Power Sources*, **2008**, 175, 575-580	8.9	37
112	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
111	Crystal structure and electrical properties of new tungsten bronzes: BxWO3 (0.01□0.08). *Materials Research Bulletin*, **2007**, 42, 1384-1389	5.1	5
110	Crystal structure and electrical properties of CaxWO3 (0.01□0.15) prepared by hybrid microwave synthesis. *Materials Research Bulletin*, **2006**, 41, 655-661	5.1	7
109	Magnetovolume effect in intermetallics LaFe13□Six. *Journal of Physics Condensed Matter*, **2006**, 18, 9999-10007	1.8	46
108	Entropy changes associated with the first-order magnetic transition in LaFe13□Six. *Journal of Applied Physics*, **2006**, 100, 123904	2.5	37
107	Structural classification and a binary structure model for superconductors. *Chinese Physics B*, **2006**, 15, 3005-3013		6
106	GENEFP: a full-profile fitting program for X-ray powder patterns using the genetic algorithm. *Journal of Applied Crystallography*, **2006**, 39, 615-617	3.8	1
105	A green route for microwave synthesis of sodium tungsten bronzes NaxWO3 (0. *Journal of Solid State Chemistry*, **2005**, 178, 58-63	3.3	32
104	High pressure synthesis of a new superconductor Sr2CuO2+□Cl2□ induced by □pical oxygen doping□*Physica C: Superconductivity and Its Applications*, **2005**, 420, 23-29	1.3	24
103	Phase separation, effects of magnetic field and high pressure on charge ordering in □Na0.5CoO2. *Materials Chemistry and Physics*, **2005**, 94, 119-124	4.4	10
102	Competition of superconductivity and charge density wave order in NaxTaS2 single crystals. *Science and Technology of Advanced Materials*, **2005**, 6, 736-739	7.1	7
101	The effects of interstitial oxygen on resistivity transport behaviour and superconductivity in excess oxygen-doped La1.85(Sr, Ba)0.15CuO4+□ *Superconductor Science and Technology*, **2004**, 17, 125-129	3.1	
100	Rapid preparation of MgB2superconductor using hybrid microwave synthesis. *Superconductor Science and Technology*, **2004**, 17, L55-L57	3.1	22
99	The properties of V-substituted La1.85Sr0.15CuO4+□superconductor. *Physica C: Superconductivity and Its Applications*, **2003**, 384, 75-80	1.3	2

98	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
97	Synthesis and Structure of n = 5 Member of the An+1MnnO3n+3(A2O) Series. *Chemistry of Materials*, **2003**, 15, 516-522	9.6	9
96	Orthorhombic to Cubic Phase Transition in La1□CaxMnO3 Perovskites. *Physica Status Solidi (B): Basic Research*, **2002**, 229, 1145-1154	1.3	10
95	The microstructure study of Co-doped YBCO system. *Physica C: Superconductivity and Its Applications*, **2002**, 377, 348-356	1.3	24
94	A simple volumetric method for oxygen content determination in high-Tc doped YBCO compositions. *Physica C: Superconductivity and Its Applications*, **2002**, 383, 17-22	1.3	7
93	Electron□electron interaction in multiwall carbon nanotubes. *Solid State Communications*, **2002**, 121, 149-153	1.6	4
92	Preparation and superconductivity of a tape MgB2 superconductor with the grain size of 10□00 nm. *Journal of Materials Science Letters*, **2002**, 21, 1367-1369		
91	Magnetic entropy change and magnetoresistance in the LaFe[sub 11.375]Al[sub 1.625] compound. *Journal of Applied Physics*, **2002**, 91, 7836	2.5	13
90	Preparation, structure and superconductivity of La2$minus$xSrxCaCu2O4Cl2 and La1.8$minus$xSr0.2Ca1$plus$xCu2O4Cl2 superconductors synthesized at ambient pressure. *Superconductor Science and Technology*, **2002**, 15, 875-880	3.1	
89	Measurements of Raman scattering, x-ray photo-emission and superconductivity on Ag-diffused MgCNi3. *Superconductor Science and Technology*, **2002**, 15, 1316-1319	3.1	2
88	The effect of Ca doping on the superconductivity of (R0.4Pr0.6)Ba2Cu3O7□□compounds prepared at high pressure (R □La, Pr, Nd, Sm, Eu, Gd and Y). *Journal of Physics Condensed Matter*, **2002**, 14, 10693-10698	1.8	1
87	The effect of Cu doping in the NiO2 plane on the stripe phase in La1.67Sr0.33NiO4. *Journal of Physics Condensed Matter*, **2002**, 14, 5539-5548	1.8	1
86	A novel synthesis approach to transition metal boracites. *Journal of Materials Chemistry*, **2002**, 12, 1771-1774		4
85	Coexistence of magnetism and superconductivity in a new Fe-containing cuprate superconductor (Fe0.5Cu0.5)SrBaYCu2O7+□*Solid State Communications*, **2001**, 119, 579-584	1.6	10
84	The property of (Bi,Pb)-2223 Ag□AgCu sheathed superconductors with various sheath assemblages. *Physica C: Superconductivity and Its Applications*, **2001**, 351, 125-138	1.3	2
83	Superconducting phases, charge ordering and possible correlation between them in La2CuO4.12. *Superconductor Science and Technology*, **2001**, 14, 398-405	3.1	5
82	A new metastable phase with T/sub c/ of 32 K in La/sub 2/CuO/sub 4+/spl delta// system. *IEEE Transactions on Applied Superconductivity*, **2001**, 11, 3403-3406	1.8	1
81	LAPODS: a computer program for refinement of lattice parameters using optimal regression. *Journal of Applied Crystallography*, **2000**, 33, 1177-1179	3.8	10

80	Superconducting phase with Tc of 17K in La2CuO4+. *Solid State Communications*, **2000**, 114, 107-111	1.6	5
79	Effect of oxygen redistribution in Bi-based high-Tc superconductors on their normal and superconducting properties. *Physica C: Superconductivity and Its Applications*, **2000**, 337, 327-330	1.3	3
78	Phase transformation and critical current density of (Bi, Pb)-2223/Ag superconducting tapes by a low temperature. ow oxygen pressure post-annealing method. *Physica C: Superconductivity and Its Applications*, **2000**, 339, 171-180	1.3	9
77	Influence of low temperature. ow oxygen pressure post-annealing on critical current density of Bi(Pb)2223/Ag superconductors. *Physica C: Superconductivity and Its Applications*, **2000**, 339, 181-194	1.3	16
76	Monolayer formation and Langmuir. lodgett films of benzimidazole derivatives without alkyl chain. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2000**, 175, 165-170	5.1	8
75	Metal-insulator transition and possible superconductivity in Pb2.2Cu0.8Sr3.1La1.5Cu1.5Oy with hexagonal structure. *Materials Research Innovations*, **2000**, 3, 212-217	1.9	1
74	Vortex characteristics in a superconducting Bi2Sr2.LaxCuO6+. thin film. *Physical Review B*, **2000**, 62, 11373-11376	3.3	8
73	Electrochemical oxidation of La 2 CuO 4 single crystals. *Chinese Physics B*, **2000**, 9, 624-629		
72	Analysis of the interfaces of and multilayers. *Journal of Physics Condensed Matter*, **1999**, 11, 945-954	1.8	3
71	Phase transition behavior of BaTiO3 thin films using high-temperature x-ray diffraction. *Journal of Applied Physics*, **1999**, 86, 4555-4558	2.5	35
70	Structural refinement of RE2ACu2O6 from powder X-ray diffraction data (RE=La, Nd, A=Sr, Ca). *Physica C: Superconductivity and Its Applications*, **1999**, 313, 285-293	1.3	6
69	A new CuK.-elimination algorithm. *Journal of Applied Crystallography*, **1999**, 32, 168-173	3.8	36
68	PowderX: Windows-95-based program for powder X-ray diffraction data processing. *Journal of Applied Crystallography*, **1999**, 32, 838-838	3.8	550
67	Correction of zero shift in powder diffraction patterns using the reflection-pair method. *Journal of Applied Crystallography*, **1999**, 32, 850-853	3.8	23
66	Phase composition and crystal structure of (La2.Ndy)1./2Sr1+xCu2O6 (0?x?1; 0?y?2). *Journal of Alloys and Compounds*, **1999**, 289, 48-54	5.7	1
65	Preparation of the single phase LaBa2Cu3Oy superconductor with Tc(0)=97 K and suppression of the substitution of La for Ba. *Journal of Alloys and Compounds*, **1999**, 290, 298-303	5.7	6
64	Effects of preparation condition on structure and superconductivity in the LaBCO system. *Materials Letters*, **1999**, 39, 305-309	3.3	3
63	Preparation condition, structure and superconductivity of LaBaMCu3Oy (M=Ba, Sr, Ca). *Materials Letters*, **1999**, 40, 222-227	3.3	5

62	Ca doped YBaSrCu2.5B0.5□SxOz series: combination effect of the cation and oxyanion doping. *Physica C: Superconductivity and Its Applications*, **1998**, 296, 225-229	1.3	2
61	Crystal growth and superconductivity of heavily La-doped Bi-2201 single crystals. *Physica C: Superconductivity and Its Applications*, **1998**, 308, 294-300	1.3	36
60	Epitaxial growth of Bi2Sr2□LaxCuO6+□thin films by RF-magnetron sputtering. *Physica C: Superconductivity and Its Applications*, **1998**, 295, 75-79	1.3	8
59	Electronic and magnetic properties of. *Journal of Physics Condensed Matter*, **1998**, 10, 8477-8484	1.8	10
58	Ferroelectric properties of cerium doped barium titanate (BATIO3:CE). *Ferroelectrics*, **1997**, 195, 69-72	0.6	2
57	Relationship between the lattice parameter and superconductivity in the 2-1-4 series n-type cuprates. *Physical Review B*, **1997**, 55, 3935-3942	3.3	3
56	La1.6Sr0.4CaCu4O4+□l2-y superconductor synthesized at ambient pressure. *Physica C: Superconductivity and Its Applications*, **1997**, 273, 296-300	1.3	5
55	The effects of sulphur substitution on Y(Ba,Sr)2Cu2.5B0.5Oz systems. *Physica C: Superconductivity and Its Applications*, **1997**, 278, 107-112	1.3	3
54	The effects of composition, synthesis conditions, oxygen content and F doping on superconductivity and structure for R-substituted Bi-2201. *Superconductor Science and Technology*, **1996**, 9, 297-302	3.1	8
53	The crystal structure and superconductivity of (Ln = Pr, Sm, Eu, Gd and Dy). *Journal of Physics Condensed Matter*, **1996**, 8, 2869-2879	1.8	
52	Phase relations in the NdCoSi system at 800□C. *Journal of Alloys and Compounds*, **1996**, 241, 191-195	5.7	12
51	Synthesis and Crystal Structure of New Pb-Based Copper Oxides (Pb0.5M0.5)(Sr0.9Ho0.1)2(Ho0.7Ce0.3)2Cu2Oy(M= Pb and Cd). *Journal of Solid State Chemistry*, **1996**, 123, 313-316	3.3	4
50	Influence of fluorine on the properties of Nd1.85Ce0.15CuO4 □h-type superconductor. *Physica C: Superconductivity and Its Applications*, **1996**, 260, 64-70	1.3	7
49	Determination of the solid-solution region of infinite-layer compound (SrxCa1□CuO2 under ambient pressure by X-ray diffraction. *Physica C: Superconductivity and Its Applications*, **1996**, 264, 19-21	1.3	3
48	Replication of steps from substrate surface to superlattice interfaces. *Journal of Crystal Growth*, **1996**, 163, 339-342	1.6	
47	Preparation and superconductivity of the co-doped superconductor Nd2□□CayCexCuO4 with T? structure. *Physica C: Superconductivity and Its Applications*, **1996**, 270, 354-360	1.3	
46	Effect of the fluctuation range of formation temperature on the preparation and superconductivity of Bi(Pb)2223 single-phase. *Journal of Superconductivity and Novel Magnetism*, **1995**, 8, 749-751		
45	The crystal structure and electrical properties of solid solutions Nd2□PrxCuO4. *Physica Status Solidi A*, **1995**, 148, 219-228		1

44	Synthesis and superconducting properties of (Pb0.5Cd0.5)Sr2(Y0.5Ca0.5)Cu2O7. *Physica C: Superconductivity and Its Applications*, **1995**, 245, 281-286	1.3	6
43	New 1212 type (Pb, Cd) based cuprate superconducting system (Pb0.5Cd0.5)Sr2(Tb1−xCax)Cu2O7. *Physica C: Superconductivity and Its Applications*, **1995**, 251, 110-114	1.3	4
42	A new family of Pb-based 1222 cuprates Pb(Sr,La)2Ln2Cu2Oz (Ln?Gd, Dy, Eu, and Pr). *Physica C: Superconductivity and Its Applications*, **1995**, 249, 196-201	1.3	7
41	Critical current density and flux pinning in Gd1−YxBa2Cu3O7− epitaxial thin films. *Physica C: Superconductivity and Its Applications*, **1995**, 250, 55-58	1.3	7
40	Superconductivity in the quaternary compounds LNi4B4C with L=Y, Ho, Er, and Tm. *Physical Review B*, **1995**, 51, 8395-8397	3.3	4
39	Phase relation, crystal structure, and magnetic properties of La-Co-Si alloys. *Physical Review B*, **1995** , 51, 60-66	3.3	9
38	Preferential occupancy and composition-driven c-axis variation in (Pb0.5Cd0.5)(Sr,Y,Ca)3Cu2O7-delta. *Physical Review B*, **1995**, 51, 9261-9270	3.3	1
37	X-ray reflectivity studies of the effect of surfactant on the growth of GeSi superlattices. *Journal of Applied Physics*, **1995**, 78, 1681-1684	2.5	6
36	The unsymmetry X-ray diffraction method and quantitative texture analysis of textured Bi-2212 samples. *Superconductor Science and Technology*, **1995**, 8, 439-442	3.1	6
35	Characterization of a new Pb-based 1222 cuprate Pb(Sr1.2La0.8)Gd2Cu2O9.06. *Journal of Physics Condensed Matter*, **1995**, 7, L405-L410	1.8	
34	Crystal structure and superconductivity of new Pb-based 1222 cuprate (Pb0.5Cd0.5)(Sr0.9Eu0.1)2(Eu0.7Ce0.3)2Cu2O9+ delta. *Journal of Physics Condensed Matter*, **1995**, 7, 5975-5982	1.8	9
33	The high-pressure and high-temperature synthesis of HgBa2CaCu2O6+ deltaand HgBa2Ca2Cu3O8+ deltasuperconductors and their characterization. *Superconductor Science and Technology*, **1995**, 8, 48-52	3.1	10
32	Voltammetry of Self-Assembled Ferroceneoctanethiol Monolayers on Metal-Coated High-Temperature Superconductor Electrodes at Sub-Tc Temperatures. *Journal of the American Chemical Society*, **1995**, 117, 1121-1126	16.4	15
31	Subsolidus phase relations of the La?Co?Cu system and crystal structure of LaCoCu12. *Journal of Alloys and Compounds*, **1995**, 223, 45-48	5.7	38
30	Electrosynthesis of barium potassium lead oxide single crystals. *Synthetic Metals*, **1995**, 71, 1615-1616	3.6	1
29	HgBaCaCuO system phase diagram and the formation of HgBa2CanCunO2n+2+ superconducting phases. *Journal of Materials Research*, **1995**, 10, 1358-1361	2.5	3
28	Structural Anomalies of Bi-2223 Phase in the Temperature Range of 8-305 K. *Chinese Physics Letters* , **1994**, 11, 494-497	1.8	1
27	The high-pressure synthesis, microstructure and superconductivity of infinite-layer (Sr1-xPrx)CuO2. *Superconductor Science and Technology*, **1994**, 7, 832-840	3.1	4

26	Superconductivity in a new (Sr, Y)CuO 2 System Synthesized Under High Pressure. *Chinese Physics Letters*, **1994**, 11, 123-126	1.8	
25	Structural studies of Fe/Pd magnetic multilayers by x-ray diffraction. *Physical Review B*, **1994**, 50, 6119-6125	3.3	21
24	High-Temperature X-Ray Diffraction Study on Stability of the Infinite-Layer SrCuO2. *Journal of Solid State Chemistry*, **1994**, 112, 211-213	3.3	3
23	Superconductivity in the (Sr1−xYx) CuO2 (x=0.00−0.30) system synthesized under high pressure. *Physica C: Superconductivity and Its Applications*, **1994**, 219, 123-128	1.3	18
22	Structure and superconductivity in the infinite-layer Sr1−xCuO2 system prepared under high pressure. *Physica C: Superconductivity and Its Applications*, **1994**, 233, 311-320	1.3	12
21	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
20	Superconductivity at 30 K in the Nd2CuO4-type cuprate Tm1.83Ca0.17CuO4. *Physica C: Superconductivity and Its Applications*, **1994**, 230, 385-388	1.3	11
19	The crystal structure of (Pb0.5Cd0.5)Sr2 (Y1−xCax)Cu2O7. *Physica C: Superconductivity and Its Applications*, **1994**, 230, 389-396	1.3	12
18	Stability of the infinite layer SrCuO2 studied by high temperature X-ray diffraction. *Physica C: Superconductivity and Its Applications*, **1994**, 235-240, 995-996	1.3	5
17	Effect of quenching on the superconductivity and oxygen content of Bi(Pb)-2223 phase. *Solid State Communications*, **1994**, 89, 903-906	1.6	3
16	Synthesis and crystal structure of copper oxybromides [M2Cu3O4Br2 (M=Sr,Ba)]. *Materials Research Bulletin*, **1994**, 29, 219-223	5.1	2
15	Synthesis and crystal structure of barium copper fluochalcogenides:[BaCuFQ (Q=S,Se)]. *Materials Research Bulletin*, **1994**, 29, 505-508	5.1	33
14	Synthesis and crystal structure of new rare-earth copper oxyselenides: RCuSeO (R=La, Sm, Gd and Y). *Materials Research Bulletin*, **1994**, 29, 143-147	5.1	73
13	Synthesis of the superconductors HgBa2CaCu2O6+δ and HgBa2Ca2Cu3O8+δ *Physica C: Superconductivity and Its Applications*, **1993**, 218, 5-7	1.3	23
12	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
11	A possible high-Tc superconducting new system. *Solid State Communications*, **1992**, 83, 189-190	1.6	
10	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
9	Thermopower of Tl2Ba2CuO6+δ bulk superconductors. *Physica C: Superconductivity and Its Applications*, **1991**, 176, 368-372	1.3	7

8	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
7	Anisotropic resistivity and paraconductivity of Tl2Ba2CaCu2O8 single crystals. *Physical Review B*, **1991**, 43, 12925-12929	3.3	47
6	90 K bulk superconductivity in the Tl-Ba-Ce-Cu-O system. *Physica C: Superconductivity and Its Applications*, **1989**, 158, 507-510	1.3	5
5	Superconductivity about 120 K in the Tl-Bi-Sr-Ca-Cu-O system. *Physica C: Superconductivity and Its Applications*, **1989**, 161, 257-261	1.3	6
4	Superconductivity in the R?Tl?Sr?Cu?O system with R = rare earths. *Solid State Communications*, **1989**, 71, 739-741	1.6	6
3	Superconductivity and crystal structure in the La-Ba-Cu-O system. *Physical Review B*, **1988**, 37, 5182-5185	3.3	19
2	UPPER CRITICAL FIELD OF HIGH Tc SUPERCONDUCTING OXIDES. *International Journal of Modern Physics B*, **1987**, 01, 451-453	1.1	
1	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