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Possible high  $T_c$  superconductivity in the  
BaLaCuO system

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2291	Anomalous low-frequency dispersion in $X_{2/5}/BaCuO_{5/2}$ compounds.		
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2134	ESR and Magnetic Susceptibility in $\text{Y}_2\text{BaCuO}_5$ . <b>1987</b> , 26, L766-L767	36
2133	Upper Critical Field Measurements by Pulsed Magnetic Fields in High- $T_c$ Superconducting Oxides. <b>1987</b> , 26, L822-L824	23
2132	Sharp Superconductivity Transition at 94 K in $\text{HoBa}_2\text{Cu}_3\text{O}_{7-x}$ and $\text{ErBa}_2\text{Cu}_3\text{O}_{7-x}$ <b>1987</b> , 26, L854-L855	22
2131	Critical Current Density of Wire Type Y-Ba-Cu Oxide Superconductor. <b>1987</b> , 26, L865-L866	76

2130	Growth of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>9-δ</sub> Single Crystals from the High Temperature Solution. <b>1987</b> , 26, L1197-L1198	25
2129	Electrical Properties of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>y</sub> at High Temperatures. <b>1987</b> , 26, L1292-L1293	20
2128	High-T <sub>c</sub> Superconductivity of a Melt-Spun Er <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> Ribbon. <b>1987</b> , 26, L1384-L1387	16
2127	Space-Group Determination of La <sub>2</sub> CuO <sub>4</sub> By Conventional and Convergent-Beam Electron Diffraction. <b>1987</b> , 26, L1502-L1504	10
2126	Thickness Dependence of Superconductivity in As-Sputtered Er-Ba-Cu-O Thin Films. <b>1987</b> , 26, L1837-L1838	18
2125	Preparation and Property of La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> Single Crystal. <b>1987</b> , 26, L386-L387	19
2124	Lattice Parameter and Its Pressure Dependence of High-T <sub>c</sub> Sr <sub>x</sub> La <sub>2-x</sub> CuO <sub>4-y</sub> (x~0.6) Prepared under Reducing Condition. <b>1987</b> , 26, L510-L511	18
2123	Meissner Effect and Resistivity of the Superconducting Y-Ba-Cu-O System. <b>1987</b> , 26, L608-L610	7
2122	Oxygen-Defect Perovskite Structure with Superconducting T <sub>c</sub> above 50 K in La-Ba-Cu-O Compound System. <b>1987</b> , 26, L615-L616	30
2121	Superconductivity above 90 K in Y-Ba-Cu-O Compounds and Their Critical Current Densities at 77 K. <b>1987</b> , 26, L624-L626	6
2120	Specific Heat and Superconductivity of Ba <sub>2</sub> YCu <sub>3</sub> O <sub>y</sub> . <b>1987</b> , 26, L748-L750	66
2119	Preparation and High-T <sub>c</sub> Superconductivity of Ba-Y-Cu Oxides. <b>1987</b> , 26, L818-L819	2
2118	Superconductivity at 95 K in the New Yb-Ba-Cu Oxide System. <b>1987</b> , 26, L339-L341	54
2117	Chemical-State Studies of Oxygen-Released Y-Ba-Cu Oxide. <b>1987</b> , 26, L1569-L1572	17
2116	Magnetization and Meissner Effect in the High-T <sub>c</sub> Superconductor Ba <sub>x</sub> Y <sub>1-x</sub> CuO <sub>3-y</sub> . <b>1987</b> , 26, L517-L518	12
2115	Critical Current Density of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> Oxide Wires. <b>1987</b> , 26, 1653-1656	37
2114	Localized Electrons Around Cu Atoms of Superconductor, Tetragonal YBa <sub>2</sub> Cu <sub>3-x</sub> O <sub>7-y</sub> . <b>1987</b> , 26, L1365-L1367	11
2113	High-T <sub>c</sub> Superconductivity of La-Ba-Cu Oxides. III -Electrical Resistivity Measurement. <b>1987</b> , 26, L151-L152	38

2112	Preparation of Superconductive YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> Thick Films by the Rapid-Quenching Technique. <b>1987</b> , 26, L1991-L1993	15
2111	Superconducting Properties of (La <sub>1-x</sub> Sr <sub>x</sub> ) <sub>2</sub> CuO <sub>4</sub> . <b>1987</b> , 26, L443-L444	35
2110	Growth of (La <sub>1-x</sub> Sr <sub>x</sub> ) <sub>2</sub> CuO <sub>4</sub> Crystals from High Temperature Solution. <b>1987</b> , 26, L732-L733	12
2109	Bulk superconductivity at 107.6 in the Ba-Y-Cu-O system. <b>1987</b> , 20, L351-L353	2
2108	Identification of a single-phase Y-Ba-Cu-O system superconducting at 91 K. <b>1987</b> , 17, L105-L108	8
2107	Infrared Reflection Spectra of High-T <sub>c</sub> Superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> Sintered at Various Temperatures. <b>1987</b> , 26, L1052-L1053	14
2106	Oxygen Effect on the Superconductivity of Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7-y</sub> . <b>1987</b> , 26, L1180-L1182	18
2105	Determination of Oxygen Nonstoichiometry in a High-T <sub>c</sub> Superconductor Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7-δ</sub> . <b>1987</b> , 26, L1228-L1230	378
2104	Possibility of Superconductivity at 65°C in Sr-Ba-Y-Cu-O System. <b>1987</b> , 26, L1413-L1415	39
2103	Twinning of High-T <sub>c</sub> Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7-x</sub> Oxides. <b>1987</b> , 26, L1478-L1481	37
2102	Local Interactions and Van Hove Singularities in High-T <sub>c</sub> Superconductors. <b>1987</b> , 26, L1674-L1677	8
2101	High Transition Temperature Superconductor: Y-Ba-Cu Oxide. <b>1987</b> , 26, L314-L315	166
2100	High-T <sub>c</sub> Magnetic Superconductor: Ho-Ba-Cu Oxide. <b>1987</b> , 26, L347-L348	41
2099	High Field Measurement of the Critical Field in (La <sub>1-x</sub> Sr <sub>x</sub> ) <sub>2</sub> CuO <sub>4</sub> up to 40 T. <b>1987</b> , 26, L413-L414	6
2098	High-T <sub>c</sub> Superconductivity in New Oxide Systems and Their X-Ray Diffraction Study. <b>1987</b> , 26, L642-L644	9
2097	Some Problems in the Preparation of Superconducting Oxide Films on Ceramic Substrates. <b>1987</b> , 26, L763-L765	30
2096	Effect of Concentration Ratio and Preparation Process on the Superconducting Properties of the Y-Ba-Cu-O System. <b>1987</b> , 26, L785-L787	6
2095	Superconducting and Structural Properties of the New Ba <sub>1-x</sub> Ln <sub>x</sub> CuO <sub>3-y</sub> Compound System (Ln=La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er and Yb). <b>1987</b> , 26, L815-L817	50

2094	Determination of Valence of Copper and Oxygen Deficiency in Superconducting $\text{Sr}_x\text{La}_{2-x}\text{CuO}_{4-y}$ . <b>1987</b> , 26, L838-L839	18
2093	Infrared Spectroscopy in High-T <sub>c</sub> Superconductors $(\text{La}_{1-x}\text{Sr}_x)_2\text{CuO}_4$ . <b>1987</b> , 26, L879-L881	18
2092	Anharmonic Model for High- T <sub>c</sub> Superconductors. <b>1987</b> , 4, 1309-1314	125
2091	Paramagnetic resonance study of the high-temperature superconductor $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ and the gap equation. <b>1987</b> , 20, L789-L796	32
2090	Point-contact tunneling investigation of the superconductors in Y-Ba-Cu-O system. <b>1987</b> , 4, 481-484	5
2089	High Temperature Superconductivity in Mixed Metal Oxides Containing Yttrium. <b>1987</b> , 26, L1004-L1008	9
2088	Phase Transformation in the Superconductor Ba-Y-Cu-O and La-Sr-Cu-O Compounds. <b>1987</b> , 26, L1202-L1204	25
2087	Anisotropic Upper Critical Fields of Orthorhombic Single Phase $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ Studied Using Preferentially Oriented Pellets. <b>1987</b> , 26, L1323-L1325	21
2086	Pressure Dependence of High-T <sub>c</sub> Superconducting Oxides. <b>1987</b> , 26, L1374-L1376	20
2085	Phonon Raman Scattering in Orthorhombic and Tetragonal $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ . <b>1987</b> , 26, L1794-L1796	11
2084	Preparation of High-T <sub>c</sub> Superconducting Y-Ba-Cu-O Ceramics and Their Grain Morphologies. <b>1987</b> , 26, L1821-L1823	14
2083	Resistivity Anomaly Near Room Temperature of Y-Ba-Cu-O and Related Oxides as Created by the Surface Effect of Water. <b>1987</b> , 26, L1979-L1981	14
2082	Crystal Structures of $(\text{La}_{1-x}\text{M}_x)_2\text{CuO}_4$ (M=Sr and Ba). <b>1987</b> , 26, L363-L365	66
2081	Transport Properties and Specific Heat of $(\text{La}_{1-x}\text{Ba}_x)_2\text{CuO}_{4-y}$ . <b>1987</b> , 26, L402-L404	26
2080	High-T <sub>c</sub> Superconductivity in New Oxide Systems II. <b>1987</b> , 26, L456-L457	45
2079	Superconductivity Transition in High-T <sub>c</sub> Y-Ba-Cu-O Mixed-Phase System. <b>1987</b> , 26, L506-L507	9
2078	Identification of a Structure with Two Superconducting Phases in L-Ba-Cu-O System (L=La or Y). <b>1987</b> , 26, L621-L623	7
2077	Estimation of the Filling Factor of the High-T <sub>c</sub> Superconducting Phase in Y-Ba-Cu-O Mixed System. <b>1987</b> , 26, L631-L633	4

2076	Magnetization Measurements in Y-Ba-Cu-O Compound System. <b>1987</b> , 26, L655-L656	26
2075	High-Tc Superconductivity Based on the Square Planar [CuO <sub>4</sub> ] Bonding System K <sub>2</sub> NiF <sub>4</sub> -Type (A, A*) <sub>2</sub> CuO <sub>4</sub> and Oxygen-Deficient Perovskite (Ba <sub>2</sub> A)Cu <sub>3</sub> O <sub>7</sub> . <b>1987</b> , 26, L678-L681	5
2074	Meissner Effect in High-Tc Superconductive Thin Films. <b>1987</b> , 26, L724-L725	2
2073	Oxygen Deficiency in YM <sub>2</sub> Cu <sub>3</sub> O <sub>7+y</sub> (M=Ba, Sr) Family. <b>1987</b> , 26, L804-L806	51
2072	Annealing-Temperature Dependence of High-Tc Superconductivity of Y <sub>1-x</sub> Ba <sub>x</sub> CuO <sub>3</sub> . <b>1987</b> , 26, L1097-L1099	6
2071	Preparation of Y-Ba-Cu-O Thin Films by RF-Magnetron Sputtering. <b>1987</b> , 26, L1484-L1486	24
2070	Preparation of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> Superconducting Thin Films by RF-Magnetron Sputtering. <b>1987</b> , 26, L1489-L1491	33
2069	Valence Study of Orthorhombic and Tetragonal Ba <sub>2</sub> YCu <sub>3</sub> O <sub>y</sub> : The Role of Oxygen Vacancies in High-Tc Superconductivity. <b>1987</b> , 26, L1561-L1564	75
2068	The Application of Superconducting Ceramics as Substrates for the Electrochemical Deposition of Conducting Polymers and Metals. <b>1987</b> , 26, L1842-L1844	10
2067	The Influence of Oxygen Deficiency on the Electrical Resistivity of High-Tc Superconducting Oxides (La <sub>1</sub> Ba) <sub>2</sub> CuO <sub>4-y</sub> . <b>1987</b> , 26, L218-L219	19
2066	Superconducting Properties of La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> Made by Hot-Press and Sinter Methods. <b>1987</b> , 26, L311-L313	9
2065	High-Tc Superconductor Ba <sub>0.5</sub> Y <sub>0.5</sub> CuO <sub>x</sub> . <b>1987</b> , 26, L332-L333	16
2064	Transport Properties of (La <sub>1-x</sub> A <sub>x</sub> ) <sub>2</sub> CuO <sub>4</sub> . <b>1987</b> , 26, L440-L442	81
2063	Substitution Effect of Sr for Ba of High-Tc Superconducting YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-y</sub> Ceramics. <b>1987</b> , 26, L706-L708	70
2062	Composition Dependence of Superconductivity in (Ba <sub>0.1</sub> La <sub>1.9</sub> )Ag <sub>x</sub> Cu <sub>1-x</sub> O <sub>4-y</sub> System. <b>1987</b> , 26, L834-L835	3
2061	Superconductivity of Sr-La-Cu Oxides Prepared by Coprecipitation Method. <b>1987</b> , 26, L836-L837	4
2060	Composition Dependence of the Physical Properties in the Superconducting Y-Ba-Cu-O System. <b>1987</b> , 26, L845-L847	7
2059	Observation of the a.c. Josephson Effect Inside Copper-Oxide-Based Superconductors. <b>1987</b> , 3, 1237-1242	97

2058	Sintering of a Mixed Phase Y-Ba-Cu-O in a Pulsed Electric Field. <b>1987</b> , 4, 1195-1198	0
2057	High-temperature superconductivity in the oxide system $(Y_{1-x}Ba_x)_2CuO_{4(0.2 \leq x \leq 0.5)}$ . <b>1987</b> , 20, L347-L350	4
2056	Oscillations in the current-voltage characteristics of inter-grain Y-Ba-Cu-O junctions. <b>1987</b> , 20, L1017-L1020	4
2055	Study of Ba-Y-Cu-O thin films with zero resistance at LN 2 region prepared by magnetron sputtering. <b>1987</b> , 4, 529-532	4
2054	Evidence of Antiferromagnetic Ordering in $La_2CuO_4$ : Reinterpretation of $^{139}La$ Nuclear Quadrupole Resonance (NQR) Data. <b>1987</b> , 26, L1307-L1309	11
2053	Raman Scattering in Single Crystal $Ba_2YCu_3O_y$ . <b>1987</b> , 26, L1404-L1406	51
2052	Superconductivity in Impurity-Induced Tetragonal $YBa_2(Cu_{1-x}Fe_x)_3O_{7-\delta}$ . <b>1987</b> , 26, L1982-L1984	96
2051	High- $T_c$ Superconductivity and Diamagnetism of Y-Ba-Cu Oxides. <b>1987</b> , 26, L320-L321	48
2050	Diamagnetic Shielding and Meissner Effect in the High- $T_c$ Superconductor $Sr_xLa_{2-x}CuO_{4-y}$ . <b>1987</b> , 26, L515-L516	
2049	High Pressure Study and the Critical Current of High- $T_c$ Superconductor $(La_{0.9}Sr_{0.1})_2CuO_{4-y}$ . <b>1987</b> , 26, L603-L605	42
2048	Josephson Point Contact Using High-Critical-Temperature Oxide-Superconductors. <b>1987</b> , 26, L674-L675	14
2047	Metallurgical Analysis of Mix-Phase Y-Ba-Cu Oxides. <b>1987</b> , 26, L699-L700	7
2046	High Field Properties of Superconducting $Y_xBa_{1-x}Cu$ -Oxides. <b>1987</b> , 26, L802-L803	15
2045	High- $T_c$ Superconductivities of $A_2Ba_4Cu_6O_{14+y}$ . <b>1987</b> , 26, L856-L857	43
2044	Pressure Effect on the Superconducting Transition Temperature for $(Y_xBa_{1-x})CuO_{2.3}$ Compound System. <b>1987</b> , 26, L867-L868	28
2043	High- $T_c$ Superconductivity of $(La_{1-x}Sr_x)_2CuO_4$ -Effect of Substitution of Foreign Ions for Cu and La on Superconductivity. <b>1987</b> , 26, L337-L338	44
2042	X-Ray Absorption Spectra of High- $T_c$ Superconducting $Sr_xLa_{2-x}CuO_{4-y}$ . <b>1987</b> , 26, L488-L490	31
2041	X-Ray and Electron Microscopic Study of a High Temperature Superconductor $Y_{0.4}Ba_{0.6}CuO_{2.22}$ . <b>1987</b> , 26, L498-L501	138

2040	Characterization of the High-TcSuperconductor (Ba <sub>0.7</sub> Y <sub>0.3</sub> )CuO <sub>3-<math>\delta</math></sub> <b>1987</b> , 26, L682-L684	34
2039	Electrical, Magnetic and Superconducting Properties of High-TcSuperconductor (Y, Sc)-(Ba, Sr)-Cu Oxide. <b>1987</b> , 26, L1356-L1358	11
2038	Antiferromagnetism and Superconductivity of La <sub>2</sub> CuO <sub>4</sub> . <b>1987</b> , 26, L1416-L1418	28
2037	DC-SQUID with High-Critical-Temperature Oxide-Superconductor Film. <b>1987</b> , 26, L1925-L1926	57
2036	Fermi Surface Instability of Quasi-Two-Dimensional Tight Binding Electrons : A Possible Phase Diagram of (La <sub>1-x</sub> M <sub>x</sub> ) <sub>2</sub> CuO <sub>4</sub> . <b>1987</b> , 26, L322-L324	64
2035	Superconductivity of Y-Ba-Cu-O Compound above Liquid Nitrogen Temperature. <b>1987</b> , 26, L327-L328	10
2034	Electron Diffraction and Microscopy of the Structure of La-Ba(Sr)-Cu Oxides at Room Temperature. <b>1987</b> , 26, L380-L382	22
2033	Infrared Spectroscopy of (La <sub>1-x</sub> M <sub>x</sub> ) <sub>2</sub> CuO <sub>4-y</sub> ; M=Sr, Ba, K and Ce. <b>1987</b> , 26, L415-L416	11
2032	Effect of Residual Water on Superconductivity in (La <sub>1-x</sub> Sr <sub>x</sub> ) <sub>2</sub> CuO <sub>4-<math>\delta</math></sub> <b>1987</b> , 26, L466-L467	16
2031	Spin singlet d wave hole pairing in the new high-Tcsuperconductors. <b>1987</b> , 20, L527-L531	17
2030	Effect of Vacuum Annealing on the Superconducting Transition Temperature of La-Sr-Cu-O System. <b>1987</b> , 26, L493-L494	5
2029	Deposition of Sr <sub>x</sub> La <sub>2-x</sub> CuO <sub>4-y</sub> Thin Films by Sputtering. <b>1987</b> , 26, L508-L509	24
2028	Vibrating Sample Magnetometry of High-TcSuperconductor Y-Ba-Cu Oxide. <b>1987</b> , 26, L636-L637	7
2027	Superconductivity in Alkaline Earth-Substituted La <sub>2</sub> CuO <sub>4-y</sub> . <b>1987</b> , 236, 73-5	76
2026	Magnetization of sinter-forged YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> <b>1987</b> , 51, 1376-1378	22
2025	Epitaxial ordering of oxide superconductor thin films on (100) SrTiO <sub>3</sub> prepared by pulsed laser evaporation. <b>1987</b> , 51, 861-863	199
2024	Energy gap in La <sub>1.85</sub> Sr. <b>1987</b> , 35, 7224-7227	65
2023	Normal-state reflectivity and superconducting energy-gap measurement of La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . <b>1987</b> , 36, 5275-5278	62



2022	Microwave observation of magnetic field penetration of high-T <sub>c</sub> superconducting oxides. <b>1987</b> , 36, 8309-8314	155
2021	Meissner effect in Y-Ba-Cu-O and La-Sr-Cu-O high-temperature superconductors. <b>1987</b> , 35, 8791-8793	3
2020	Superconducting energy gap of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>9-δ</sub> measured by far-infrared reflection. <b>1987</b> , 36, 8802-8803	11
2019	Resistivity of La <sub>1.825</sub> Sr <sub>0.175</sub> CuO <sub>4</sub> and YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> to 1100 K: Absence of saturation and its implications. <b>1987</b> , 59, 1337-1340	534
2018	Magnetic studies of strontium lanthanum copper oxides. <b>1987</b> , 35, 8421-8424	37
2017	Upper bound on the specific-heat jump: Application to the high-T <sub>c</sub> oxides. <b>1987</b> , 36, 3622-3626	28
2016	Observation of an oxygen isotope shift in the superconducting transition temperature of La <sub>1.85</sub> Sr. <b>1987</b> , 59, 915-918	165
2015	Transport properties of the superconducting oxide La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> . <b>1987</b> , 35, 8800-8803	64
2014	Tunneling systems in superconducting YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <b>1987</b> , 36, 5606-5608	57
2013	Magnetic properties of a high-T <sub>c</sub> superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> : Reentry-like features, paramagnetism, and glassy behavior. <b>1987</b> , 36, 840-842	41
2012	A millimeter wave Josephson mixer employing a high-T <sub>c</sub> GdBaCuO point contact. <b>1987</b> , 62, 4923-4926	14
2011	Superconductivity in the generalized periodic Anderson model with strong local attraction. <b>1987</b> , 36, 180-201	174
2010	Evidence for superconductivity in La <sub>2</sub> CuO. <b>1987</b> , 58, 2482-2485	244
2009	Superconductivity at 155 K. <b>1987</b> , 58, 2579-2581	257
2008	Magnetization of superconducting lanthanum copper oxides. <b>1987</b> , 35, 5319-5322	126
2007	Search for isotope effect in superconducting Y-Ba-Cu-O. <b>1987</b> , 58, 2337-2339	281
2006	Theoretical calculation of optical properties of Y-Ba-Cu-O superconductors. <b>1987</b> , 36, 7203-7206	60
2005	Optical measurements on oriented thin YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> films: Lack of evidence for excitonic superconductivity. <b>1987</b> , 59, 2219-2221	126

2004	Electron-tunneling studies of thin films of high-T <sub>c</sub> superconducting La-Sr-Cu-O. <b>1987</b> , 35, 7228-7231	64
2003	Lattice instability and high-T <sub>c</sub> superconductivity in La <sub>2-x</sub> Ba <sub>x</sub> CuO <sub>4</sub> . <b>1987</b> , 58, 1024-1027	596
2002	Phase Diagram of the La <sub>2</sub> O <sub>3</sub> -CuO System and Crystal Growth of (LaBa) <sub>2</sub> CuO <sub>4</sub> . <b>1987</b> , 26, L1590-L1592	46
2001	Critical current of Y <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> in strong applied fields. <b>1987</b> , 51, 460-462	20
2000	Photoemission studies of the high-T <sub>c</sub> superconductor Ba <sub>2</sub> YCu <sub>3</sub> O <sub>9-δ</sub> . <b>1987</b> , 35, 8811-8813	105
1999	Electrical properties of high-T <sub>c</sub> superconducting single-crystal Eu <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>y</sub> . <b>1987</b> , 36, 7199-7202	38
1998	Thermodynamic fluctuations in the superconductor Y <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>9-δ</sub> : Evidence for three-dimensional superconductivity. <b>1987</b> , 36, 833-835	278
1997	Thin superconducting oxide films. <b>1987</b> , 35, 8821-8823	264
1996	Nonzero isotope effect in La <sub>1.85</sub> Sr. <b>1987</b> , 59, 912-914	207
1995	Confirmation of antiferromagnetism in La <sub>2</sub> CuO. <b>1987</b> , 36, 822-825	138
1994	Far-infrared measurement of the energy gap of La <sub>1.8</sub> Sr <sub>0.2</sub> CuO <sub>4</sub> . <b>1987</b> , 35, 5334-5336	72
1993	Longitudinal and transverse magnetoresistances of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> in very high field up to 430 kG. <b>1987</b> , 36, 4014-4017	24
1992	Josephson effects in the Ba-Y-Cu-O compounds. <b>1987</b> , 58, 1979-1981	68
1991	Preparation of single crystals of superconducting YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> from CuO melts. <b>1987</b> , 51, 690-691	39
1990	Two-dimensional plasmons in nonstoichiometric La <sub>2</sub> NiO. <b>1987</b> , 35, 7126-7128	103
1989	Electronic transport in highly-doped La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> superconductors. <b>1987</b> , 36, 5676-5679	84
1988	Independent superconductivity and paramagnetism in HoBa <sub>2</sub> Cu <sub>3</sub> O <sub>z</sub> . <b>1987</b> , 36, 836-839	30
1987	Implications of infrared instability in a two-dimensional electron gas. <b>1987</b> , 36, 745-747	19

1986	Structural and superconducting properties of orientation-ordered Y1Ba2Cu3O7-x films prepared by molecular-beam epitaxy. <b>1987</b> , 36, 4039-4042	192
1985	Crystallographic phases and transport properties in the superconducting Tm-Ba-Cu-O compound system. <b>1987</b> , 36, 5588-5591	8
1984	Persistent current in Ba-Y-Cu-O in liquid nitrogen. <b>1987</b> , 36, 2414-2416	15
1983	Infrared anisotropy of La1.85Sr. <b>1987</b> , 36, 8884-8887	29
1982	Influence of Fe impurities on the Y-Ba-Cu-O superconducting system. <b>1987</b> , 36, 8819-8822	53
1981	Elasticity studies of La2-xSrxCuO4. <b>1987</b> , 35, 8785-8787	53
1980	Current persistence and magnetic shielding properties of Y1Ba2Cu3Ox tubes. <b>1987</b> , 36, 7244-7247	43
1979	Correlation between superconductivity and optical excitations. <b>1987</b> , 36, 8892-8894	48
1978	High-resolution synchrotron x-ray study of the structure of La1.8Ba0.2CuO4-y. <b>1987</b> , 35, 7195-7198	40
1977	Absence of specific-heat anomaly at the superconducting transition in La1.8Ba0.2CuO4-y. <b>1987</b> , 35, 7213-7215	37
1976	Electronic correlations in YBa2Cu. <b>1987</b> , 36, 8285-8287	34
1975	Specific-heat measurements on two high-transition-temperature superconducting oxides: La1.85Ba. <b>1987</b> , 35, 7207-7209	51
1974	Microwave study of the high-Tc superconductor La1.8Sr. <b>1987</b> , 36, 3906-3909	22
1973	Fracture toughness measurements of YBa2Cu3Ox single crystals. <b>1987</b> , 51, 454-456	126
1972	Antiphase domain boundaries in the superconducting phase of the Y-Ba-Cu-O system. <b>1987</b> , 35, 8767-8769	60
1971	Oxygen withdrawal, copper valency, and interface reaction for Fe/La1.85Sr0.15CuO4. <b>1987</b> , 36, 3979-3982	33
1970	Effect of nominal composition on the superconductivity in La2CuO4-y. <b>1987</b> , 36, 5716-5718	19
1969	Raman scattering from Ba2YCu. <b>1987</b> , 36, 2283-2286	60

1968	Superconducting properties of the $\text{Ba}_{1-x}\text{Y}_x\text{CuO}_{3-y}$ system. <b>1987</b> , 51, 136-138	7
1967	Superconducting $\text{HxYBa}$ . <b>1987</b> , 36, 8798-8801	64
1966	Processes yielding high superconducting temperatures. <b>1987</b> , 36, 8788-8790	4
1965	1e and 2e superconductivity in spin liquids and spin crystals. <b>1987</b> , 35, 8720-8722	12
1964	Thermal properties of the high- $T_c$ superconductors $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ and $\text{YBa}_2\text{Cu}_3\text{O}_7$ . <b>1987</b> , 36, 5684-5685	45
1963	Optic breathing mode, resonant charge fluctuations, and high- $T_c$ superconductivity in the layered perovskites. <b>1987</b> , 35, 8861-8864	70
1962	Energy gap and critical temperature in a resonating-valence-bond theory of high- $T_c$ superconductivity. <b>1987</b> , 36, 7207-7209	8
1961	Soft x-ray absorption studies on high- $T_c$ superconducting oxides. <b>1987</b> , 36, 3983-3985	24
1960	Superconductivity in bulk and thin films of $\text{La}_{1.85}\text{Sr}$ . <b>1987</b> , 36, 4036-4038	107
1959	Low-temperature neutron irradiation effects on superconducting Y-Ba-Cu oxides. <b>1987</b> , 36, 7194-7196	25
1958	Point-contact electron tunneling into the high- $T_c$ superconductor Y-Ba-Cu-O. <b>1987</b> , 35, 8850-8852	76
1957	Spectroscopic evidence for passivation of the $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ surface with gold. <b>1987</b> , 51, 1118-1120	28
1956	Superconductivity in the system $(\text{Al}_x\text{Y}_{1-x})\text{Ba}_2\text{Cu}_3\text{O}_{6.5+\delta}$ . <b>1987</b> , 36, 2308-2310	47
1955	Magnetic penetration depth and flux-pinning effects in high- $T_c$ superconductor $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}$ . <b>1987</b> , 35, 7129-7132	136
1954	Electronic structure and properties of quasi-two-dimensional layered superconducting perovskites: $\text{La}_{2-x}\text{M}_x\text{CuO}_4$ ( $\text{M}=\text{Ba}, \text{Sr}, \dots$ ). <b>1987</b> , 36, 7111-7114	48
1953	Local distortions and reduction in $T_c$ in the ceramic superconductor $\text{La}_{1.8}\text{Sr}_{0.2}\text{Cu}_{1-x}\text{Ag}_x\text{O}_4$ . <b>1987</b> , 36, 8918-8920	1
1952	Influence of oxygen defects on the physical properties of $\text{La}_2\text{CuO}$ . <b>1987</b> , 36, 4007-4010	224
1951	X-ray-absorption near-edge-structure study of $\text{La}_{2-x}(\text{Ba},\text{Sr})_x\text{CuO}_{4-y}$ superconductors. <b>1987</b> , 36, 5263-5274	156

1950	Investigation of the energy gap of Y-Ba-Cu-O by point-contact Josephson-junction techniques. <b>1987</b> , 36, 7121-7123	18
1949	Antiferromagnetism and oxygen deficiency in single-crystal La <sub>2</sub> CuO <sub>4-δ</sub> . <b>1987</b> , 36, 826-828	140
1948	Tunneling and infrared measurements of the energy gap in the high-critical-temperature superconductor Y-Ba-Cu-O. <b>1987</b> , 35, 8846-8849	144
1947	Spectroscopic evidence for strongly correlated electronic states in La-Sr-Cu and Y-Ba-Cu oxides. <b>1987</b> , 35, 8814-8817	549
1946	Determination of charge carriers in superconducting La-Ba-Cu-O by thermoelectric measurements. <b>1987</b> , 35, 7124-7125	39
1945	Phonon dispersion curves for La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> . <b>1987</b> , 35, 8837-8839	65
1944	Observation of carboxylic groups in the lattice of sintered Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7-y</sub> high-T <sub>c</sub> superconductors. <b>1987</b> , 36, 7148-7150	67
1943	Crystal structure of the high-temperature superconductor La <sub>1.85</sub> Sr. <b>1987</b> , 35, 6716-6720	233
1942	Quasiparticle excitations in the superconducting state observed in light scattering. <b>1987</b> , 36, 3997-3999	7
1941	Local tunneling measurements of the high-T <sub>c</sub> superconductor La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4-y</sub> . <b>1987</b> , 35, 7216-7219	89
1940	Thermodynamic and other properties of La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> . <b>1987</b> , 36, 3627-3632	18
1939	Temperature dependence of La spin-lattice relaxation time in the high-T <sub>c</sub> superconductor La <sub>1.85</sub> Sr. <b>1987</b> , 36, 5702-5704	7
1938	Critical current densities and transport in superconducting YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> films made by electron beam coevaporation. <b>1987</b> , 51, 852-854	246
1937	Possible Josephson oscillations spectra and electron paramagnetic resonance of Cu <sup>2+</sup> in Y-Ba-Cu-O. <b>1987</b> , 36, 7126-7128	158
1936	Quantum interference devices made from superconducting oxide thin films. <b>1987</b> , 51, 200-202	335
1935	Paramagnetic resonance of Cu <sup>2+</sup> ions in the superconductor Y <sub>0.2</sub> Ba <sub>0.8</sub> CuO <sub>x</sub> . <b>1987</b> , 36, 740-742	70
1934	High-temperature resistivity of the Ba <sub>2</sub> YCu <sub>3</sub> O <sub>x</sub> superconductor. <b>1987</b> , 51, 1115-1117	53
1933	Temperature-dependent change of Cu-O bond length in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <b>1987</b> , 36, 2290-2293	27

1932	Electron-phonon interaction in two dimensions: The case for strong coupling in high-T <sub>c</sub> superconductors. <b>1987</b> , 36, 3933-3936	6
1931	Effects of oxygen stoichiometry on the electronic structure of YBa <sub>2</sub> Cu. <b>1987</b> , 36, 3986-3989	73
1930	Linear temperature behavior of the resistivity in the new high-T <sub>c</sub> superconductors. <b>1987</b> , 36, 4051-4053	54
1929	Crystallography and microstructure of Y <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>9-x</sub> , a perovskite-based superconducting oxide. <b>1987</b> , 50, 1918-1920	157
1928	Electronic structure of the superconducting oxide spinel LiTi <sub>2</sub> O <sub>4</sub> . <b>1987</b> , 36, 7269-7272	78
1927	Superconductivity in H <sub>x</sub> YBa. <b>1987</b> , 36, 5694-5697	90
1926	Observation of a low-energy infrared anomaly in superconducting La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> . <b>1987</b> , 35, 7232-7234	48
1925	Properties of La <sub>1.8</sub> Sr <sub>0.2</sub> CuO <sub>4</sub> superconductors. <b>1987</b> , 50, 1104-1106	49
1924	Phase diagram and superconductivity in the Y-Ba-Cu-O system. <b>1987</b> , 50, 1688-1690	138
1923	Low-temperature process for the preparation of high T <sub>c</sub> superconducting thin films. <b>1987</b> , 51, 2263-2265	123
1922	Melt-processible rare earth-Ba-Cu-O superconductors based on molten Ba-Cu oxides. <b>1987</b> , 51, 1854-1856	35
1921	Superconducting thin films based on La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . <b>1987</b> , 51, 369-370	2
1920	Preparation of superconducting YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> thin films by oxygen annealing of multilayer metal films. <b>1987</b> , 51, 858-860	85
1919	Annealing treatment effects on structure and superconductivity in Y <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>9-x</sub> . <b>1987</b> , 51, 614-616	74
1918	Gamma radiation resistance of the high T <sub>c</sub> superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> . <b>1987</b> , 51, 2161-2163	54
1917	Titanium-oxygen reaction at the Ti/La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> interface. <b>1987</b> , 51, 1750-1752	18
1916	Microstructure and properties of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>9-x</sub> superconductors with transitions at 90 and near 290 K. <b>1987</b> , 51, 940-942	47
1915	Observations of the a.c. Josephson Effect in High- T <sub>c</sub> YBaCuO Point Contacts. <b>1987</b> , 4, 357-363	14

1914	Experiments concerning the connective nature of superconductivity in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <b>1987</b> , 62, 3308-3313	88
1913	Sputter deposition of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> thin films. <b>1987</b> , 51, 2149-2151	48
1912	Reaction and disruption for Fe/La <sub>1.85</sub> Sr. <b>1987</b> , 36, 3975-3978	26
1911	Formation of thin-film high T <sub>c</sub> superconductors by metalorganic deposition. <b>1987</b> , 51, 2152-2154	79
1910	Far-infrared reflectivity of La <sub>2-x</sub> Sr <sub>x</sub> . <b>1987</b> , 36, 736-739	23
1909	Electron microscopy and microanalysis of a YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> superconducting oxide. <b>1987</b> , 51, 535-537	24
1908	Observed trends in the x-ray photoelectron and Auger spectra of high-temperature superconductors. <b>1987</b> , 36, 5672-5675	33
1907	Magnetic field penetration depth of La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> measured by muon spin relaxation. <b>1987</b> , 35, 7133-7136	84
1906	Magnetism and critical fields in the high-T <sub>c</sub> superconductors YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> S <sub>x</sub> (x=0,1): An ESR study. <b>1987</b> , 36, 4028-4031	123
1905	Complete absence of isotope effect in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> : Consequences for phonon-mediated superconductivity. <b>1987</b> , 36, 3990-3993	87
1904	Large "forbidden" change in elastic modulus at the superconducting transition of Y <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>9-x</sub> . <b>1987</b> , 36, 2411-2413	22
1903	Electron paramagnetic resonance absorption in high-T <sub>c</sub> superconducting GdBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> . <b>1987</b> , 36, 8858-8859	16
1902	Extended x-ray-absorption fine-structure study of La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4-y</sub> superconductors. <b>1987</b> , 36, 8401-8407	16
1901	Phonon density of states in La. <b>1987</b> , 35, 8833-8836	71
1900	Anomalies in the internal friction and sound velocity in the high-temperature superconductor La <sub>1.8</sub> Sr <sub>0.2</sub> CuO <sub>4</sub> . <b>1987</b> , 36, 2316-2318	39
1899	Macroscopic quantum phenomena in high-T <sub>c</sub> superconducting material. <b>1987</b> , 35, 8858-8860	30
1898	Synthesis of superconducting films of the Y-Ba-Cu-O system by a screen printing method. <b>1987</b> , 51, 1277-1279	60
1897	Effect of structural changes on the zero-resistance transition temperature of La <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>9-<math>\delta</math></sub> . <b>1987</b> , 36, 2417-2420	19

1896	Temperature-dependent x-ray studies of the high-T <sub>c</sub> superconductor La <sub>1.9</sub> Ba <sub>0.1</sub> CuO <sub>4</sub> . <b>1987</b> , 35, 7140-7141	12
1895	Heat capacity of superconducting La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> . <b>1987</b> , 35, 7210-7212	63
1894	Correlation of T <sub>c</sub> with hole concentration in La <sub>2-x</sub> Sr <sub>x</sub> . <b>1987</b> , 36, 4047-4050	333
1893	Magnetic properties of Y-Ba-Cu-O superconductors. <b>1987</b> , 36, 4032-4035	75
1892	Tunneling measurement of the energy gap in Y-Ba-Cu-O. <b>1987</b> , 35, 8853-8855	57
1891	Critical temperatures of superconductors with low dimensionality. <b>1987</b> , 35, 8716-8719	138
1890	Magnetic properties of a superconducting Ba-La-Cu oxide. <b>1987</b> , 35, 5323-5326	43
1889	Role of interlayer coupling in oxide superconductors. <b>1987</b> , 36, 2364-2367	73
1888	Superconducting phase transitions in the La-M-Cu-O layered perovskite system, M=La, Ba, Sr, and Pb. <b>1987</b> , 35, 5350-5352	27
1887	Valence-bond approach to two-dimensional broken symmetries: Application to La <sub>2</sub> CuO <sub>4</sub> . <b>1987</b> , 36, 7190-7193	25
1886	Ultrasound studies of the high-T <sub>c</sub> superconductor La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> . <b>1987</b> , 35, 8788-8790	82
1885	Low-temperature structural phase transition in La <sub>2</sub> CuO. <b>1987</b> , 36, 5713-5715	19
1884	Direct evidence of the importance of electron-phonon coupling in La <sub>2</sub> CuO. <b>1987</b> , 36, 7252-7255	111
1883	Normal-state gap transition in Cu-O superconductors. <b>1987</b> , 36, 729-732	115
1882	Thermal conductivity of superconductive Y-Ba-Cu-O. <b>1987</b> , 36, 3917-3919	99
1881	Superconductivity in (La <sub>0.9</sub> Sr. <b>1987</b> , 35, 8824-8825	30
1880	Structural instability in single crystals of the high-T <sub>c</sub> superconductor La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . <b>1987</b> , 35, 6721-6724	26
1879	Indication of high local fields in the YBa <sub>2</sub> Cu <sub>2.9375</sub> Be <sub>0.0625</sub> O delta superconductor by Mössbauer spectroscopy. <b>1987</b> , 36, 7226-7229	33



1878	Superconductivity in La-Ba-Cu-O metallic oxide compounds above 50 K. <b>1987</b> , 36, 2313-2315	17
1877	Stress and field dependence of critical current in Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7-δ</sub> superconductors. <b>1987</b> , 51, 855-857	39
1876	Hole formation in orthorhombic and tetragonal YBa <sub>2</sub> Cu. <b>1987</b> , 36, 8860-8862	7
1875	Raman study of lattice modes in the high-critical-temperature superconductor Y-Ba-Cu-O. <b>1987</b> , 36, 726-728	112
1874	Electronic structure of Eu in the high-T <sub>c</sub> superconductor Ba <sub>2</sub> EuCu. <b>1987</b> , 35, 8714-8715	37
1873	Tunneling measurements on the high-T <sub>c</sub> superconductors La <sub>1.85</sub> Sr. <b>1987</b> , 36, 843-845	62
1872	Variation of superconductivity with carrier concentration in oxygen-doped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-y</sub> . <b>1987</b> , 36, 7222-7225	242
1871	Structural chemistry and high-temperature superconductivity. <b>1987</b> , 36, 861-863	41
1870	Raman study of La <sub>2</sub> CuO <sub>4</sub> : Possibility of local symmetry breaking. <b>1987</b> , 36, 7218-7221	34
1869	Transport and structural properties of the HoBa <sub>2</sub> Cu <sub>3</sub> O <sub>9-δ</sub> superconductor. <b>1987</b> , 51, 282-284	5
1868	X-ray absorption studies of La <sub>2-x</sub> (Ba,Sr) <sub>x</sub> CuO <sub>4</sub> superconductors. <b>1987</b> , 35, 7187-7190	167
1867	Determination of valence of Cu in superconducting La <sub>2-x</sub> (Sr,Ba) <sub>x</sub> CuO. <b>1987</b> , 35, 7199-7202	132
1866	Measurement of the energy gap of YBa <sub>2</sub> Cu. <b>1987</b> , 36, 5586-5587	17
1865	Specific heat of La <sub>1.8</sub> Sr <sub>0.2</sub> CuO <sub>4</sub> : Anomaly at the superconducting transition. <b>1987</b> , 36, 8780-8782	27
1864	Effects of oxygen deficiency on the infrared spectra in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> . <b>1987</b> , 36, 7133-7136	44
1863	Diffusion of oxygen in superconducting YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> oxide upon annealing in helium and oxygen ambients. <b>1987</b> , 51, 2158-2160	67
1862	Crystal structure and superconductivity of LaBaCu <sub>2</sub> O. <b>1987</b> , 36, 2311-2312	6
1861	X-ray absorption measurements on high-T <sub>c</sub> superconductors: Cu-valence and cation-bond-length effects. <b>1987</b> , 36, 3891-3894	31

1860	Inverse photoemission studies of the empty electronic states and surface stability of La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> . <b>1987</b> , 36, 3971-3974	56
1859	Evidence of conventional superconductivity in La-Ba-Cu-O compounds. <b>1987</b> , 35, 7252-7255	130
1858	Low-field microwave absorption in the superconducting copper oxides. <b>1987</b> , 36, 7241-7243	306
1857	High-temperature superconductivity in the presence of O 2p-Cu 3d holes: A spectroscopic study. <b>1987</b> , 36, 3895-3898	112
1856	Anomalous structural behavior of the superconducting compound La <sub>1.85</sub> Ba <sub>0.15</sub> CuO <sub>4</sub> . <b>1987</b> , 58, 1976-1978	143
1855	New superconducting cuprate perovskites. <b>1987</b> , 58, 1888-1890	353
1854	Superconductivity near 90 K in the Lu-Ba-Cu-O system. <b>1987</b> , 58, 1885-1887	59
1853	Soft-phonon behavior and transport in single-crystal La <sub>2</sub> CuO. <b>1987</b> , 59, 1329-1332	232
1852	Antiferromagnetism of La <sub>2</sub> CuO. <b>1987</b> , 59, 1045-1048	247
1851	Superconducting energy gap and normal-state reflectivity of single crystal Y-Ba-Cu-O. <b>1987</b> , 59, 1958-1961	247
1850	Far-infrared measurement of $\alpha^2(\omega)F(\omega)$ in superconducting La <sub>1.84</sub> Sr. <b>1987</b> , 35, 8829-8832	22
1849	Superconductivity in La-deficient and stoichiometric La <sub>2</sub> CuO. <b>1987</b> , 36, 7214-7217	32
1848	Phonon Raman scattering in superconducting La <sub>1.85</sub> Sr. <b>1987</b> , 35, 8840-8842	40
1847	X-ray-absorption studies of the high-T <sub>c</sub> superconductors La <sub>1.8</sub> Sr <sub>0.2</sub> CuO <sub>4</sub> and La <sub>1.8</sub> Ba <sub>0.2</sub> CuO <sub>4</sub> . <b>1987</b> , 35, 7203-7206	65
1846	High-T <sub>c</sub> superconductivity in the La <sub>1.8</sub> Sr <sub>0.2</sub> CuO <sub>4</sub> and Y <sub>1.2</sub> Ba <sub>0.8</sub> CuO <sub>4</sub> systems. <b>1987</b> , 36, 743-744	10
1845	Measurement of the specific heat anomaly at the superconducting transition of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> . <b>1987</b> , 36, 2401-2403	134
1844	Observation of the thermal diffuse scattering in La <sub>2-x</sub> M <sub>x</sub> CuO <sub>4</sub> (M=Sr,Ba). <b>1987</b> , 36, 7256-7258	15
1843	Hall effect of La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> : Implications for the electronic structure in the normal state. <b>1987</b> , 35, 8807-8810	270

1842	Nuclear quadrupole resonance and nuclear magnetic resonance of copper in the high-Tc superconductor YBa <sub>2</sub> Cu. <b>1987</b> , 36, 5690-5693	43
1841	Electron-phonon interaction in systems with strong electron correlations. <b>1987</b> , 390-400	
1840	Superconducting and structural properties of sputtered thin films of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> . <b>1987</b> , 51, 2164-2166	26
1839	Energy gap in the high-Tc superconductor La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> . <b>1987</b> , 35, 5327-5329	65
1838	Microwave absorption in the superconducting and normal phases of Y-Ba-Cu-O. <b>1987</b> , 36, 2361-2363	162
1837	Temperature dependence of the far-infrared reflectivity spectrum of the high-Tc superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-y</sub> . <b>1987</b> , 36, 2368-2370	34
1836	Measurement of the superconducting energy gap in La-Ba-Cu oxide and La-Sr-Cu oxide. <b>1987</b> , 35, 5330-5333	71
1835	Upper critical fields of high-Tc superconducting La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4-y</sub> : Possibility of 140 tesla. <b>1987</b> , 35, 5347-5349	58
1834	Phonon density of states of the YBa <sub>2</sub> Cu. <b>1987</b> , 36, 7137-7140	12
1833	Thermally stimulated luminescence from rare-earth-doped barium copper oxides. <b>1987</b> , 36, 2287-2289	21
1832	Superconductivity in single-phase Y1Ba. <b>1987</b> , 36, 2305-2307	40
1831	Thermodynamics in very strong coupling: A possible model for the high-Tc oxides. <b>1987</b> , 36, 5245-5250	54
1830	Antiferromagnetic order and high-temperature superconductivity. <b>1987</b> , 36, 8302-8308	56
1829	Electronic properties of La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> high-Tc superconductors. <b>1987</b> , 35, 5340-5342	114
1828	Composition-dependent superconductivity in La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> -delta. <b>1987</b> , 35, 5337-5339	145
1827	Temperature and composition dependence of the tetragonal-orthorhombic distortion in La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> -delta. <b>1987</b> , 35, 7191-7194	215
1826	Measurement of anisotropic resistivity and Hall constant for single-crystal YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> . <b>1987</b> , 59, 1768-1771	500
1825	Growth of high Tc superconducting thin films using molecular beam epitaxy techniques. <b>1987</b> , 51, 1191-1193	121

1824	Comparative study of superconducting energy gaps in oriented films and polycrystalline bulk samples of Y-Ba-Cu-O. <b>1987</b> , 59, 704-707	83
1823	Evidence for a Peierls distortion in La <sub>2</sub> CuO <sub>4</sub> . <b>1987</b> , 58, 1571-1573	74
1822	Electronic structure and excitonic-enhanced superconducting mechanism in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <b>1987</b> , 59, 1333-1336	112
1821	Orthorhombic distortion at the superconducting transition in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> : Evidence for anisotropic pairing. <b>1987</b> , 59, 2772-2775	151
1820	Improved high-T <sub>c</sub> superconductors. <b>1987</b> , 59, 1468-1471	125
1819	Electron-phonon interaction in the new superconductors La <sub>2-x</sub> (Ba,Sr) <sub>x</sub> CuO <sub>4</sub> . <b>1987</b> , 58, 1371-1374	526
1818	Isotope effect in the high-T <sub>c</sub> superconductors Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7</sub> and Ba <sub>2</sub> EuCu <sub>3</sub> O <sub>7</sub> . <b>1987</b> , 58, 2333-2336	496
1817	Bulk superconductivity at 36 K in La <sub>1.8</sub> Sr <sub>0.2</sub> CuO <sub>4</sub> . <b>1987</b> , 58, 408-410	950
1816	Superconductivity and magnetism in the high-T <sub>c</sub> superconductor YBaCuO. <b>1987</b> , 58, 1574-1576	105
1815	Far-infrared conductivity of the high-T <sub>c</sub> superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <b>1987</b> , 58, 2249-2250	167
1814	Upper critical fields and high superconducting transition temperatures of La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> and La <sub>1.85</sub> Ba <sub>0.15</sub> CuO <sub>4</sub> . <b>1987</b> , 50, 543-544	53
1813	High TC superconductors composite wire fabrication. <b>1987</b> , 51, 203-204	174
1812	Plasma oxidation of the high T <sub>c</sub> superconducting perovskites. <b>1987</b> , 51, 622-624	72
1811	Effects of radiation damage in ion-implanted thin films of metal-oxide superconductors. <b>1987</b> , 51, 139-141	203
1810	Superconductivity above 90 K in the square-planar compound system ABa <sub>2</sub> Cu <sub>3</sub> O <sub>6+x</sub> with A=Y, La, Nd, Sm, Eu, Gd, Ho, Er and Lu. <b>1987</b> , 58, 1891-1894	843
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1704	A specific heat and magnetization study of high T <sub>c</sub> ceramic superconductors. <i>European Physical Journal B</i> , <b>1987</b> , 69, 151-157	1.2	15
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1693	Evidence for superconductivity above 40 K in the La-Ba-Cu-O compound system. <b>1987</b> , 58, 405-407		1316
1692	Anomalous thermal conductivity of La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> : Possibility of a polaronic glass. <b>1987</b> , 36, 8813-8815		35
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1521	Magnetic properties of Ba <sub>2</sub> SmCu <sub>3</sub> O <sub>9</sub> high T <sub>c</sub> superconductor. <b>1987</b> , 64, 707-710	13
1520	A neutron diffraction study of a single crystal of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> <b>1987</b> , 64, 739-742	36
1519	DC magnetron sputtering of high T <sub>c</sub> superconducting thin films. <b>1987</b> , 64, 749-751	6

1518	A high-resolution neutron powder diffraction study on high-Tc superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <b>1987</b> , 64, 757-760	18
1517	XPS studies of several high temperature superconductors: Y-Ba-Cu-O and La-Ba-Cu-O systems. <b>1987</b> , 64, 761-763	15
1516	Experimental Cu 3d electronic structure in high-Tc La <sub>1.85</sub> Ba <sub>0.12</sub> CuO <sub>4-x</sub> and YBa <sub>2</sub> Cu <sub>3</sub> O <sub>8-x</sub> superconductors. <b>1987</b> , 64, 1203-1207	18
1515	Defect chemistry of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> : Strong evidence for the presence of Cu <sup>+</sup> . <b>1987</b> , 64, 1213-1216	27
1514	Superconducting phase in La <sub>3-x</sub> Ba <sub>3+x</sub> Cu <sub>6</sub> O <sub>y</sub> system. <b>1987</b> , 64, 1225-1228	14
1513	Symmetry breaking in La <sub>2-x</sub> Ba <sub>x</sub> CuO <sub>4</sub> . <b>1987</b> , 64, 421-424	16
1512	Enhancement of two-dimensional superconducting T <sub>c</sub> by one-dimensional charge density wave instability theory of the high T <sub>c</sub> superconductor Y-Ba-Cu-O. <b>1987</b> , 64, 483-487	8
1511	Hall effect of the high T <sub>c</sub> superconducting Y-Ba-Cu-O compound. <b>1987</b> , 64, 489-491	27
1510	Raman measurements and lattice dynamics in the high T <sub>c</sub> superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <b>1987</b> , 64, 505-508	8
1509	Low magnetic field superconducting phase diagram of the high-Tc YBa <sub>2</sub> Cu <sub>3</sub> O <sub>9-<math>\delta</math></sub> . <b>1987</b> , 64, 509-511	8
1508	A possible reason of high T <sub>c</sub> in oxide superconductor. <b>1987</b> , 64, 531-533	7
1507	Thermoelectric power in three La-Ba-Cu oxides. <b>1987</b> , 64, 537-539	6
1506	Two-band model for high T <sub>c</sub> superconductivity in La <sub>2-x</sub> (Ba,Sr) <sub>x</sub> CuO <sub>4</sub> . <b>1987</b> , 62, 811-815	75
1505	High T <sub>c</sub> superconductivity in the Ba <sub>x</sub> Y <sub>1-x</sub> Cu <sub>2</sub> O <sub>3-y</sub> compound system. <b>1987</b> , 63, 197-200	4
1504	High temperature superconductivity in (M <sub>1-x</sub> M <sub>2</sub> <sub>x</sub> ) <sub>2</sub> CuO <sub>4-<math>\delta</math></sub> and related compounds (M = Y, La, Eu, Sm; M <sub>2</sub> = Ba, Sr). <b>1987</b> , 63, 635-639	25
1503	Crystal structure and superconductivity of Ba <sub>2</sub> Gd <sub>2</sub> Cu <sub>2</sub> O system. <b>1987</b> , 63, 649-651	11
1502	Ultrasonic studies of the high T <sub>c</sub> superconductor (La <sub>1-x</sub> Sr <sub>x</sub> ) <sub>2</sub> CuO <sub>4-<math>\delta</math></sub> . <b>1987</b> , 63, 653-656	42
1501	Jahn-Teller-effect mediated superconductivity in oxides. <b>1987</b> , 63, 665-669	38

1500	Magnetic properties of La <sub>2</sub> CuO <sub>4</sub> single crystals. <b>1987</b> , 63, 811-813	26
1499	Far-infrared spectroscopy of the high T <sub>c</sub> superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> . <b>1987</b> , 63, 843-846	62
1498	Observations of the ac Josephson effect in Y-Ba-Cu-O superconductors at 77 K. <b>1987</b> , 63, 853-855	6
1497	Raman and infrared study of lattice vibrations in the high-T <sub>c</sub> ceramics superconductor La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . <b>1987</b> , 64, 297-300	21
1496	NQR investigations of the high-T <sub>c</sub> superconductor Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7</sub> . <b>1987</b> , 64, 309-312	69
1495	Band structure of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> in relation with the oxygen vacancy distribution. <b>1987</b> , 64, 313-316	19
1494	Josephson effects observed in constricted YBa <sub>2</sub> Cu <sub>3</sub> O films at liquid nitrogen temperature. <b>1987</b> , 64, 321-324	8
1493	High temperature x-ray powder diffractometric studies of the superconducting compound YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> from room temperature to 1300 K in air. <b>1987</b> , 64, 329-333	16
1492	Diamagnetic shielding and Meissner effect in the high T <sub>c</sub> superconductor Sr <sub>0.2</sub> La <sub>1.8</sub> CuO <sub>4</sub> . <b>1987</b> , 62, 323-326	52
1491	Electron microscopy and neutron diffraction studies of Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7-<math>\delta</math></sub> compounds. <b>1987</b> , 64, 1037-1041	28
1490	Evidence for dynamic effects in the ESR spectra of the high T <sub>c</sub> superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <b>1987</b> , 64, 1043-1045	19
1489	Magnetic properties of the high-T <sub>c</sub> superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>9<math>\delta</math></sub> . <b>1987</b> , 63, 1129-1133	7
1488	Effect of low dimensionality on the parameters of high T <sub>c</sub> superconductors. <b>1987</b> , 63, 1141-1143	49
1487	Soft plasmon theory of the new high-temperature superconductors. <b>1987</b> , 63, 1145-1148	44
1486	Critical fields of (La <sub>0.925</sub> Ba <sub>0.075</sub> ) <sub>2</sub> CuO <sub>4<math>\delta</math></sub> . <b>1987</b> , 62, 531-533	5
1485	Structural phase transition in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> —the role of dimensionality for high temperature superconductivity. <b>1987</b> , 63, 385-388	208
1484	The effect of Sc on the superconductivity of the Ba <sub>1-x</sub> Y <sub>x</sub> Cu oxides. <b>1987</b> , 63, 409-410	10
1483	Inter-layer coupling and its contribution to superconductivity: Application to high-T <sub>c</sub> oxides. <b>1987</b> , 63, 411-414	5

1482	Eliashberg theory and the high Tc oxides. <b>1987</b> , 63, 419-423	18
1481	Superconductivity in the $\text{LnBa}_2\text{Cu}_3\text{O}_7$ system (Ln = Y, Ho, Er). <b>1987</b> , 64, 217-226	5
1480	The magnetic susceptibility of the high temperature superconductor $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ under hydrostatic pressure. <b>1987</b> , 64, 227-230	16
1479	Electron paramagnetic resonance, electrical resistivity, and magnetization studies in the high Tc superconductors $\text{EuBa}_2\text{Cu}_3\text{O}_{9-x}$ and $\text{EuBa}_2(\text{Cu}_{1-x}\text{My})_3\text{O}_{9-x}$ (M = Cr, Mn, Fe, Co, Ni, ORZn). <b>1987</b> , 64, 241-245	55
1478	Thermal and magnetic properties of some $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ samples. <b>1987</b> , 64, 247-251	34
1477	Magnetic and transport properties of some Ln-Ba-Cu-O (Ln=Yb, Tm, Sm) superconducting oxides. <b>1987</b> , 63, 129-131	12
1476	The granular nature of bulk superconductivity at 40K in $\text{La}_{1.8}\text{Sr}_{0.2}\text{CuO}_4$ . <b>1987</b> , 63, 137-140	22
1475	Identification and preparation of single phase 90 K oxide superconductor and structural determination by lattice imaging. <b>1987</b> , 63, 147-150	24
1474	Plasma-sprayed high Tc superconductor coatings. <b>1987</b> , 152, L143-L145	5
1473	Superconductivity at 95 K in the single-phase $\text{YBa}_2\text{Cu}_3\text{O}_{9-x}$ system. <b>1987</b> , 145, 1-4	19
1472	Superconductivity of $\text{La}_2\text{Cu}_x\text{O}_{4-y}$ . <b>1987</b> , 146, 307-311	63
1471	High-Tc superconductivity: A nonadiabatic theory of interacting solitons. <b>1987</b> , 146, 312-318	4
1470	Oxygen deficiency in $\text{Ba}_2\text{YCu}_3\text{O}_{7-x}$ —The need for a microscopic description. <b>1987</b> , 148, 173-176	9
1469	Experimental investigation of the electronic states in high Tc copper oxides. <b>1987</b> , 148, 185-190	8
1468	Treatment of Y-Ba-Cu-O superconductors by pulsed electric fields and currents. <b>1987</b> , 148, 196-199	
1467	Electronic structure, charge transfer excitations and high temperature superconductivity. <b>1987</b> , 148, 212-217	16
1466	Superconductive properties of single crystal $\text{YBa}_2\text{Cu}_3\text{O}_x$ . <b>1987</b> , 148, 224-227	21
1465	Anisotropy in the magnetic properties of single-crystal $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . <b>1987</b> , 148, 228-232	34

1464	Antiferromagnetic correlations and superconductivity in the $\text{La}_2\text{CuO}_4$ class of oxides. <b>1987</b> , 148, 233-236	4
1463	Strong-coupling effects and isotope exponents in high- $T_c$ superconductors. <b>1987</b> , 148, 243-245	12
1462	How strongly are electrons correlated in the high- $T_c$ superconducting materials?. <b>1987</b> , 148, 260-263	39
1461	Variational Monte Carlo studies of highly correlated electron systems. <b>1987</b> , 148, 264-267	2
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1459	Optical studies of high- $T_c$ oxide superconductors. <b>1987</b> , 148, 282-284	3
1458	Effects of crystal anisotropy on magnetization and magnetic order in superconducting $\text{R}\text{Ba}_2\text{Cu}_3\text{O}_{7-x}$ . <b>1987</b> , 148, 285-288	3
1457	Pressure effects on new high- $T_c$ superconductors. <b>1987</b> , 148, 289-291	4
1456	Cu NMR in the superconducting state of $\text{ReBa}_2\text{Cu}_3\text{O}_x$ . <b>1987</b> , 148, 292-295	3
1455	NQR and NMR of high- $T_c$ superconducting oxides $(\text{La}_{1-x}\text{Bax})_2\text{CuO}_4$ and $\text{YBa}_2\text{Cu}_3\text{O}_{7-y}$ . <b>1987</b> , 148, 298-301	9
1454	Specific heat, susceptibility and resistivity measurements of high- $T_c$ superconductors $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . <b>1987</b> , 148, 305-308	19
1453	Quasiparticle tunneling and Josephson tunneling of high- $T_c$ oxide superconductors. <b>1987</b> , 148, 322-324	6
1452	High- $T_c$ superconducting properties in $(\text{Y}_{1-x}\text{Tlx})\text{Ba}_2\text{Cu}_3\text{O}_{7-y}$ , $\text{Y}(\text{Ba}_{1-x}\text{Kx})_2\text{Cu}_3\text{O}_{7-y}$ and $\text{YBa}_2(\text{Cu}_{1-x}\text{Mgx})_3\text{O}_{7-y}$ . <b>1987</b> , 148, 336-338	21
1451	Soft-plasmon mechanism for high- $T_c$ superconductivity. <b>1987</b> , 148, 366-370	9
1450	Effect of next-nearest-neighbor transfer energy on the quasi-two-dimensional superconductivity. <b>1987</b> , 148, 371-373	1
1449	Inter-layer pairing mechanism of high- $T_c$ superconductors. <b>1987</b> , 148, 396-398	
1448	Transport properties of high- $T_c$ superconducting oxides. <b>1987</b> , 148, 419-422	21
1447	High- $T_c$ superconductivity in $(\text{RE})\text{Ba}_2\text{Cu}_3\text{O}_x$ -structure, transport and magnetism. <b>1987</b> , 148, 453-455	10



1446	Magnetic ordering in the high-Tc superconductor (RE)Ba <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> . <b>1987</b> , 148, 456-458	6
1445	ESR and magnetic susceptibility of high Tc oxide superconductors. <b>1987</b> , 148, 459-461	4
1444	Superconductivity and normal-state properties in (Y, Sc, Ba)-Cu oxides. <b>1987</b> , 148, 462-464	1
1443	Temperature dependence of electrical resistivity in (La <sub>1-x</sub> Y <sub>x</sub> ) <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> superconductors. <b>1987</b> , 148, 465-468	1
1442	Pressure effect on T <sub>c</sub> of Y <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> and T <sub>N</sub> of La <sub>2</sub> CuO <sub>4-<math>\delta</math></sub> . <b>1987</b> , 148, 494-496	3
1441	Phonon contribution to high-Tc states in oxide superconductors and Nb <sub>3</sub> Ge. <b>1987</b> , 148, 521-523	1
1440	Fracture of ceramics and glasses. <b>1987</b> , 48, 1115-1157	74
1439	Determination of Cu <sup>3+</sup> +Cu <sup>2+</sup> ratio in the superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>8-x</sub> . <b>1987</b> , 69, 182-185	198
1438	Crystal growth of high temperature superconductors [Problems, successes, opportunities. <b>1987</b> , 85, 569-575	87
1437	Single crystal growth of (La <sub>1-x</sub> A <sub>x</sub> ) <sub>2</sub> CuO <sub>4</sub> (A=Ba or Sr) and Ba <sub>2</sub> YC <sub>u</sub> 3O <sub>7-y</sub> . <b>1987</b> , 85, 581-584	104
1436	Growth and microstructure of superconducting YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> single crystals. <b>1987</b> , 85, 593-598	216
1435	Formation of the structure of the superconducting phase of La-Sr-Cu-O by DC sputtering. <b>1987</b> , 85, 619-622	3
1434	Observation of sharp-line lanthanide fluorescence in high temperature superconductors. <b>1987</b> , 37, 117-121	12
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1432	A possible mechanism of exciton exchange percolated superconductivity for the oxide Balacuo. <b>1987</b> , 123, 254-256	2
1431	Dominant role of the 2D Van Hove singularity on the Fermi surface and generalized susceptibility of the quasi-2D superconductor La <sub>2-x</sub> M <sub>x</sub> CuO <sub>4</sub> (M = Sr, Ba, $\mu$ ). <b>1987</b> , 120, 489-493	101
1430	Onset of superconductivity in Y-Ba-Cu-O at 100 K. <b>1987</b> , 120, 494-496	33
1429	Specific heat and magnetic susceptibility of single phase YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <b>1987</b> , 125, 425-428	24

1428	Possibility of Kosterlitz-Thouless effect at the resistive transition of high T <sub>c</sub> oxide superconductors. <b>1987</b> , 125, 429-431	29
1427	Perturbation-induced radiative decay of solitons. <b>1987</b> , 123, 459-468	10
1426	Low resistance state up to 210 K in a mixed compound Y-Ba-Cu-O. <b>1987</b> , 123, 481-484	7
1425	Observation of magnetic ordering in La <sub>2</sub> CuO <sub>4</sub> by muon spin rotation spectroscopy. <b>1987</b> , 124, 103-106	58
1424	Internal magnetic fields in the high-T <sub>c</sub> superconductors La <sub>1.85</sub> Sr <sub>0.2</sub> CuO <sub>4</sub> and YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> from muon spin rotation experiments. <b>1987</b> , 124, 107-111	10
1423	Cu and Y NQR and NMR in the superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> <b>1987</b> , 124, 112-116	188
1422	Enhancement of superconducting critical temperature due to metal-semiconductor transition. <b>1987</b> , 121, 300-304	31
1421	Phonon and electron anomalies in the perovskite superconductor (La <sub>1.85</sub> Sr <sub>0.15</sub> )Cu <sub>0.95</sub> Sn <sub>0.05</sub> O <sub>4</sub> . <b>1987</b> , 121, 307-310	35
1420	Superconducting and magnetic properties of the oxide superconductors La <sub>1.85</sub> Sr <sub>0.15</sub> Cu <sub>1-<math>x</math></sub> F <sub><math>x</math></sub> O <sub>4</sub> . <b>1987</b> , 124, 453-456	21
1419	Calculated local density X-ray and photoemission spectra for superconducting La <sub>2</sub> - $x$ M <sub><math>x</math></sub> CuO <sub>4</sub> : Localization of Cu-3d. <b>1987</b> , 124, 463-468	60
1418	Effect of pressure on the superconducting transition temperature of the (Y <sub>1.2</sub> Ba <sub>0.8</sub> ) <sub>4</sub> Cu <sub>4</sub> O <sub>16</sub> ceramic compound. <b>1987</b> , 126, 130-132	5
1417	Shock-induced chemical synthesis of a lanthanum-strontium-copper oxide in the K <sub>2</sub> NiF <sub>4</sub> structure type. <b>1987</b> , 123, 87-90	8
1416	Thermal conductivity and electrical resistivity of the high-T <sub>c</sub> superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>9-<math>\delta</math></sub> <b>1987</b> , 122, 431-433	57
1415	Instabilities in the superconducting system Ba <sub>x</sub> YCu <sub>3</sub> O <sub>9-<math>\delta</math></sub> driven by a pulsed electric current. <b>1987</b> , 122, 443-445	1
1414	Study of the crystalline structure of the superconducting phase of the Y?Ba?Cu?O ceramic compound. <b>1987</b> , 123, 31-33	2
1413	Compositionally dependent superconducting transition temperature of Y?Ba?Cu oxides. <b>1987</b> , 123, 34-36	13
1412	Upper limit on the resistivity of La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> . <b>1987</b> , 122, 61-63	2
1411	Evidence against bulk superconductivity in the high temperature superconductor La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4-y</sub> . <b>1987</b> , 122, 209-214	10

1410	Superconductivity at 93 K in a new mixed-phase Yb-Ba-Cu-O compound system at ambient pressure. <b>1987</b> , 58, 908-910		5806
1409	The Anisotropic Upper Critical Field of Single Crystal YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> . <b>1987</b> , 26, L1057-L1059		288
1408	Anderson Hamiltonian description of the experimental electronic structure and magnetic interactions of copper oxide superconductors. <b>1987</b> , 36, 8414-8428		383
1407	A theorist's view of high-T <sub>c</sub> superconductivity. <i>European Physical Journal B</i> , <b>1987</b> , 67, 141-145	1.2	201
1406	Strong-coupling effects in high-T <sub>c</sub> superconductors. <i>European Physical Journal B</i> , <b>1987</b> , 67, 147-154	1.2	32
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1403	On the possibility of binding of two holes in an antiferromagnetic state. <i>European Physical Journal B</i> , <b>1987</b> , 67, 503-506	1.2	32
1402	Thin film synthesis and the influence of irradiation-induced defects on the superconductivity of La <sub>1.8</sub> Sr <sub>0.2</sub> CuO <sub>4</sub> . <i>European Physical Journal B</i> , <b>1987</b> , 67, 507-511	1.2	29
1401	Superconducting EuBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . A Mössbauer study. <i>European Physical Journal B</i> , <b>1987</b> , 67, 513-516	1.2	43
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1399	On a quantum theory of superconducting glasses and other impure superconducting phases. <i>European Physical Journal B</i> , <b>1987</b> , 68, 329-333	1.2	7
1398	Photoemission investigation of the high temperature superconductors La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . <i>European Physical Journal B</i> , <b>1987</b> , 66, 275-278	1.2	66
1397	Superconductivity above 100 K in multi-phase YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> . <i>European Physical Journal B</i> , <b>1987</b> , 66, 279-282	1.2	27
1396	Structure and superconductivity of La <sub>1.8</sub> Sr <sub>0.2</sub> CuO <sub>4</sub> and multi-phase Y <sub>1.2</sub> Ba <sub>0.8</sub> CuO <sub>4</sub> under high pressure. <i>European Physical Journal B</i> , <b>1987</b> , 66, 283-287	1.2	33
1395	High temperature superconductivity research at the IBM Thomas J. Watson and Almaden research centers. <i>European Physical Journal B</i> , <b>1987</b> , 67, 275-283	1.2	20
1394	Alternate structure for Ba <sub>2</sub> YC <sub>3</sub> O <sub>7</sub> . <i>European Physical Journal B</i> , <b>1987</b> , 67, 285-289	1.2	21
1393	Superconducting and magnetic properties of Ba <sub>2</sub> LnCu <sub>3</sub> O <sub>7-x</sub> compounds (Ln=lanthanides). <i>European Physical Journal B</i> , <b>1987</b> , 67, 291-298	1.2	58

1392	Lack of delocalized Cup states at the fermi level in the high-T c superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> by XANES spectroscopy. <b>1987</b> , 67, 307-312		50
1391	X-ray characterization of La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> system. <i>European Physical Journal B</i> , <b>1987</b> , 67, 313-317	1.2	4
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1389	Phonon density-of-states for the high-T c superconductor La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> and its non-superconducting reference La <sub>2</sub> CuO <sub>4</sub> . <i>European Physical Journal B</i> , <b>1987</b> , 67, 15-18	1.2	123
1388	Photoemission on the highT c superconductors YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <i>European Physical Journal B</i> , <b>1987</b> , 67, 19-23	1.2	148
1387	Tunneling and point contact investigations of La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> . <i>European Physical Journal B</i> , <b>1987</b> , 67, 25-29	1.2	11
1386	Symmetry classification of states in high temperature superconductors. <i>European Physical Journal B</i> , <b>1987</b> , 68, 9-14	1.2	102
1385	Superconductivity at 40 K in La <sub>1.8</sub> Sr <sub>0.2</sub> CuO <sub>4</sub> . <i>European Physical Journal B</i> , <b>1987</b> , 66, 141-146	1.2	72
1384	Monopole condensation and color confinement. <b>1987</b> , 198, 516-520		339
1383	Observation of RF superconductivity in Y <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>9</sub> at 3 GHz. <b>1987</b> , 68, L1-L5		24
1382	The coexistence of magnetic ordering and superconductivity in YBa <sub>2</sub> (Cu <sub>0.94</sub> Fe <sub>0.06</sub> ) <sub>3</sub> O <sub>9</sub> . <b>1987</b> , 69, L221-L224		54
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1200	Effects of the structure of the Fermi surface on the normal and superconducting parameters of the high-T <sub>c</sub> oxide superconductors. <b>1988</b> , 1, 143-151	40
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1198	Comparison of Y-Ba-Cu-O compounds prepared from BaCuO <sub>2</sub> and Ba <sub>2</sub> Cu <sub>3</sub> O <sub>5+<math>\delta</math></sub> <b>1988</b> , 1, 451-461	11
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1167	NMR and NQR study of La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> and YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6+x</sub> (x=0, 0.25). <b>1988</b> , 153-155, 741-742	2
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1154	Structural study of superconducting Ba <sub>2</sub> YCu <sub>3</sub> O <sub>y</sub> under high pressure and high temperature. <b>1988</b> , 153-155, 976-977	4
1153	Local structure and valence states in Ba <sub>2</sub> YCu <sub>3</sub> O <sub>y</sub> studied by x-ray absorption fine structure. <b>1988</b> , 153-155, 982-983	1
1152	Metallic interfaces in high-T <sub>c</sub> superconductors. <b>1988</b> , 153-155, 992-993	2
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1150	Low temperature thermal expansion and specific heat of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> . <b>1988</b> , 153-155, 1006-1007	4
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1144	Mass Transport and Chemical Demixing of Y-Ba-Cu-O Compounds During Sintering in Temperature Gradients. <b>1988</b> , 71, C-237-C-240	5
1143	Thermal Neutron Irradiation of Y-Ba-Cu-O Superconductor. <b>1988</b> , 71, C-505-C-506	1
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1130	Superconductivity in the rare-earth-free $\text{TlBaCuO}$ system above liquid-nitrogen temperature. <b>1988</b> , 332, 55-58	691
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1108	Pauli-like susceptibility and oxygen order in the CuO <sub>1-x</sub> plane of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> . <b>1988</b> , 127, 366-370	5
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1081	Hall-effect of bulk YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> <b>1988</b> , 68, 929-933	100
1080	Electronic properties and critical current densities of superconducting (Y <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>6.9</sub> ) <sub>1-x</sub> Ag <sub>x</sub> compounds. <b>1988</b> , 68, 535-538	69
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1078	Spin-polarized electronic structures of La <sub>2</sub> CuO <sub>4</sub> . <b>1988</b> , 66, 629-632	46
1077	Direct production of crystalline superconducting thin films of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> by high-pressure oxygen sputtering. <b>1988</b> , 66, 661-665	149
1076	Superconductivity in yttrium-terbium-barium-copper oxide. <b>1988</b> , 68, 57-60	5
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1074	Low temperature microwave surface resistance of Y <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>y</sub> and La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> . <b>1988</b> , 68, 71-75	27
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1070	Raman scattering in single crystal La <sub>2</sub> CuO <sub>4</sub> . <b>1988</b> , 66, 1077-1078	17
1069	Flux quantized energy oscillations upon microwave excitation of high temperature superconductors. <b>1988</b> , 68, 1019-1021	9

1068	La <sub>1.80</sub> Sr <sub>0.20</sub> CuO <sub>4</sub> is a clean limit superconductor. <b>1988</b> , 65, 491-494	21
1067	Tight-binding model for electronic structure and electron-phonon coupling in high T <sub>c</sub> superconductors (La <sub>2-x</sub> M <sub>x</sub> CuO <sub>4</sub> ). <b>1988</b> , 65, 501-505	21
1066	Direct preparation of high-T <sub>c</sub> -superconducting films by laser ablation. <b>1988</b> , 67, 965-966	80
1065	Electronic structure and copper-oxygen covalency in La <sub>2-x</sub> A <sub>x</sub> CuO <sub>4</sub> high T <sub>c</sub> superconductors. <b>1988</b> , 67, 985-989	10
1064	Electron microscopic studies of local structures of high temperature YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> superconductor. <b>1988</b> , 65, 831-834	5
1063	Effect of oxygen content on phonon Raman spectra of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> . <b>1988</b> , 65, 835-839	51
1062	Meissner effect, critical fields, and superconducting parameters of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> . <b>1988</b> , 65, 845-848	23
1061	Directed reaction process producing single-phase superconducting compound YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.5+x</sub> . <b>1988</b> , 65, 859-862	24
1060	On improvement of critical current density of single-phase superconducting YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.5+x</sub> by modification processes. <b>1988</b> , 65, 863-865	2
1059	Specific heat and flux creep feature on Y-Ba-Cu-O system. <b>1988</b> , 65, 873-875	5
1058	The confirmation of superconductivity in the Bi <sub>2</sub> Sr <sub>2</sub> Ca <sub>2</sub> Cu <sub>2</sub> O <sub>10</sub> system. <b>1988</b> , 66, 947-951	9
1057	Infrared reflection spectra of tetragonal and orthorhombic ErBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> and HoBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> . <b>1988</b> , 66, 303-305	15
1056	Mössbauer study of YBa <sub>2</sub> (Cu <sub>1-x</sub> Fe <sub>x</sub> ) <sub>3</sub> O <sub>7-x</sub> Superconductivity and magnetic order. <b>1988</b> , 65, 43-46	136
1055	Study of high-T <sub>c</sub> superconducting YBaCuO thin films. <b>1988</b> , 65, 59-61	10
1054	High temperature phase transition in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> : A thermodynamic key to the high temperature superconductivity. <b>1988</b> , 65, 63-66	14
1053	Variation of T <sub>c</sub> with the number of CuO <sub>2</sub> adjacent planes in the copper oxide compounds. <b>1988</b> , 67, 251-252	11
1052	CuO <sub>2</sub> -plane vibrational modes in single crystals of PrBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> . <b>1988</b> , 67, 271-274	30
1051	Superconducting thin films of YBaCuO compound deposited on silicon and Al <sub>2</sub> O <sub>3</sub> substrates. <b>1988</b> , 67, 275-280	7

1050	Electron-phonon coupling and charge transfer in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> from band theory. <b>1988</b> , 67, 297-300	43
1049	Superconductivity at 10 K and ambient pressure in the organic metal (BEDT - TTF) <sub>2</sub> Cu(SCN) <sub>2</sub> . <b>1988</b> , 65, 1531-1534	60
1048	Low temperature thermal expansion and specific heat of a high T <sub>c</sub> ceramic Y <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> <b>1988</b> , 65, 1555-1557	12
1047	Negative differential conductivity in SNS-junctions: A test of pairing configurations in high T <sub>c</sub> superconductors. <b>1988</b> , 65, 1567-1571	11
1046	Strong-coupling two-band theory for high T <sub>c</sub> superconductors. <b>1988</b> , 65, 135-137	10
1045	Raman scattering from Y <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> high T <sub>c</sub> -superconductors. <b>1988</b> , 65, 139-143	23
1044	Effects of helium absorption on the superconducting mechanism of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>y</sub> . <b>1988</b> , 65, 347-350	11
1043	The single phase Y <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> bulk is a weak pinning superconductor. <b>1988</b> , 65, 359-360	9
1042	Anomalies in the internal friction and sound velocity in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> and EuBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> superconductors. <b>1988</b> , 65, 957-961	49
1041	Electron tunneling studies of high-T <sub>c</sub> superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> <b>1988</b> , 65, 997-999	18
1040	Low field frequency dependent complex susceptibility of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> . <b>1988</b> , 68, 333-336	10
1039	Planes and chains: A novel excitonic mechanism for high temperature superconductivity. <b>1988</b> , 68, 337-341	42
1038	Oxygen evolution from YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.85</sub> high T <sub>c</sub> superconductors. <b>1988</b> , 65, 293-296	41
1037	Superconducting and electronic properties of Bi <sub>1-x</sub> La <sub>x</sub> SrCuO <sub>y</sub> system. <b>1988</b> , 66, 189-193	18
1036	Single crystal growth of high-T <sub>c</sub> superconductors. <b>1988</b> , 66, 195-199	31
1035	Specific heat study on samples of Ba <sub>2</sub> YC <sub>3</sub> O <sub>7</sub> with a double superconducting transition. <b>1988</b> , 66, 201-204	55
1034	Reduced fluxon viscosity in a Josephson junction. <b>1988</b> , 68, 1097-1100	47
1033	Superconductivity in La <sub>2-x</sub> NaxCuO <sub>4</sub> . <b>1988</b> , 66, 387-391	30

1032	Effect of low temperature electron irradiation on the superconductivity of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ . <b>1988</b> , 66, 417-420	15
1031	Probing thermodynamic fluctuations in high temperature superconductors. <b>1988</b> , 66, 421-425	46
1030	Mössbauer and magnetic investigations of $\text{YBa}_2\text{Cu}_3\text{O}_7$ superconductors. <b>1988</b> , 66, 431-434	7
1029	Polarized Raman spectra of superconducting $\text{YBa}_2\text{Cu}_3\text{O}_7$ single microcrystals. <b>1988</b> , 66, 451-453	20
1028	Low temperature neutron irradiation of the high- $T_c$ -superconductors $\text{YBa}_2\text{Cu}_3\text{O}_7$ and $\text{Y}_{1.2}\text{Ba}_{0.8}\text{CuO}_4$ . <b>1988</b> , 65, 223-225	44
1027	Strong coupling, energy gaps and localization in high- $T_c$ superconductors. <b>1988</b> , 65, 227-229	12
1026	Elastic properties of polycrystalline $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ . <b>1988</b> , 65, 1073-1078	12
1025	Laser Raman microprobe study of $\text{Y?Ba?Cu}$ -oxide superconductor between 4.2K and 100K. <b>1988</b> , 67, 113-118	7
1024	Low frequency excess noise in bulk $\text{YBa}_2\text{Cu}_3\text{O}_7$ samples. <b>1988</b> , 67, 133-136	16
1023	On the structure of high- $T_c$ oxide system $\text{Tl?Ba?Cu?O}$ . <b>1988</b> , 66, 707-709	8
1022	Influence of Fe-substitution on the high- $T_c$ superconductivity. <b>1988</b> , 66, 727-730	29
1021	Interfacial superconducting state of a band-inverted semiconductor junction. <b>1988</b> , 66, 731-734	2
1020	Spin-polaron pairing and high-temperature superconductivity. <b>1988</b> , 67, 363-367	41
1019	Thermal conductivity and disorder in high temperature superconductors. <b>1988</b> , 67, 401-404	10
1018	Antiferromagnetism of $\text{La}_2\text{CuO}_4$ studied by specific heat. <b>1988</b> , 67, 415-416	10
1017	Direct observation of the lattice of Abrikosov vortices in high- $T_c$ superconductor $\text{YBa}_2\text{Cu}_3\text{O}_x$ single crystals. <b>1988</b> , 67, 421-423	90
1016	On the mechanism of high-temperature superconductivity in $\text{Ba?La(Y)?Cu?O}$ type systems. <b>1988</b> , 67, 425-429	3
1015	Breakdown of Matthiessen's rule in the high- $T_c$ superconducting oxides. <b>1988</b> , 67, 1175-1177	6



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1013	New low-temperature vortex state and flux quantum oscillations at low temperatures in the paramagnetic resonance of high temperature superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> <b>1988</b> , 68, 259-262	14
1012	Growth and annealing effect of single crystals of high-T <sub>c</sub> superconductors. <b>1988</b> , 66, 1151-1156	13
1011	Effect of hydrogen on high T <sub>c</sub> granular superconductors: Observation of percolating behaviour. <b>1988</b> , 66, 1157-1160	40
1010	Thermal analysis in the M-Ba-Cu-O systems (M = Y, La, Pr) in relation to high T <sub>c</sub> superconductors. <b>1988</b> , 133, 17-22	11
1009	Comparative study on the heat capacity of ABa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> high TC superconducting compounds (A = Y, Eu, Ho).. <b>1988</b> , 133, 49-54	2
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1007	Manufacturing of High T <sub>c</sub> Superconducting Ceramic Wires by Hot Extrusion. <b>1988</b> , 37, 259-261	1
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1004	Growth and anisotropic magnetic behaviour of aligned eutectic-type structures in the system La <sub>2</sub> /SrxCuO <sub>4</sub> -copper oxide. <b>1988</b> , 91, 268-273	17
1003	New procedure for single crystal growth of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> . <b>1988</b> , 91, 278-281	10
1002	Growth of ErBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> single crystals from high temperature solution. <b>1988</b> , 91, 331-333	14
1001	Formation processes of polycrystalline LnBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> (Ln = La, Nd, Sm, Eu, Gd, Dy, Ho, Er, Tm, Yb and Lu). <b>1988</b> , 91, 397-401	11
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987	Stability and lattice pressure in complex perovskite superconductors. <b>1988</b> , 76, 229-234	4
986	Structure determination of $\text{Ca}_4\text{Fe}_2\text{Ti}_2\text{O}_{11}$ by electron microscopy and crystallographic image processing. <b>1988</b> , 77, 316-321	26
985	Macro- and microstructural analysis of $\text{RBa}_2\text{Cu}_3\text{O}_{7-x}$ ( $\text{R} = \text{Y}, \text{Gd}, \text{Er}, \text{and Tm}$ ) superconductor thin crystals between 300 and 15 K. <b>1988</b> , 74, 74-87	8
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972	Critical field of single crystalline YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> <b>1988</b> , 152, 523-528	4
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969	Topographic study of the (001) surface of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> single crystals with a scanning tunneling microscope. <b>1988</b> , 152, 99-104	27
968	Determination of the energy gap in a thin YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> film by Andreev reflection and by tunneling. <b>1988</b> , 152, 105-110	52
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966	Stoichiometry of bulk superconducting La <sub>2</sub> CuO <sub>4</sub> + $\delta$ A superconducting superoxide?. <b>1988</b> , 152, 121-123	170
965	High-temperature superconducting properties in the Y <sub>1-x</sub> A <sub>x</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> system (A = In, Tl). <b>1988</b> , 152, 283-285	5
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962	The upper critical field of Ba <sub>1-x</sub> K <sub>x</sub> BiO <sub>3</sub> . <b>1988</b> , 156, 27-34	52
961	Superconducting Yb <sub>2</sub> Ba <sub>4</sub> Cu <sub>7</sub> O <sub>x</sub> produced by oxidizing metallic precursors. <b>1988</b> , 156, 45-56	32

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942	Superconductivity in the orbital degenerated Hubbard model. <b>1988</b> , 153-155, 1295-1296	8
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938	Transport critical current in bulk sintered YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> in weak magnetic field. <b>1988</b> , 153-155, 1341-1342	6
937	T <sub>c</sub> of single crystal YBaCuO under hydrostatic pressure up to 10 GPa. <b>1988</b> , 153-155, 1355-1356	1
936	New procedure for determination of [Cu-O] <sup>+</sup> p charge and oxygen content in high T <sub>c</sub> copper oxides. <b>1988</b> , 153-155, 1367-1368	165
935	Rounding effects on electrical resistivity above T <sub>c</sub> in high temperature superconductors and thermodynamic fluctuations. <b>1988</b> , 153-155, 1371-1372	8
934	Point contact properties of YBaCuO and SmBaCuO. <b>1988</b> , 153-155, 1387-1388	3
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931	Investigation of high T <sub>c</sub> superconductors by means of torque measurements. <b>1988</b> , 153-155, 1505-1506	8
930	Observation and polaronic nature of superconductivity in new metallic oxides. <b>1988</b> , 153-155, 1517-1518	1
929	Low field AC susceptibility of high T <sub>c</sub> Y-Ba-Cu-O superconductors. <b>1988</b> , 153-155, 1531-1532	5
928	Currents, magnetization and AC-losses of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> superconductors in rapidly changing magnetic fields. <b>1988</b> , 153-155, 1565-1566	8
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926	Superconducting Perovskites in microwave fields. <b>1988</b> , 153-155, 1604-1609	54
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918	Role of Cu in high T <sub>c</sub> superconductors: A photoemission study. <b>1988</b> , 153-155, 153-154	13
917	Phonons in high-T <sub>c</sub> YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <b>1988</b> , 153-155, 210-211	1
916	On an electronic pairing mechanism in oxide superconductors of the YBa <sub>2</sub> (Cu <sub>1-<math>\delta</math></sub> M <sub><math>\delta</math></sub> ) <sub>3</sub> O <sub>7-<math>\delta</math></sub> type ( M = Ti, Cr, Mn, Fe, Co, Ni, Zn ). <b>1988</b> , 153-155, 215-216	1
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913	Analysis of instability and phase transition in La <sub>2</sub> CuO <sub>4</sub> . <b>1988</b> , 153-155, 253-254	
912	Phonon anomalies in La <sub>2</sub> NiO <sub>4</sub> . <b>1988</b> , 153-155, 276-277	
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