Francesco Cordero

List of Publications by Year
in descending order

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181	2,278	236925 25	289244 40
papers	citations	h-index	g-index

186	186	186	1953
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrogen four-level tunnel systems in substitutional body-centred cubic alloys. International Journal of Materials Research, 2022, 93, 1083-1087.	0.3	0
2	Ferroic glass behavior in (Bi,Na)TiO3 â€“ based lead-free electroceramics. Journal of Alloys and Compounds, 2022, , 165717.	5.5	1
3	Depolarization of ferroelectric materials measured by their piezoelectric and elastic response. Journal of Alloys and Compounds, 2022, 918, 165783.	5.5	1
4	Cation reorientation and octahedral tilting in the metal-organic perovskites MAPI and FAPI. Journal of Alloys and Compounds, 2021, 867, 158210.	5.5	13
5	Structural Transitions and Stability of FAPbI3 and MAPbI3: The Role of Interstitial Water. Nanomaterials, 2021, 11, 1610.	4.1	2
6	Hopping and clustering of oxygen vacancies in BaTiO3â˜ and the influence of the off-centred Ti atoms. Journal of Alloys and Compounds, 2021, 874, 159753.	5.5	12
7	Flexible lead-free NBT-BT/PVDF composite films by hot pressing for low-energy harvesting and storage. Journal of Alloys and Compounds, 2021, 884, 161071.	5.5	19
8	Influence of Temperature, Pressure, and Humidity on the Stabilities and Transition Kinetics of the Various Polymorphs of FAPbI₃. Journal of Physical Chemistry C, 2020, 124, 22972-22980.	3.1	18
9	Multiferroic (Nd,Fe)-doped PbTiO3 ceramics with coexistent ferroelectricity and magnetism at room temperature. Ceramics International, 2019, 45, 9390-9396.	4.8	14
10	Characterization of oxygen vacancies in SrTiO3 by means of anelastic and Raman spectroscopy. Journal of Applied Physics, 2019, 126, .	2.5	23
11	Stability of Cubic FAPbI₃ from X-ray Diffraction, Anelastic, and Dielectric Measurements. Journal of Physical Chemistry Letters, 2019, 10, 2463-2469.	4.6	60
12	Damage from Coexistence of Ferroelectric and Antiferroelectric Domains and Clustering of O Vacancies in PZT: An Elastic and Raman Study. Materials, 2019, 12, 957.	2.9	8
13	Probing ferroelectricity in highly conducting materials through their elastic response: Persistence of ferroelectricity in metallic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>BaTiO</mml:mi><mml:mrow><mml:mn>3</mml:mn><mml:mn> Physical Review B, 2019, 99, .	3.2	22
14	Anelastic and optical properties of Bi0.5Na0.5TiO3 and (Bi0.5Na0.5)0.94Ba0.06TiO3 lead-free ceramic systems doped with donor Sm3+. Journal of Alloys and Compounds, 2018, 746, 648-652.	5.5	8
15	Quantitative evaluation of the piezoelectric response of unpoled ferroelectric ceramics from elastic and dielectric measurements: Tetragonal BaTiO3. Journal of Applied Physics, 2018, 123, .	2.5	23
16	Elastic and Dielectric Evaluation of the Piezoelectric Response of Ferroelectrics Using Unpoled Ceramics. Ceramics, 2018, 1, 211-228.	2.6	4
17	Piezoelectricity from Elastic and Dielectric Measurements on Unpoled Ferroelectrics. Materials Research, 2018, 21, .	1.3	6
18	On the proposed martensitic-like structural transformation in V, Nb, and Ta. Low Temperature Physics, 2018, 44, 952-954.	0.6	1

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19	Combined use of MÃ¶ssbauer spectroscopy, XPS, HRTEM, dielectric and anelastic spectroscopy for estimating incipient phase separation in lead titanate-based multiferroics. Physical Chemistry Chemical Physics, 2018, 20, 14652-14663.	2.8	13
20	Competition between Polar and Antiferrodistortive Modes and Correlated Dynamics of the Methylammonium Molecules in MAPbI₃ from Anelastic and Dielectric Measurements. Journal of Physical Chemistry Letters, 2018, 9, 4401-4406.	4.6	18
21	Ionic Mobility and Phase Transitions in Perovskite Oxides for Energy Application. Challenges, 2017, 8, 5.	1.7	8
22	Elastic aging from coexistence and transformations of ferroelectric and antiferroelectric states in PZT. Journal of Applied Physics, 2016, 120, .	2.5	5
23	Rotational instability of the electric polarization and divergence of the shear elastic compliance. Physical Review B, 2016, 93, .	3.2	11
24	Piezoelectric softening in ferroelectrics: Ferroelectric versus antiferroelectric<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>PbZr</mml:mi><mml:mrow><mml:mn>1</m mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 93, .	3.2	18
25	Separate Kinetics of the Polar and Antiferrodistortive Order Parameters in the Antiferroelectric Transition of PbZr1-xTixO3 and the Influence of Defects. Archives of Metallurgy and Materials, 2015, 60, 381-384.	0.6	1
26	Elastic Properties and Enhanced Piezoelectric Response at Morphotropic Phase Boundaries. Materials, 2015, 8, 8195-8245.	2.9	48
27	Refining the phase diagram of Pb1â^'xLax(Zr0.9Ti0.1)1â^'x/4O3 ceramics by structural, dielectric, and anelastic spectroscopy investigations. Journal of Applied Physics, 2015, 117, .	2.5	18
28	Metal-insulator transition in Nd1â^'xEuxNiO3: Entropy change and electronic delocalization. Journal of Applied Physics, 2015, 117, .	2.5	7
29	Elastic response of (1â€‰â^'â€‰x)Ba(Ti0.8Zr0.2)O3 â€“ x(Ba0.7Ca0.3)TiO3 (xâ€‰=â€‰0.45â€“0.55) and the role of the intermediate orthorhombic phase in enhancing the piezoelectric coupling. Applied Physics Letters, 2014, 105, .	3.3	67
30	Effects of coupling between octahedral tilting and polar modes on the phase diagram of the ferroelectric perovskites PbZr_{1â^'x}Ti_xO₃and (Na_{1/2}Bi_{1/2})_{1â^'x}Ba_xTiO₃. Physical Review B, 2014, 89, 255201.	1.3	8
31	Effect of aging and cycling on the polar and antiferrodistortive components of the antiferroelectric transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>PbZr</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mn> Splitting of the transition to the antiferroelectric state in PbZr</mml:math>. Physical Review B,	3.2	12
32	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.95</mml:mn></mml:mrow></mml:msub></mml:math>Ti<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.05</mml:mn></mml:mrow></mml:msub></mml:math>O<mml:math PbZr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Ti<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math	3.2	14
33		3.2	36
34	Octahedral tilting, monoclinic phase and the phase diagram of PZT. Journal of Physics Condensed Matter, 2011, 23, 415901.	1.8	34
35	Metal-insulator transition in Nd1â^'x Eux NiO3 probed by specific heat and anelastic measurements. Journal of Applied Physics, 2011, 109, 07E115.	2.5	9
36	Anelastic spectroscopy study of the metal-insulator transition of Nd<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Eu<mml: xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>NiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	3.2	17

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37	Effect of doping and oxygen vacancies on the octahedral tilt transitions in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaCeO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2010, 82, .	3.2	19
38	Phase transitions and phase diagram of the ferroelectric perovskite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:msub><mml:mrow><mml:mrow> Physical Review B, 2010, 81, .	3.2	175
39	Effect of O vacancies on the Youngâ€™s modulus of the BaCe1â^'xYxO3â^'Î´ perovskite. Applied Physics Letters, 2009, 94, 181905.	3.3	5
40	An insert for anelastic spectroscopy measurements from 80 K to 1100 K. Measurement Science and Technology, 2009, 20, 015702.	2.6	28
41	Hopping and clustering of oxygen vacancies in. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2009, 521-522, 77-79.	5.6	7
42	Anelastic relaxation from hydrogen and other defects in La-doped BaTiO3. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2009, 521-522, 80-83.	5.6	5
43	Anelastic and dielectric study of the phase transformations of around the morphotropic phase boundary. Journal of Physics and Chemistry of Solids, 2008, 69, 2172-2176.	4.0	6
44	Hydrogen tunneling in the perovskite ionic conductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaCe</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> Physical Review B, 2008, 78, .	3.2	14
45	EXAFS study of LaNi5 and LaNi4.5Al0.5. Journal of Alloys and Compounds, 2007, 433, 33-36.	5.5	8
46	Phase transitions and thermally activated hydrogen dynamics in ZrV2Hx (0â‰xâ‰1) intermetallic compounds. Journal of Alloys and Compounds, 2007, 438, 190-194.	5.5	3
47	Aging, Memory and Oxygen Vacancies in PLZT. Ferroelectrics, 2007, 353, 78-86.	0.6	7
48	Hopping and clustering of oxygen vacancies inSrTiO3by anelastic relaxation. Physical Review B, 2007, 76, .	3.2	74
49	Low-Temperature Phase Transformations ofPbZr1â^'xTixO3in the Morphotropic Phase-Boundary Region. Physical Review Letters, 2007, 98, 255701.	7.8	45
50	Local structure characterization of superconducting MgCNi3 prepared by SHS technique. Physica C: Superconductivity and Its Applications, 2007, 454, 77-81.	1.2	4
51	An EXAFS study of RuSr2GdCu2O8: Evidence of magnetoelastic coupling. Physica C: Superconductivity and Its Applications, 2007, 467, 167-173.	1.2	4
52	Anelastic relaxation in SrTiO3 with O vacancies and H. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 442, 55-58.	5.6	8
53	Anelastic relaxation in ZrV2Hx intermetallic compounds. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 442, 124-127.	5.6	0
54	Anelastic spectroscopy for studying O vacancies in perovskites. Journal of the European Ceramic Society, 2006, 26, 2923-2929.	5.7	13

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55	Local Structure and Dynamic Properties of Mn Substituted Manganites Studied by EXAFS and Anelastic Spectroscopy. Advances in Science and Technology, 2006, 52, 110.	0.2	0
56	High-temperature memory in(Pbâ^•La)(Zrâ^•Ti)O3as intrinsic of the relaxor state rather than due to defect relaxation. Physical Review B, 2006, 74, .	3.2	3
57	Local structure and magnetic properties of Mn substituted manganites studied by EXAFS and Dc magnetic measurements. Solid State Communications, 2005, 136, 244-249.	1.9	9
58	Local Order and Structure in Mn-Substituted Manganites Studied by EXAFS. Journal of Superconductivity and Novel Magnetism, 2005, 18, 643-647.	0.5	0
59	Ageing and Memory in PLZT Above the Polar Freezing Temperature. Ferroelectrics, 2005, 319, 19-26.	0.6	1
60	Polar and nonpolar atomic motions in the relaxor ferroelectricPb1â^'3xâ^•2LaxZr0.2Ti0.8O3from dielectric, anelastic, and NMR relaxation. Physical Review B, 2005, 71, .	3.2	29
61	Memory of Multiple Aging Stages above the Freezing Temperature in the Relaxor Ferroelectric PLZT. Physical Review Letters, 2004, 93, 097601.	7.8	31
62	Relation between charge ordering and local lattice disorder in manganites studied by EXAFS. Solid State Communications, 2004, 129, 143-146.	1.9	8
63	Anelastic relaxation processes due to hopping of interstitial oxygen in scandium. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 370, 93-95.	5.6	1
64	Anelastic spectroscopy measurements of nanoscale charge and magnetic structures in cuprates and manganites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 370, 346-351.	5.6	0
65	Hydrogen trapping by defects in semiconductors studied by anelastic spectroscopy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 370, 114-117.	5.6	0
66	Fluctuations and depinning of stripes at acoustic frequencies in La2â^'xSrxCuO4. Physica C: Superconductivity and Its Applications, 2004, 408-410, 445-446.	1.2	0
67	Mobility of interstitial oxygen in scandium by anelastic spectroscopy. Solid State Communications, 2004, 129, 217-220.	1.9	0
68	Cluster spin glass phase and charge stripe fluctuations in the high-Tc superconductor La2â^'xSrxCuO4. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 185-186.	2.3	1
69	Variations in structural and physical properties of RuSr2GdCu2O8 samples submitted to annealing and deoxygenation procedures. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1047-E1049.	2.3	5
70	Magnetoelastic coupling in RuSr2GdCu2O8. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 2106-2107.	2.3	2
71	Hydrogen and deuterium tunnelling in scandium. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 370, 118-122.	5.6	2
72	Memory Effects in Dielectric and Anelastic Measurements of PLZT. Ferroelectrics, 2004, 302, 221-226.	0.6	4

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73	Dynamics of the nanophase separation in manganites studied by anelastic spectroscopy. Journal of Magnetism and Magnetic Materials, 2003, 262, 154-157.	2.3	0
74	Acoustic measurement of the low-energy excitations in Nd2â^'xCexCuO4+Î´. Solid State Communications, 2003, 125, 601-605.	1.9	2
75	Tunneling of H within nearly undistorted substitutional-H pairs in Nb: a centrosymmetric four-level system. Journal of Alloys and Compounds, 2003, 356-357, 252-257.	5.5	1
76	Formation and mobility of oxygen vacancies inRuSr2GdCu2O8. Physical Review B, 2003, 67, .	3.2	20
77	DYNAMICS OF THE LOW TEMPERATURE GLASS-LIKE PHASE IN MANGANITES. International Journal of Modern Physics B, 2003, 17, 842-847.	2.0	0
78	Anelastic relaxation process of polaronic origin inLa2â^'xSrxCuO4:â€ƒInteraction between charge stripes and pinning centers. Physical Review B, 2003, 67, .	3.2	13
79	Dielectric and Anelastic Relaxation in PMN-PT Relaxors. Ferroelectrics, 2003, 290, 141-149.	0.6	10
80	ANELASTIC SPECTROSCOPY AND NQR RELAXATION IN Sr-DOPEN La2CuO4 AROUND THE AF PERCOLATION THRESHOLD. International Journal of Modern Physics B, 2003, 17, 512-520.	2.0	2
81	ANELASTIC MEASUREMENTS OF THE DYNAMICS OF LATTICE, CHARGE AND MAGNETIC INHOMOGENEITIES IN CUPRATES AND MANGANITES. , 2003, , .		0
82	Anelastic spectroscopy as a selective probe to reveal and characterize spurious phases in solid compounds. Journal of Applied Physics, 2002, 92, 7206-7209.	2.5	9
83	Anelastic spectroscopy study of the spin-glass and cluster spin-glass phases ofLa2â^'xSrxCuO4(0.015<x<0.03). Physical Review B, 2002, 66, .	3.2	9
84	Dynamics of H trapped by defects in type IV and IIIâ€"V semiconductors. Journal of Alloys and Compounds, 2002, 330-332, 420-425.	5.5	2
85	Anelastic spectroscopy study of very diluted Zrâ€"D tunnel systems in Nb single crystals. Journal of Alloys and Compounds, 2002, 330-332, 467-471.	5.5	3
86	Anelastic spectroscopy as a probe for the structure and dynamics of defects in semiconductors. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2002, 91-92, 498-502.	3.5	4
87	Monitoring the acoustic emission of the blades of the mirror suspension for a gravitational wave interferometer. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 301, 389-397.	2.1	14
88	Hydrogen four-level tunnel systems in substitutional body-centred cubic alloys. International Journal of Materials Research, 2002, 93, 1083-1087.	0.8	0
89	Glassy dynamics of the inhomogeneous metallic phase inLa1â^'xCaxMnO3. Physical Review B, 2001, 65, .	3.2	34
90	Dynamics of the low temperature inhomogeneous phase in manganese perovskites. Solid State Communications, 2001, 120, 317-320.	1.9	9

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91	Pinning of the domain walls of the cluster spin-glass phase in the low-temperature-tetragonal phase ofLa2âˆ'xBaxCuO4. Physical Review B, 2001, 64, .	3.2	11
92	Cluster spin-glass distribution functions inLa2âˆ'xSrxCuO4. Physical Review B, 2001, 64, .	3.2	10
93	Search for incipient lattice instabilities inMgB2by anelastic spectroscopy. Physical Review B, 2001, 64, .	3.2	16
94	Influence of interstitial O on the cluster spin-glass transition of La2âˆ'xSrxCuO4+Î´. Solid State Communications, 2000, 116, 665-668.	1.9	0
95	Doping-induced enhancement of the switch rate of tilted O octahedra tunneling within multiwell potentials in La2âˆ'xSrxCuO4. Physica C: Superconductivity and Its Applications, 2000, 341-348, 597-600.	1.2	0
96	Observation of the transition to the spin-glass phase in La2âˆ'xSrxCuO4 by inelastic spectroscopy. Physica C: Superconductivity and Its Applications, 2000, 341-348, 2041-2042.	1.2	0
97	Anelastic relaxation and around the critical Sr content x = 0.02. European Physical Journal B, 2000, 18, 49-54.	1.5	15
98	DOPING-INDUCED ENHANCEMENT OF THE TUNNELING-DRIVEN TILT RATE OF OXYGEN OCTAHEDRA IN La2-xSrxCuO4. International Journal of Modern Physics B, 2000, 14, 2755-2760.	2.0	0
99	DYNAMICS AND LOCAL STRUCTURE OF COLOSSAL MAGNETORESISTANCE MANGANITES. International Journal of Modern Physics B, 2000, 14, 2725-2730.	2.0	6
100	INVESTIGATION OF THE CLUSTER SPIN-GLASS TRANSITION IN La2â€"xSrxCuO4 BY MEANS OF ANELASTIC SPECTROSCOPY. International Journal of Modern Physics B, 2000, 14, 2785-2790.	2.0	0
101	THE CLUSTER SPIN-GLASS PHASE IN La2-xMxCuO4 (M=Sr OR Ba) AS AC PRECURSOR OF STRIPES. International Journal of Modern Physics B, 2000, 14, 3632-3636.	2.0	0
102	The maraging-steel blades of the Virgo super attenuator. Measurement Science and Technology, 2000, 11, 467-476.	2.6	31
103	Mechanisms of the semi-insulating conversion of InP by anelastic spectroscopy. Physical Review B, 2000, 62, 1828-1834.	3.2	8
104	Tunneling-driven tilt modes of the O octahedra inLa2âˆ'xSrxCuO4:Strong dependence on doping. Physical Review B, 2000, 61, 9775-9781.	3.2	9
105	Anelastic spectroscopy of the cluster spin-glass phase inLa2âˆ'xSrxCuO4. Physical Review B, 2000, 62, 5309-5312.	3.2	18
106	ANELASTIC AND 139La NQR RELAXATION STUDY OF La2-xSrxCuO4 AROUND THE CRITICAL Sr CONTENT x = 0.02. International Journal of Modern Physics B, 2000, 14, 2749-2754.	2.0	3
107	Low temperature relaxations associated with quantum tunnelling of H in Sc and Y. Journal of Alloys and Compounds, 2000, 310, 196-199.	5.5	4
108	Elastic and anelastic properties of Marval 18 steel. Journal of Alloys and Compounds, 2000, 310, 400-404.	5.5	4

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109	Relaxational lattice dynamics in La2â^'xSrxCuO4 and possible connection with the stripes in cuprate superconductors. Journal of Alloys and Compounds, 2000, 310, 16-19.	5.5	2
110	Anelastic relaxation in semi-insulating InP. Journal of Alloys and Compounds, 2000, 310, 288-291.	5.5	1
111	Vibrational Pseudo-Diffusive Motion of the Oxygen Octahedra in La2CuO4 and Sr Doped La2CuO4 from Anelastic and 139La NQR Relaxation. International Journal of Modern Physics B, 1999, 13, 1079-1084.	2.0	2
112	Tilt-wave dynamics of the oxygen octahedra inLa2CuO4from anelastic and139LaNQR relaxation. Physical Review B, 1999, 59, 12078-12082.	3.2	16
113	Interstitial O and O vacancies in La2CuO4+Î´ during high-temperature treatments. Physica C: Superconductivity and Its Applications, 1999, 312, 213-224.	1.2	16
114	Dynamics of hydrogen in scandium and yttrium by acoustic spectroscopy. Journal of Alloys and Compounds, 1999, 293-295, 334-337.	5.5	4
115	H and D tunnelling systems in diluted Nb1â^'xZrx alloys. Journal of Alloys and Compounds, 1999, 293-295, 338-340.	5.5	3
116	Local dynamics of H and D trapped by substitutional dopants in semiconductors. Journal of Alloys and Compounds, 1999, 293-295, 396-399.	5.5	0
117	Relaxation and tunnelling of structural units within theLTO phase ofLa 2 CuO 4. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1998, 20, 1127-1134.	0.4	0
118	Structure, mobility and clustering of interstitial O in La2CuO4+Î´ in the limit of small Î´. Physica C: Superconductivity and Its Applications, 1998, 305, 251-261.	1.2	18
119	Thermally activated dynamics of the tilts of the CuO6octahedra, hopping of interstitial O, and possible instability towards the LTT phase in La2CuO4+Î´. Physical Review B, 1998, 57, 8580-8589.	3.2	36
120	Quantum Diffusion of H(D) In Semiconductors and Metals, and The Role of the Interaction with Impurities. Materials Research Society Symposia Proceedings, 1998, 513, 121.	0.1	1
121	Dynamics of hydrogen, oxygen, and dislocations in yttrium by acoustic spectroscopy. Physical Review B, 1997, 55, 14865-14871.	3.2	14
122	Hydrogen and oxygen motion in yttrium by anelastic relaxation measurements. Journal of Alloys and Compounds, 1997, 253-254, 367-369.	5.5	1
123	Hopping and tunnelling of H(D) in semiconductors. Journal of Alloys and Compounds, 1997, 253-254, 356-359.	5.5	2
124	Possible observation of polaron pairs in highly doped YBa2Cu3O6+x by elastic energy loss. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1453-1454.	1.2	2
125	Acoustic measurements of possible polaron relaxations in YBCO. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1997, 19, 1137-1144.	0.4	0
126	New low activation energy processes in La2CuO4+Î´ by elastic energy loss experiments. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1429-1430.	1.2	1

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127	Thermally activated dynamics in La2CuO4+Î´: tilts of the CuO6 octahedra and interstitial O. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1457-1458.	1.2	5
128	Quantum diffusion of deuterium in GaAs:Zn. Solid State Communications, 1996, 98, 873-877.	1.9	13
129	Strong dependence on doping of a low-activation-energy relaxation process inYBa2Cu3O6+x: Possible polaron relaxation. Physical Review B, 1996, 54, 15537-15542.	3.2	14
130	Relaxation Effects due to Tunnelling of Hydrogen in Metals and Semiconductors. European Physical Journal Special Topics, 1996, 06, C8-13-C8-26.	0.2	1
131	Anelasticity of Polycrystalline Yttrium at Low Concentrations of H and O. European Physical Journal Special Topics, 1996, 06, C8-39-C8-42.	0.2	1
132	Low-Activation Energy Relaxations in Oxide Superconductors. European Physical Journal Special Topics, 1996, 06, C8-469-C8-472.	0.2	0
133	Hopping and tunnelling of D trapped by substitutional Zr in Nb single crystals. Journal of Alloys and Compounds, 1995, 231, 274-278.	5.5	7
134	Mobility and aggregation of oxygen inYBa2Cu3O6+xin the low-concentration limit. Physical Review B, 1994, 50, 16679-16683.	3.2	7
135	Four-site tunneling of H trapped by substitutional Zr in Nb. Physical Review B, 1994, 49, 15040-15045.	3.2	14
136	Cannelli, Cantelli, and Cordero reply. Physical Review Letters, 1994, 72, 2307-2307.	7.8	3
137	Four-level tunnel system of H trapped by a substitutional impurity in Nb. Physica B: Condensed Matter, 1994, 202, 229-233.	2.7	1
138	Anelastic measurements of defects related to substitutional Pr in Y0.7Pr0.3Ba2Cu3O6+x. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1223-1224.	1.2	0
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