Francesco Cordero

List of Publications by Year
in descending order

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	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> Physical Review B, 2010, 81, .	3.2	175
2	Hopping and clustering of oxygen vacancies inSrTiO3by anelastic relaxation. Physical Review B, 2007, 76, .	3.2	74
3	Phase Transformation at 240 K in YBa ₂ Cu ₃ O _{7- x} by Measurements of Elastic Energy Dissipation and Modulus and its Possible Relation with the Enhancement of T _c Above 100 K. Europhysics Letters, 1988, 6, 271-276.	2.0	72
4	New anelastic relaxation effect in Y-Ba-Cu-O at low temperature: A Snoek-type peak due to oxygen diffusion. Physical Review B, 1988, 38, 7200-7202.	3.2	71
5	Anelastic relaxation in the high-TcsuperconductorYBa2Cu3O7âˆ’x. Physical Review B, 1987, 36, 8907-8909.	3.2	69
6	Dynamics of oxygen and phase transitions in the 123 ceramic superconductors by anelastic relaxation measurements. Superconductor Science and Technology, 1992, 5, 247-257.	3.5	67
7	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
8	Stability of Cubic FAPbI₃ from X-ray Diffraction, Anelastic, and Dielectric Measurements. Journal of Physical Chemistry Letters, 2019, 10, 2463-2469.	4.6	60
9	Elastic Properties and Enhanced Piezoelectric Response at Morphotropic Phase Boundaries. Materials, 2015, 8, 8195-8245.	2.9	48
10	Dynamics of oxygen in theYBa2Cu3O7âˆ’xbasal planes by elastic-energy-loss measurements. Physical Review B, 1990, 42, 7925-7930.	3.2	45
11	Anelastic (dielectric) relaxation of point defects at any concentration, with blocking effects and formation of complexes. Physical Review B, 1993, 47, 7674-7685.	3.2	45
12	Low-Temperature Phase Transformations ofPbZr1âˆ’xTixO3in the Morphotropic Phase-Boundary Region. Physical Review Letters, 2007, 98, 255701.	7.8	45
13	Low-temperature phase transformations inYBa2Cu3O6+xby anelastic relaxation measurements and possible formation of ferroelectric and antiferroelectric domains. Physical Review B, 1992, 45, 931-937.	3.2	42
14	Self-organized criticality of the fracture processes associated with hydrogen precipitation in niobium by acoustic emission. Physical Review Letters, 1993, 70, 3923-3926.	7.8	42
15	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
16	Merging of the polar and tilt instability lines near the respective morphotropic phase boundaries of 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>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:mathTi<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/Mat	3.2	36
17	Glassy dynamics of the inhomogeneous metallic phase inLa1âˆ’xCaxMnO3. Physical Review B, 2001, 65, .	3.2	34
18	Octahedral tilting, monoclinic phase and the phase diagram of PZT. Journal of Physics Condensed Matter, 2011, 23, 415901.	1.8	34

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19	Tunneling of H and D trapped by O(N) in niobium by anelastic relaxation measurements. Physical Review B, 1986, 34, 7721-7726.	3.2	33
20	The maraging-steel blades of the Virgo super attenuator. Measurement Science and Technology, 2000, 11, 467-476.	2.6	31
21	Memory of Multiple Aging Stages above the Freezing Temperature in the Relaxor Ferroelectric PLZT. Physical Review Letters, 2004, 93, 097601.	7.8	31
22	H tunneling and trapping in Y by anelastic relaxation measurements. Physical Review Letters, 1991, 67, 2682-2685.	7.8	30
23	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
24	An insert for anelastic spectroscopy measurements from 80 K to 1100 K. Measurement Science and Technology, 2009, 20, 015702.	2.6	28
25	Fast oxygen mobility in tetragonal YBa2Cu3O7-x by anelastic relaxation measurements. Solid State Communications, 1991, 77, 429-431.	1.9	26
26	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
27	Characterization of oxygen vacancies in SrTiO3 by means of anelastic and Raman spectroscopy. Journal of Applied Physics, 2019, 126, .	2.5	23
28	Reorientation of the B-H complex in silicon by anelastic relaxation experiments. Physical Review B, 1991, 44, 11486-11489.	3.2	22
29	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>< Physical Review B, 2019, 99, .	3.2	22
30	Statistical model for the trapping of interstitials by substitutional (interstitial) atoms in solids. Physical Review B, 1985, 32, 3573-3579.	3.2	21
31	Formation and mobility of oxygen vacancies inRuSr2GdCu2O8. Physical Review B, 2003, 67, .	3.2	20
32	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: Physical Review B, 2010, 82, .	3.2	19
33	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
34	Interpretation of the anomalous anelastic relaxation due to trapped hydrogen (deuterium) in substitutional alloys using a statistical model. Journal of Physics F: Metal Physics, 1986, 16, 1153-1160.	1.6	18
35	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
36	Anelastic spectroscopy of the cluster spin-glass phase inLa2â^'xSrxCuO4. Physical Review B, 2000, 62, 5309-5312.	3.2	18

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37	Refining the phase diagram of Pb1âˆ’xLax(Zr0.9Ti0.1)1âˆ’x/4O3 ceramics by structural, dielectric, and anelastic spectroscopy investigations. Journal of Applied Physics, 2015, 117, .	2.5	18
38	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</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 93, .	3.2	18
39	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
40	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
41	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>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Eu<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>NiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	3.2	17
42	Tilt-wave dynamics of the oxygen octahedra inLa2CuO4from anelastic and139LaNQR relaxation. Physical Review B, 1999, 59, 12078-12082.	3.2	16
43	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
44	Search for incipient lattice instabilities inMgB2by anelastic spectroscopy. Physical Review B, 2001, 64, .	3.2	16
45	Anelastic relaxation and around the critical Sr content x = 0.02. European Physical Journal B, 2000, 18, 49-54.	1.5	15
46	Tunneling of Hydrogen in the Transition Metals Nb, Ta and V at Liquid Helium Temperatures*. Zeitschrift Fur Physikalische Chemie, 1989, 164, 943-952.	2.8	14
47	Four-site tunneling of H trapped by substitutional Zr in Nb. Physical Review B, 1994, 49, 15040-15045.	3.2	14
48	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
49	Dynamics of hydrogen, oxygen, and dislocations in yttrium by acoustic spectroscopy. Physical Review B, 1997, 55, 14865-14871.	3.2	14
50	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
51	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
52	Splitting of the transition to the antiferroelectric state in PbZr<mml:math 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 xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	3.2	14
53	Multiferroic (Nd,Fe)-doped PbTiO3 ceramics with coexistent ferroelectricity and magnetism at room temperature. Ceramics International, 2019, 45, 9390-9396.	4.8	14
54	Mobility and short-range ordering of oxygen in ifRrmBain2Cuin3Oinrm6+x by anelastic relaxation and possible correlation with the 90 K and 60 K superconducting phases. Solid State Communications, 1992, 82, 433-436.	1.9	13

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55	Quantum diffusion of deuterium in GaAs:Zn. Solid State Communications, 1996, 98, 873-877.	1.9	13
56	Anelastic relaxation process of polaronic origin inLa2â^'xSrxCuO4:â€ƒInteraction between charge stripes and pinning centers. Physical Review B, 2003, 67, .	3.2	13
57	Anelastic spectroscopy for studying O vacancies in perovskites. Journal of the European Ceramic Society, 2006, 26, 2923-2929.	5.7	13
58	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
59	Cation reorientation and octahedral tilting in the metal-organic perovskites MAPI and FAPI. Journal of Alloys and Compounds, 2021, 867, 158210.	5.5	13
60	Effects of aging and annealing 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:mo>−</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 89, .	3.2	12
61	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
62	Reordering stages of oxygen around 500 K in ReBa2Cu3O6+x by anelastic relaxation measurements. Solid State Communications, 1991, 80, 715-718.	1.9	11
63	Pinning of the domain walls of the cluster spin-glass phase in the low-temperature-tetragonal phase ofLa2â^'xBaxCuO4. Physical Review B, 2001, 64, .	3.2	11
64	Rotational instability of the electric polarization and divergence of the shear elastic compliance. Physical Review B, 2016, 93, .	3.2	11
65	Trapping and isotope effects of deuterium in Nb-5 at.% Ti. Journal of Physics F: Metal Physics, 1984, 14, 2507-2515.	1.6	10
66	Anelastic relaxation due to the tunneling of trapped D in Ta. Physical Review B, 1987, 35, 7264-7266.	3.2	10
67	An internal friction and frequency study in YBa2Cu3O7â^'x. Physica C: Superconductivity and Its Applications, 1988, 153-155, 298-299.	1.2	10
68	Experiments on H Tunnelling in Metals: Understood and Open Questions*. Zeitschrift Fur Physikalische Chemie, 1993, 179, 317-325.	2.8	10
69	Cluster spin-glass distribution functions inLa2â^'xSrxCuO4. Physical Review B, 2001, 64, .	3.2	10
70	Dielectric and Anelastic Relaxation in PMN-PT Relaxors. Ferroelectrics, 2003, 290, 141-149.	0.6	10
71	ORDERING AND DIFFUSION OF OXYGEN AT LOW TEMPERATURE IN Y-Ba-Cu-O BY MEASUREMENTS OF ELASTIC ENERGY DISSIPATION AND MODULUS. International Journal of Modern Physics B, 1988, 02, 1157-1170.	2.0	9
72	Tunneling-driven tilt modes of the O octahedra inLa2â^'xSrxCuO4:Strong dependence on doping. Physical Review B, 2000, 61, 9775-9781.	3.2	9

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73	Dynamics of the low temperature inhomogeneous phase in manganese perovskites. Solid State Communications, 2001, 120, 317-320.	1.9	9
74	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
75	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
76	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
77	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
78	Anelastic relaxation of H trapped by Zr in Nb single crystals. Journal of Alloys and Compounds, 1994, 211-212, 80-82.	5.5	8
79	Mechanisms of the semi-insulating conversion of InP by anelastic spectroscopy. Physical Review B, 2000, 62, 1828-1834.	3.2	8
80	Relation between charge ordering and local lattice disorder in manganites studied by EXAFS. Solid State Communications, 2004, 129, 143-146.	1.9	8
81	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
82	EXAFS study of LaNi5 and LaNi4.5Al0.5. Journal of Alloys and Compounds, 2007, 433, 33-36.	5.5	8
83	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. Phase Transitions, 2014, 87, 255-270.	1.3	8
84	Ionic Mobility and Phase Transitions in Perovskite Oxides for Energy Application. Challenges, 2017, 8, 5.	1.7	8
85	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
86	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
87	Mobility and aggregation of oxygen inYBa2Cu3O6+xin the low-concentration limit. Physical Review B, 1994, 50, 16679-16683.	3.2	7
88	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
89	Aging, Memory and Oxygen Vacancies in PLZT. Ferroelectrics, 2007, 353, 78-86.	0.6	7
90	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

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91	Metal-insulator transition in Nd1â^'‹i›x‹/i›Eu‹i›x‹/i›NiO3: Entropy change and electronic delocalization. Journal of Applied Physics, 2015, 117, .	2.5	7
92	DYNAMICS AND LOCAL STRUCTURE OF COLOSSAL MAGNETORESISTANCE MANGANITES. International Journal of Modern Physics B, 2000, 14, 2725-2730.	2.0	6
93	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
94	Piezoelectricity from Elastic and Dielectric Measurements on Unpoled Ferroelectrics. Materials Research, 2018, 21, .	1.3	6
95	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
96	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
97	Effect of O vacancies on the Youngâ€™s modulus of the BaCe1â^'xYxO3â^'Î´ perovskite. Applied Physics Letters, 2009, 94, 181905.	3.3	5
98	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
99	Elastic aging from coexistence and transformations of ferroelectric and antiferroelectric states in PZT. Journal of Applied Physics, 2016, 120, .	2.5	5
100	Hydride precipitation in vanadium studied by an internal friction technique at high frequency. Scripta Metallurgica, 1984, 18, 1031-1034.	1.2	4
101	Metal to semiconductor transition of vacuum annealed YBa2Cu3O7-x and characterization of its semiconducting state. Solid State Communications, 1988, 68, 323-325.	1.9	4
102	Dynamics of hydrogen in scandium and yttrium by acoustic spectroscopy. Journal of Alloys and Compounds, 1999, 293-295, 334-337.	5.5	4
103	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
104	Elastic and anelastic properties of Marval 18 steel. Journal of Alloys and Compounds, 2000, 310, 400-404.	5.5	4
105	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
106	Memory Effects in Dielectric and Anelastic Measurements of PLZT. Ferroelectrics, 2004, 302, 221-226.	0.6	4
107	Local structure characterization of superconducting MgCNi3 prepared by SHS technique. Physica C: Superconductivity and Its Applications, 2007, 454, 77-81.	1.2	4
108	An EXAFS study of RuSr2GdCu2O8: Evidence of magnetoelastic coupling. Physica C: Superconductivity and Its Applications, 2007, 467, 167-173.	1.2	4

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109	Elastic and Dielectric Evaluation of the Piezoelectric Response of Ferroelectrics Using Unpoled Ceramics. Ceramics, 2018, 1, 211-228.	2.6	4
110	Oxygen ordering and mobility in ReBa2Cu3O6+x by elastic energy loss and modulus measurements. Physica C: Superconductivity and Its Applications, 1991, 185-189, 897-898.	1.2	3
111	Cannelli, Cantelli, and Cordero reply. Physical Review Letters, 1994, 72, 2307-2307.	7.8	3
112	H and D tunnelling systems in diluted Nb1âˆ'xZrx alloys. Journal of Alloys and Compounds, 1999, 293-295, 338-340.	5.5	3
113	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
114	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
115	High-temperature memory in(Pbâˆ•La)(Zrâˆ•Ti)O3as intrinsic of the relaxor state rather than due to defect relaxation. Physical Review B, 2006, 74, .	3.2	3
116	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
117	Tunnelling of H trapped by substitutional Zr in Nb: an investigation on its geometry. Journal of Alloys and Compounds, 1994, 211-212, 253-256.	5.5	2
118	Acoustic emission and self-organized criticality associated with fracture processes during hydrogen precipitation in niobium. Journal of Alloys and Compounds, 1994, 211-212, 544-547.	5.5	2
119	Hopping and tunnelling of H(D) in semiconductors. Journal of Alloys and Compounds, 1997, 253-254, 356-359.	5.5	2
120	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
121	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
122	Relaxational lattice dynamics in La2âˆ'xSrxCuO4 and possible connection with the stripes in cuprate superconductors. Journal of Alloys and Compounds, 2000, 310, 16-19.	5.5	2
123	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
124	Acoustic measurement of the low-energy excitations in Nd2âˆ'xCexCuO4+Î´. Solid State Communications, 2003, 125, 601-605.	1.9	2
125	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
126	Magnetoelastic coupling in RuSr2GdCu2O8. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 2106-2107.	2.3	2

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127	Hydrogen and deuterium tunnelling in scandium. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 370, 118-122.	5.6	2
128	Influence of Doping on the Structural Transformations of the Proton Conducting Perovskite BaCe1xYxO3-D. Solid State Phenomena, 0, 172-174, 1296-1300.	0.3	2
129	Elastic and Dielectric Measurements of the Structural Transformations in the Ferroelectric Perovskite (Na_{1/2}Bi_{1/2})_{1-X}Ba_XTiO<sub>3</s Solid State Phenomena, 0, 172-174, 161-165.	0.3	2
130	Rhombohedral and Monoclinic Phases of PZT near the Antiferroelectric and the Morphotropic Boundaries. Solid State Phenomena, 0, 184, 333-338.	0.3	2
131	Structural Transitions and Stability of FAPbI3 and MAPbI3: The Role of Interstitial Water. Nanomaterials, 2021, 11, 1610.	4.1	2
132	Neutron monitoring during evolution of deuteride precipitation in Nb, Ta and Ti. Solid State Communications, 1990, 76, 815-819.	1.9	1
133	Elastic Energy Loss due to the Reorientation of H around B in Silicon. Materials Science Forum, 0, 83-87, 9-14.	0.3	1
134	Four-level tunnel system of H trapped by a substitutional impurity in Nb. Physica B: Condensed Matter, 1994, 202, 229-233.	2.7	1
135	Oxygen diffusion and reordering in RBa2Cu3O6+x. Journal of Alloys and Compounds, 1994, 211-212, 257-259.	5.5	1
136	Hydrogen and oxygen motion in yttrium by anelastic relaxation measurements. Journal of Alloys and Compounds, 1997, 253-254, 367-369.	5.5	1
137	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
138	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
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