Lorena Pardo

List of Publications by Year
in descending order

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192	3,261	147566	205818
papers	citations	31 h-index	48 g-index

196	196	196	1914
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Processing, phase evolution and electrical properties of â€œlead freeâ€•KNNâ€“BFâ€“CuO eco-piezoceramic from mechanochemically activated precursors. Open Ceramics, 2022, 9, 100247.	1.0	1
2	FEA Study of Shear Mode Decoupling in Nonstandard Thin Plates of a Lead-Free Piezoelectric Ceramic. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 325-333.	1.7	5
3	A Virtual Instrument for Measuring the Piezoelectric Coefficients of a Thin Disc in Radial Resonant Mode. Sensors, 2021, 21, 4107.	2.1	1
4	Cyclic Mechanical Fatigue Lifetime of Bi0.5Na0.5TiO3-Based Eco-Piezoceramics. Materials, 2021, 14, 4113.	1.3	0
5	Determination of the PIC700 Ceramicâ€™s Complex Piezo-Dielectric and Elastic Matrices from Manageable Aspect Ratio Resonators. Materials, 2021, 14, 4076.	1.3	7
6	Confocal Raman Microscopy, Synchrotron X-ray Diffraction, and Photoacoustic Study of Ba_{0.85}Ca_{0.15}Ti_{0.90}Zr_{0.10}O₃: Understanding Structural and Microstructural Response to the Electric Field. ACS Applied Electronic Materials, 2021, 3, 2966-2976.	2.0	7
7	MgNb 2 O 6 Modified K 0.5 Na 0.5 NbO 3 Ecoâ€Piezoceramics: Scalable Processing, Structural Distortion and Complex Impedance at Resonance. ChemistryOpen, 2021, 10, 798-805.	0.9	2
8	A Modified Iterative Automatic Method for Characterization at Shear Resonance: Case Study of Ba0.85Ca0.15Ti0.90Zr0.10O3 Eco-Piezoceramics. Materials, 2020, 13, 1666.	1.3	4
9	Ba1-xCaxTi0.90Zr0Â·10O3 shear properties and their frequency dependence determined from ceramic plates by an effective method for resonance decoupling. Journal of Alloys and Compounds, 2019, 806, 428-438.	2.8	8
10	A New Prospect in Road Traffic Energy Harvesting Using Lead-Free Piezoceramics. Materials, 2019, 12, 3725.	1.3	18
11	Oxygen vacancy micrometric enrichment in high-performance lead-free piezoelectric ceramic (Bi0.5Na0.5)0.94Ba0.06TiO3: A synchrotron radiation study. Journal of the European Ceramic Society, 2019, 39, 1020-1030.	2.8	2
12	Assessment of the functional properties stability in (Ba0.85Ca0.15)(Zr0.1Ti0.9)O3 piezoceramics: Huge dielectric and piezoelectric nonlinearity. Journal of Alloys and Compounds, 2019, 774, 410-417.	2.8	6
13	Advanced Synthesis on Leadâ€Free K_xNa_(1â^'x)NbO₃ Piezoceramics for Medical Imaging Applications. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700896.	0.8	15
14	Electric field effect on the microstructure and properties of Ba_{0.9}Ca_{0.1}Ti_{0.9}Zr_{0.1}O₃ (BCTZ) lead-free ceramics. Journal of Materials Chemistry A, 2018, 6, 5419-5429.	5.2	24
15	Ba_{0.9}Ca_{0.1}TiO₃: microwave-assisted hydrothermal synthesis and piezoelectric properties. Advances in Applied Ceramics, 2018, 117, 72-77.	0.6	7
16	Ecological, lead-free ferroelectrics. , 2018, , 201-219.		2
17	Electromechanical Anisotropy at the Ferroelectric to Relaxor Transition of (Bi0.5Na0.5)0.94Ba0.06TiO3 Ceramics from the Thermal Evolution of Resonance Curves. Applied Sciences (Switzerland), 2018, 8, 121.	1.3	7
18	Piezoelectric Ceramics of the (1 â^' x)Bi0.50Na0.50TiO3â€“xBa0.90Ca0.10TiO3 Lead-Free Solid Solution: Chemical Shift of the Morphotropic Phase Boundary, a Case Study for x = 0.06. Materials, 2017, 10, 736.	1.3	6

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19	Ferroelectrics under the Synchrotron Light: A Review. Materials, 2016, 9, 14.	1.3	14
20	Towards Lead-Free Piezoceramics: Facing a Synthesis Challenge. Materials, 2016, 9, 21.	1.3	93
21	Revisiting the Characterization of the Losses in Piezoelectric Materials from Impedance Spectroscopy at Resonance. Materials, 2016, 9, 72.	1.3	32
22	Optical and Piezoelectric Study of KNN Solid Solutions Co-Doped with La-Mn and Eu-Fe. Materials, 2016, 9, 805.	1.3	8
23	Analysis of the rhombohedralâ€“tetragonal symmetries coexistence in lead-free 0.94(Bi_{0.5}Na_{0.5})TiO₃â€“0.06BaTiO₃ceramics from nanopowders. Advances in Applied Ceramics, 2016, 115, 96-105.	0.6	9
24	Sub-10 Î¼m grain size, Ba_{1â^'x}Ca_xTi_{0.9}Zr_{0.1}O₃(x=) Tj ETQq0 0 0 rgBT /(and Structures, 2015, 24, 065033.	1.8	17
25	Piezoelectric ceramic materials for power ultrasonic transducers. , 2015, , 101-125.		4
26	Phase Transitions in Lead-free Piezoelectric Ceramics Monitored by the Resonance Method. Physics Procedia, 2015, 63, 61-66.	1.2	4
27	The 0.96(Bi_{0.5}Na_{0.5})TiO₃ â€“ 0.04BaTiO₃ crystal structure: A highâ€Q, highâ€counting statistics synchrotron diffraction analysis. Crystal Research and Technology, 2014, 49, 190-194.	0.6	9
28	Lead-free Ba0.9Ca0.1Ti0.9Zr0.1O3 piezoelectric ceramics processed below 1300Â°C. Journal of Alloys and Compounds, 2014, 584, 28-33.	2.8	45
29	The Global and Local Symmetries of Nanostructured Ferroelectric Relaxor 0.94(Bi0.5Na0.5)TiO3â€“ 0.06BaTiO3. Ferroelectrics, 2014, 469, 50-60.	0.3	12
30	Dielectric constant tunability at microwave frequencies and pyroelectric behavior of lead-free submicrometer-structured (Bi_{0.5}Na_{0.5})_{1-x}Ba_xTiO₃ ferroelectric ceramics. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2013, 60, 1595-1602.	1.7	17
31	Pyroelectric and dielectric properties of ferroelectric ceramics for microwave tunable devices and infrared detector applications. , 2012, , .		1
32	Fabricating ordered functional nanostructures onto polycrystalline substrates from the bottom-up. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	6
33	Anisotropy and dynamic thermal depolarization of 0.96(Bi 0.5Na0.5)TiO3-0.04 BaTiO3 lead-free piezoceramics. , 2012, , .		3
34	ModificaciÃ³n de un nanoindentador comercial para medir los ciclos de histÃ©resis ferroelectrica bajo la accion de una tensiÃ³n mecanica en capas poliscristalinas. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2012, 51, 19-23.	0.9	0
35	Multifunctional Polycrystalline Ferroelectric Materials. Springer Series in Materials Science, 2011, , .	0.4	20
36	Properties of Ferro-Piezoelectric Ceramic Materials in the Linear Range: Determination from Impedance Measurements at Resonance. Springer Series in Materials Science, 2011, , 617-649.	0.4	5

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37	Shear resonance mode decoupling to determine the characteristic matrix of piezoceramics for 3-D modeling. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2011, 58, 646-657.	1.7	33
38	Field-induced phase transition and relaxor character in submicrometer-structured lead-free (Bi_{0.5}Na_{0.5})_{0.94}Ba_{0.06}TiO₃ piezoceramics at the morphotropic phase boundary. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2011, 58, 1893-1904.	1.7	33
39	Enhanced properties for ultrasonic transduction, phase transitions and thermal depoling in 0.96(Bi_{0.5}Na_{0.5})TiO₃-0.04BaTiO₃ submicrometre-structured ceramics. Journal Physics D: Applied Physics, 2011, 44, 335404.	1.3	20
40	Microstructural effects on the phase transitions and the thermal evolution of elastic and piezoelectric properties in highly dense, submicron-structured NaNbO3 ceramics. Journal of Materials Science, 2010, 45, 1211-1219.	1.7	16
41	Piezoelectric characterization of lead-free ferroelectric ceramics. Processing and Application of Ceramics, 2010, 4, 199-207.	0.4	6
42	Thermal analysis study of diol based precursors for chemical solution deposition of 0Â·7 Pb(Mg_{1/3}Nb_{2/3})O₃-0Â·3 PbTiO₃thin films. Advances in Applied Ceramics, 2010, 109, 147-151.	0.6	5
43	Impedance measurements for determination of elastic and piezoelectric coefficients of films. Advances in Applied Ceramics, 2010, 109, 156-161.	0.6	9
44	Piezoelectric properties of lead-free submicron-structured (Bi_{0.5}Na_{0.5})_{0.94}Ba_{0.06}TiO₃ceramics from nanopowders. Smart Materials and Structures, 2010, 19, 115007.	1.8	22
45	Piezoelectric, ferroelectric Pb(Mg1/3Nb2/3)O3â€“PbTiO3 thin films with compositions around the morphotropic phase boundary prepared by a sol-gel process of reduced thermal budget. Journal of Materials Research, 2009, 24, 526-533.	1.2	10
46	Influence of the Substrate Surface on the Self-Assembly of Ferroelectric PbTiO₃Nanostructures Obtained by Microemulsion Assisted Chemical Solution Deposition. Ferroelectrics, 2009, 390, 122-129.	0.3	3
47	Ferroelectric PbTiO3 nanostructures onto Si-based substrates with size and shape control. Journal of Nanoparticle Research, 2009, 11, 1227-1233.	0.8	8
48	Quantitative microstructural analysis and piezoelectricity of highly dense, submicron-structured NaNbO3 ceramics from mechanically activated precursors. Journal of the European Ceramic Society, 2009, 29, 2297-2308.	2.8	7
49	Aurivillius-type ceramics, a class of high temperature piezoelectric materials: Drawbacks, advantages and trends. Progress in Solid State Chemistry, 2009, 37, 15-39.	3.9	64
50	Photochemical Solution Deposition of Lead-Based Ferroelectric Films: Avoiding the PbO-Excess Addition at Last. Chemistry of Materials, 2008, 20, 5731-5733.	3.2	32
51	NANOSIZE FERROELECTRIC PbTiO₃ STRUCTURES ONTO SUBSTRATES. PREPARATION BY A NOVEL BOTTOM-UP METHOD AND NANOSCOPIC CHARACTERISATION. Integrated Ferroelectrics, 2008, 99, 95-104.	0.3	7
52	Choosing the best geometries for the linear characterization of lossy piezoceramics: Study of the thickness-poled shear plate. Applied Physics Letters, 2008, 92, 172907.	1.5	10
53	Low-temperature ultraviolet sol-gel photoannealing processing of multifunctional lead-titanate-based thin films. Journal of Materials Research, 2007, 22, 1824-1833.	1.2	16
54	A non-Standard shear resonator for the matrix characterization of piezoceramics and its validation study by finite element analysis. Journal Physics D: Applied Physics, 2007, 40, 2162-2169.	1.3	26

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55	Ferroelectric self-assembled PbTiO₃perovskite nanostructures onto (100)SrTiO₃substrates from a novel microemulsion aided solâ€“gel preparation method. Nanotechnology, 2007, 18, 375603.	1.3	21
56	Microstructure and temperature dependence of properties of morphotropic phase boundary Bi(Mg1/2Ti1/2)O3-PbTiO3 piezoceramics processed by conventional routes. Journal of the European Ceramic Society, 2007, 27, 237-245.	2.8	31
57	Elastic instability of the nano-structured state as an intrinsic probe to study the early formation stages of solâ€“gel derived (Pb1-xCax)TiO3 thin films. Applied Physics A: Materials Science and Processing, 2007, 89, 967-973.	1.1	3
58	Preliminary results on sol-gel processing of âŒ©100âŒª oriented Pb(Mg1/3Nb2/3)O3-PbTiO3 thin films using diol-based solutions. Journal of Sol-Gel Science and Technology, 2007, 42, 331-336.	1.1	33
59	Key issues in the characterization of porous PZT based ceramics with morphotropic phase boundary composition. Journal of Electroceramics, 2007, 19, 413-418.	0.8	13
60	Study by laser interferometry of the resonance modes of the shear plate used in the standards characterization of piezoceramics. Journal of Electroceramics, 2007, 19, 437-442.	0.8	12
61	Resonance Modes in the Standard Characterization of Ferro-Piezoceramic Samples: A Discussion Based on Modelling by Finite Element Analysis. Ferroelectrics, 2006, 336, 181-190.	0.3	10
62	Processing by mechanosynthesis and properties of piezoelectric Pb(Mg1/3Nb2/3)O3â€“PbTiO3 with different compositions. Acta Materialia, 2006, 54, 501-511.	3.8	70
63	Iterative Method in the Characterization of Piezoceramics of Industrial Interest. Advances in Science and Technology, 2006, 45, 2448-2458.	0.2	6
64	FerroelÃ©ctricos sobre silicio preparados por mÃ©todos de depÃ³sito quÃmico de disoluciones: de la lÃ¡mina delgada a los sistemas auto-ensamblados. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2006, 45, 126-131.	0.9	2
65	Similarity and Diversity in Policymaking. International Studies Review, 2005, 7, 455-459.	0.8	11
66	Tailoring of the functional properties of solâ€“gel films on Pt/TiO2/SiO2/(100)Si substrates: (Pb,La)TiO3/(Pb,Ca)TiO3 multilayer heterostructures. Applied Physics A: Materials Science and Processing, 2005, 80, 369-376.	1.1	15
67	Direct characterization of nanoscale domain switching and local piezoelectric loops of (Pb,La)TiO3 thin films by piezoresponse force microscopy. Applied Physics A: Materials Science and Processing, 2005, 81, 1207-1212.	1.1	6
68	Ferroelectricity in Aurivillius-Type Structure Ceramics with n = 2 and (SrBi2Nb2O9)0.35(Bi3TiNbO9)0.65 Composition. Journal of Electroceramics, 2005, 15, 243-250.	0.8	8
69	Resonance modes in the standard piezoceramic shear geometry: A discussion based on finite element analysis. European Physical Journal Special Topics, 2005, 128, 207-211.	0.2	11
70	(Pb,La)TiO3âˆ•(Pb,Ca)TiO3 ferroelectric heterostructures for nonvolatile memories. Applied Physics Letters, 2005, 86, 042905.	1.5	10
71	Enhancement of the 90Â° domain-wall mobility in sol-gel (Pb,La)TiO3 thin films prepared by multiple deposition and crystallization. Journal of Applied Physics, 2005, 98, 024117.	1.1	3
72	Microstructure and texture dependence of the dielectric anomalies and dc conductivity of Bi3TiNbO9 ferroelectric ceramics. Journal of Applied Physics, 2005, 97, 084103.	1.1	39

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73	Transition between the relaxor and ferroelectric states for (1â^'x)Pb(Mg1â^•3Nb2â^•3)O3â€“xPbTiO3 with x=0.2 and 0.3 polycrystalline aggregates. Applied Physics Letters, 2005, 87, 082910.	1.5	28
74	(Pb,Ca)TiO3â^•(Pb,La)TiO3â^•(Pb,Ca)TiO3 heterostructure characterized as ferroelectric multifunctional material. Journal of Applied Physics, 2005, 97, 034108.	1.1	10
75	Electric Anomalies and Their Relation with the Thermal Evolution of the Planar Resonance in Aurivillius-Type Structure Piezoceramics. Journal of the Electrochemical Society, 2005, 152, F1.	1.3	3
76	Temperature dependence of piezoelectric, elastic and dielectric coefficients at radial resonance of piezoceramics with an Aurivillius-type structure. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2005, 52, 570-577.	1.7	40
77	Effect of mechanochemical activation on the synthesis of NaNbO3 and processing of environmentally friendly piezoceramics. Journal of Alloys and Compounds, 2005, 395, 166-173.	2.8	34
78	Sequence of Phase Transitions of Li-Na Niobate Solid Solutions in the High Temperature Region. , 2005, , 265-270.		0
79	Reduced dielectric dispersion in ferroelectric (Pb,La)TiO3/(Pb,Ca)TiO3 thin-film multilayer heterostructures due to a mechanical stress relaxation mechanism. Applied Physics Letters, 2004, 84, 4161-4163.	1.5	10
80	Method for Obtaining the Full Set of Linear Electric, Mechanical, and Electromechanical Coefficients and All Related Losses of a Piezoelectric Ceramic. Journal of the American Ceramic Society, 2004, 87, 209-215.	1.9	86
81	Compositional and structural study of ferroelectric multilayer (Pb,La)TiO3/(Pb,Ca)TiO3 solâ€“gel thin films. Journal of the European Ceramic Society, 2004, 24, 1615-1619.	2.8	8
82	Sodium niobate ceramics prepared by mechanical activation assisted methods. Journal of the European Ceramic Society, 2004, 24, 941-945.	2.8	55
83	Compositional evolution of structural phase transitions in sodium niobates. Journal of the European Ceramic Society, 2004, 24, 1521-1524.	2.8	8
84	Piezoelectric PMN-PT ceramics from mechanochemically activated precursors. Journal of the European Ceramic Society, 2004, 24, 937-940.	2.8	38
85	Electromechanical properties of SBN/BTN Aurivillius-type ceramics up to the transition temperature. Journal of the European Ceramic Society, 2004, 24, 1687-1691.	2.8	12
86	Low-Temperature Processing of Ferroelectric Thin Films Compatible with Silicon Integrated Circuit Technology. Advanced Materials, 2004, 16, 1620-1624.	11.1	98
87	Improvement by recrystallisation of Aurivillius-type structure piezoceramics from mechanically activated precursors. Acta Materialia, 2004, 52, 945-957.	3.8	36
88	PiezocerÃ¡micas de niobato de sodio y litio preparadas por mÃ©todos asistidos de activaciÃ³n mecanoquÃmica. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2004, 43, 30-34.	0.9	3
89	Dependencia con la temperatura de las propiedades elÃ©ctricas, mecÃ¡nicas y electromecÃ¡nicas de nuevas piezocerÃ¡micas de alta sensibilidad. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2004, 43, 540-543.	0.9	4
90	Texture Development in Modified Lead Titanate Thin Films Obtained by Chemical Solution Deposition on Siliconâ€Based Substrates. Journal of the American Ceramic Society, 2003, 86, 1571-1577.	1.9	41

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91	Photo-sensitive solâ€“gel solutions for the low-temperature UV-assisted processing of PbTiO3based ferroelectric thin films. Journal of Materials Chemistry, 2003, 13, 1451-1457.	6.7	42
92	Rayleigh type behavior of the Young's modulus of unpoled ferroelectric ceramics and its dependence on temperature. Applied Physics Letters, 2003, 83, 2641-2643.	1.5	31
93	Piezoceramics from the Solid Solution SBN/BTN: Microstructure and Electromechanical Properties. Ferroelectrics, 2003, 293, 231-236.	0.3	0
94	Effects of substrate annealing and post-crystallization thermal treatments on the functional properties of preferentially oriented (Pb,Ca)TiO3 thin films. Journal of Applied Physics, 2003, 93, 4081-4090.	1.1	32
95	High-temperature ferroelastic phase transitions in Liâ€“Na niobate compounds. Applied Physics Letters, 2003, 82, 3940-3942.	1.5	12
96	Stress-induced suppression of piezoelectric properties in PbTiO3:La thin films via scanning force microscopy. Applied Physics Letters, 2003, 82, 2127-2129.	1.5	67
97	Novel UV-assisted Rapid Thermal Annealing of Ferroelectric Materials. , 2003, , 75-82.		1
98	Microstructure and Local Piezoelectric Properties of (Pb,Ca)TiO 3 Thin Films. Ferroelectrics, 2003, 296, 229-237.	0.3	4
99	Ferroelectricity of Sol-Gel Thin Film Multilayer Heterostructures of Modified PbTiO 3 onto Si-Based Substrates. Ferroelectrics, 2003, 293, 209-216.	0.3	2
100	Synthesis and Characterization of Sr 2 [Sr nâ¯1 Ti n O 3n+1] Series by Mechanochemical Activation. Ferroelectrics, 2002, 268, 399-404.	0.3	3
101	Photo-Activated Ca-PbTiO 3 Solutions for the Preparation of Films at Low Temperatures. Ferroelectrics, 2002, 271, 45-50.	0.3	5
102	High Pyroelectric Coefficients of Ca-Modified Lead Titanate Sol-Gel Thin Films Obtained by Multiple Deposition and Crystallization. Ferroelectrics, 2002, 271, 385-390.	0.3	5
103	Texture and Microstucture Control in (SrBi 2 Nb 2 O 9) 1â¯x (Bi 3 TiNbO 9) x Ceramics. Ferroelectrics, 2002, 270, 9-14.	0.3	6
104	Ca and La-Modified Lead Titanate Sol-Gel Thin Films by UV-Assisted Processing for Piezoelectric Sensors. Ferroelectrics, 2002, 267, 335-340.	0.3	7
105	Low temperature preparation of piezoelectric thin films by ultraviolet-assisted rapid thermal processing. Materials Science in Semiconductor Processing, 2002, 5, 77-83.	1.9	12
106	A layer of reduced switchable polarisation in (Pb,La)TiO3 films leading to a thickness dependence of the ferroelectric parameters. Journal of Physics and Chemistry of Solids, 2002, 63, 471-481.	1.9	6
107	Estudio dielÃ©ctrico de cerÃ¡micas de textura y microestructura controladas con composiciones (SrBi₂Nb₂O₉)_{1-x}(Bi₃TiNbO₉)_x. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2002, 41, 40-44.	0.9	3
108	EvoluciÃ³n microestructural durante la transformaciÃ³n de la estructura pirocloro en perovskita en lÃ¡minas de (Pb,La)TiO₃. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2002, 41, 98-101.	0.9	3

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109	Dependencia con el espesor de las propiedades ferroelÃ©ctricas de lÃ¡minas con orientaciÃ³n preferente sobre substratos basados en silicio. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2002, 41, 36-39.	0.9	1
110	Mechanical characterisation of ferroelectric thin films for MEMS. Integrated Ferroelectrics, 2001, 32, 83-92.	0.3	8
111	Dielectric and mechanoelastic relaxations due to point defects in layered bismuth titanate ceramics. Journal of Physics Condensed Matter, 2001, 13, 7315-7326.	0.7	52
112	Electric and ferro-piezoelectric properties of (SBN) 1â^'x (BTN) x ceramics obtained from amorphous precursors. Journal of Physics and Chemistry of Solids, 2001, 62, 951-958.	1.9	24
113	Piezoelectric ceramics based on Bi3TiNbO9 from mechanochemically activated precursors. Journal of the European Ceramic Society, 2001, 21, 1399-1402.	2.8	49
114	Microcharacterisation of grain-oriented ceramics based on Bi3TiNbO9 obtained from mechanochemically activated precursors. Journal of the European Ceramic Society, 2001, 21, 1403-1407.	2.8	28
115	Effect of the substrate heterostructure on the texture of lanthanum modified lead titanate thin films. Journal of the European Ceramic Society, 2001, 21, 1529-1533.	2.8	12
116	Pyroelectricity of spontaneously poled La-modified lead titanate thin films on silicon based substrates. Journal of the European Ceramic Society, 2001, 21, 1593-1596.	2.8	8
117	Study of the Process of Mechanochemical Activation to Obtain Aurivillius Oxides with n=1. Journal of Solid State Chemistry, 2001, 160, 54-61.	1.4	57
118	Thermal and electrical behavior of Î³-Bi2VO5.5 and f-Bi2VO5 oxides obtained from mechanochemically activated precursors. Materials Research Bulletin, 2001, 36, 1277-1286.	2.7	8
119	Stress-induced depolarization of (Pb,â€ŠLa)TiO3 ferroelectric thin films by nanoindentation. Applied Physics Letters, 2001, 79, 3830-3832.	1.5	30
120	Spontaneous pyro- and piezoelectricity of sol-gel La-modified lead titanate thin films. Integrated Ferroelectrics, 2001, 35, 77-86.	0.3	14
121	Oriented growth of sol-gel-modified PbTiO3 thin films on Si-based substrates. Surface and Interface Analysis, 2000, 29, 325-329.	0.8	14
122	(Bi3TiNbO9)x(SrBi2Nb2O9)1â^'x aurivillius type structure piezoelectric ceramics obtained from mechanochemically activated oxides. Acta Materialia, 2000, 48, 2421-2428.	3.8	105
123	Improvement of calcium modified lead titanate piezoceramics by hot isostatic pressing. Journal of the European Ceramic Society, 2000, 20, 1677-1686.	2.8	1
124	Quantitative analysis of preferential orientation components of ferroelectric thin films. Ferroelectrics, 2000, 241, 167-174.	0.3	25
125	Influence of the preparation on the microstructure and ferroelectricity of the (SBN)1â^'x(BTN)xceramics. Ferroelectrics, 2000, 241, 279-286.	0.3	14
126	Room temperature stabilisation of Î³â€Bi2VO5.5 and synthesis of the new fluorite phase fâ€Bi2VO5 by a mechanochemical activation method. Journal of Materials Chemistry, 2000, 10, 767-771.	6.7	49

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127	Oriented growth of solâ€“gelâ€modified PbTiO3 thin films on Siâ€based substrates. Surface and Interface Analysis, 2000, 29, 325-329.	0.8	1
128	Ferroelectric Materials Based on Lead Titanate. , 1999, , 457-499.		3
129	Pyrochlore-to-perovskite transformation during rapid heating of sol-gel (Pb,La)TiO3 thin films. Journal of Materials Research, 1999, 14, 4302-4306.	1.2	8
130	The effect of film thickness on the ferroelectric properties of solâ€“gel prepared lanthanum modified lead titanate thin films. Journal of the European Ceramic Society, 1999, 19, 1481-1484.	2.8	11
131	Microstructure-ferroelectric properties relationships in solâ€“gel prepared lanthanum modified lead titanate thin films. Journal of the European Ceramic Society, 1999, 19, 1501-1505.	2.8	6
132	Ferroelectricity of lanthanum-modified lead titanate thin films obtained by a diol-based sol-gel method. Applied Physics A: Materials Science and Processing, 1999, 68, 583-592.	1.1	20
133	Synthesis and sintering improvement of Aurivillius type structure ferroelectric ceramics by mechanochemical activation. Journal of Materials Chemistry, 1999, 9, 1313-1317.	6.7	60
134	Combined effect of grain size and tensile stresses on the ferroelectric properties of sol-gel (Pb,La)TiO₃ thin films. Journal of Materials Research, 1999, 14, 4570-4580.	1.2	27
135	Influencia del substrato sobre las propiedades ferroelÃ©ctricas de lÃ¡minas delgadas de PTCa. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 1999, 38, 482-486.	0.9	3
136	Microestructura y piezoelectricidad de cerÃ¡micas de Bi₃TiNbO₉ obtenidas a partir de precursores activados mecanoquimicamente. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 1999, 38, 563-567.	0.9	5
137	LÃ¡minas delgadas ferroelÃ©ctricas de titanato de plomo modificado con un 20% de lantano. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 1999, 38, 468-471.	0.9	0
138	CaracterizaciÃ³n de lÃ¡minas delgadas ferroelÃ©ctricas por nanoidentaciÃ³n. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 1999, 38, 446-450.	0.9	0
139	Title is missing!. Journal of Sol-Gel Science and Technology, 1998, 13, 837-841.	1.1	33
140	Microstructural studies of sol-gel processed Sm-modified lead titanate thin films. Journal of Physics and Chemistry of Solids, 1998, 59, 151-157.	1.9	17
141	Solution processing and crystallization of ferroelectric samarium modified lead titanate thin films. Journal of Materials Chemistry, 1998, 8, 111-118.	6.7	9
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