# Carmen Galassi

List of Publications by Year
in descending order

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| 196 | 4,432 | 117571 | 155592 |
|---|---|---|---|
| papers | citations | 34 h-index | 55 g-index |

| 200 | 200 | 200 | 3915 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Direct Inkjet Printing of Digitally Designed 2D TiN Patterns. Coatings, 2022, 12, 729. | 1.2 | 2 |
| 2 | Additive manufacturing of lead-free KNN by binder jetting. Journal of the European Ceramic Society, 2022, 42, 5598-5605. | 2.8 | 9 |
| 3 | How to Make Porous Piezoelectrics? Review on Processing Strategies. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 217-228. | 1.7 | 17 |
| 4 | 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. | 2.8 | 19 |
| 5 | High photocatalytic efficiency of inkjet printed patterns by formulation of eco-friendly TiO2-based inks. Open Ceramics, 2021, 8, 100197. | 1.0 | 1 |
| 6 | A Glance at Processing-Microstructure-Property Relationships for Magnetoelectric Particulate PZT-CFO Composites. Materials, 2020, 13, 2592. | 1.3 | 6 |
| 7 | Lead-Free BNTâ€“BT0.08/CoFe2O4 Coreâ€“Shell Nanostructures with Potential Multifunctional Applications. Nanomaterials, 2020, 10, 672. | 1.9 | 9 |
| 8 | Performance Testing of a Piezoelectric Device for Extracting Energy from Vibrations. Lecture Notes in Electrical Engineering, 2020, , 419-431. | 0.3 | 0 |
| 9 | Multiferroic (Nd,Fe)-doped PbTiO3 ceramics with coexistent ferroelectricity and magnetism at room temperature. Ceramics International, 2019, 45, 9390-9396. | 2.3 | 14 |
| 10 | Multiferroic (Nd,Fe)-doped PbTiO3 thin films obtained by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2019, 125, 1. | 1.1 | 2 |
| 11 | Semiconductor water-based inks: Miniaturized NiO pseudocapacitor electrodes by inkjet printing. Journal of the European Ceramic Society, 2019, 39, 2908-2914. | 2.8 | 26 |
| 12 | 3D Printing of Photocatalytic Filters Using a Biopolymer to Immobilize TiO<sub>2</sub>Nanoparticles. Journal of the Electrochemical Society, 2019, 166, H3239-H3248. | 1.3 | 54 |
| 13 | Damage from Coexistence of Ferroelectric and Antiferroelectric Domains and Clustering of O Vacancies in PZT: An Elastic and Raman Study. Materials, 2019, 12, 957. | 1.3 | 8 |
| 14 | Magnetoelectric dual-particulate composites with wasp-waisted magnetic response for broadband energy harvesting. Journal of Alloys and Compounds, 2019, 783, 237-245. | 2.8 | 11 |
| 15 | Composite BNT-BT0.08/CoFe2O4 with core-shell nanostructure for piezoelectric and ferromagnetic applications. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 240, 7-15. | 1.7 | 9 |
| 16 | Piezoelectric/ferromagnetic BNT-BT0.08/CoFe2O4 coaxial coreâ€“shell composite nanotubes for nanoelectronic devices. Journal of Alloys and Compounds, 2018, 752, 381-388. | 2.8 | 9 |
| 17 | Synthesis and characterization of CoFe 2 O 4 /BNT-BT 0.08 coreâ€“shell nanotubes by a template based sol-gel method. Ceramics International, 2018, 44, 10813-10819. | 2.3 | 8 |
| 18 | Synthesis and characterization of novel ferriteâ€“piezoelectric multiferroic coreâ€“shell-type structure. Journal of Materials Science, 2018, 53, 9650-9661. | 1.7 | 2 |

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|---|---|---|---|
| 19 | Field induced metastable ferroelectric phase in Pb0.97La0.03(Zr0.90Ti0.10)0.9925O3 ceramics. Journal of the European Ceramic Society, 2018, 38, 1479-1487. | 2.8 | 6 |
| 20 | Probing the dielectric, piezoelectric and magnetic behavior of CoFe2O4/BNT-BT0.08 composite thin film fabricated by sol-gel and spin-coating methods. Scientific Reports, 2018, 8, 17883. | 1.6 | 10 |
| 21 | 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. | 1.3 | 13 |
| 22 | Electric and magnetic properties of ferromagnetic/piezoelectric bilayered composite. Journal of Materials Science, 2018, 53, 14160-14171. | 1.7 | 5 |
| 23 | Role of the pore interconnectivity on the dielectric, switching and tunability properties of PZTN ceramics. Ceramics International, 2017, 43, 5767-5773. | 2.3 | 28 |
| 24 | Field-induced antiferroelectric to ferroelectric transitions in (Pb1â€“xLax)(Zr0.90Ti0.10)1â€“x/4O3 investigated by in situ X-ray diffraction. Journal of the European Ceramic Society, 2017, 37, 4631-4636. | 2.8 | 23 |
| 25 | Easy batch-scale production of cobalt ferrite nanopowders by two-step milling: Structural and magnetic characterization. Materials and Design, 2017, 130, 327-335. | 3.3 | 18 |
| 26 | Polarization-switching dynamics in bulk ferroelectrics with isometric and oriented anisometric pores. Journal Physics D: Applied Physics, 2017, 50, 045303. | 1.3 | 28 |
| 27 | Porosityâ€dependent properties of Nbâ€doped Pb(Zr,Ti)O<sub>3</sub> ceramics. Journal of the American Ceramic Society, 2017, 100, 647-658. | 1.9 | 40 |
| 28 | PZT-cobalt ferrite particulate composites: Densification and lead loss controlled by quite-fast sintering. Journal of the European Ceramic Society, 2017, 37, 161-168. | 2.8 | 13 |
| 29 | Encapsulation of Piezoelectric Transducers for Sensory Augmentation and Substitution with Wearable Haptic Devices. Micromachines, 2017, 8, 270. | 1.4 | 23 |
| 30 | Antiferroelectric to Ferroelectric Crossover and Energy Storage Properties of (Pb<sub>1â^'x</sub>La<sub>x</sub>)(Zr<sub>0.90</sub>Ti<sub>0.10</sub>)<sub>1â^'x/4</sub>O<sub>3</sub> (0.02 â‰¤ x â‰¤ 0.04) Ceramics. Journal of the American Ceramic Society, 2016, 99, 2382-2387. | 1.9 | 70 |
| 31 | Periodic substructure for multi-frequency energy harvesting with single piezoelectric patch. , 2016, , . | | 0 |
| 32 | Elastic aging from coexistence and transformations of ferroelectric and antiferroelectric states in PZT. Journal of Applied Physics, 2016, 120, . | 1.1 | 5 |
| 33 | Analytical Modeling and Experimental Verification of a S-Shaped Vibration Energy Harvester. , 2016, , . | | 4 |
| 34 | A comparative study of hard/soft PZT-based ceramic composites. Ceramics International, 2016, 42, 9125-9132. | 2.3 | 33 |
| 35 | Processing and characterization of screen printing Ba0.5Sr0.5Co0.8Fe0.2O3â^Î´ inks. Bulletin of Materials Science, 2016, 39, 559-567. | 0.8 | 1 |
| 36 | Novel magnetodielectric cobalt ferriteâ€“titaniaâ€“silica ceramic composites with tunable dielectric properties. Ceramics International, 2016, 42, 16650-16654. | 2.3 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Novel multiferroic (Pb1â^'3x/2Ndx)(Ti0.98â^'yFeyMn0.02)O3 ceramics with coexisting ferroelectricity and ferromagnetism at ambient temperature. Materials and Design, 2016, 110, 693-704. | 3.3 | 16 |
| 38 | Multiple parallel twinning overgrowth in nanostructured dense cobalt ferrite. Materials and Design, 2016, 109, 19-26. | 3.3 | 9 |
| 39 | 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</mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 93, . | 1.1 | 18 |
| 40 | Design and preliminary evaluation of haptic devices for upper limb stimulation and integration within a virtual reality cave. , 2016, , . | | 1 |
| 41 | Microstructure development in novel titaniaâ€“cobalt ferrite ceramic materials. Ceramics International, 2016, 42, 2634-2641. | 2.3 | 6 |
| 42 | Bilayer thick structures based on CoFe2O4/TiO2 composite and niobium-doped PZT obtained by electrophoretic deposition. Journal of the European Ceramic Society, 2016, 36, 373-380. | 2.8 | 4 |
| 43 | Dielectric characterization of Ba x Sr 1â^'x Fe 12 O 19 ( x =0.05â^'0.35) ceramics. Ceramics International, 2016, 42, 1050-1056. | 2.3 | 5 |
| 44 | The influence of post-sintering re-oxidation treatment on dielectric response of dense and porous Ba0.70Sr0.30TiO3 ceramics. Ceramics International, 2016, 42, 527-536. | 2.3 | 14 |
| 45 | CoFe 2 O 4 magnetic ceramic derived from gel and densified by spark plasma sintering. Journal of Alloys and Compounds, 2016, 656, 854-862. | 2.8 | 31 |
| 46 | Heating rate dependence of anatase to rutile transformation. Processing and Application of Ceramics, 2016, 10, 235-241. | 0.4 | 19 |
| 47 | 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 |
| 48 | Study of the role of porosity on the functional properties of (Ba,Sr)TiO 3 ceramics. Journal of Alloys and Compounds, 2015, 643, 79-87. | 2.8 | 42 |
| 49 | Titania-cobalt ferrite ceramic composites for high frequency magnetic applications. , 2015, , . | | 1 |
| 50 | 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, . | 1.1 | 18 |
| 51 | Preparation and properties of La doped PZT 90/10 ceramics across the ferroelectricâ€“antiferroelectric phase boundary. Journal of Alloys and Compounds, 2015, 646, 16-22. | 2.8 | 19 |
| 52 | Phase Transitions in Lead-free Piezoelectric Ceramics Monitored by the Resonance Method. Physics Procedia, 2015, 63, 61-66. | 1.2 | 4 |
| 53 | Synthesis, Structural and Electrical Properties of BNT-BTCe@SiO<SUB>2</SUB> Coreâ€“Shell Heterostructure. Science of Advanced Materials, 2015, 7, 2297-2305. | 0.1 | 5 |
| 54 | Using multi-walled carbon nanotubes in spark plasma sintered Pb(Zr0.47Ti0.53)O3 ceramics for tailoring dielectric and tunability properties. Journal of Applied Physics, 2014, 116, . | 1.1 | 14 |

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|---|---|---|---|
| 55 | The 0.96(Bi<sub>0.5</sub>Na<sub>0.5</sub>)TiO<sub>3</sub> â€“ 0.04BaTiO<sub>3</sub> crystal structure: A highâ€Q, highâ€counting statistics synchrotron diffraction analysis. Crystal Research and Technology, 2014, 49, 190-194. | 0.6 | 9 |
| 56 | 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, . | 1.5 | 67 |
| 57 | Effects of coupling between octahedral tilting and polar modes on the phase diagram of the ferroelectric perovskites PbZr<sub>1â^'x</sub>Ti<sub>x</sub>O<sub>3</sub>and (Na<sub>1/2</sub>Bi<sub>1/2</sub>)<sub>1â^'x</sub>Ba<sub>x</sub>TiO<sub>3</sub>. | 0.6 | 8 |
| 58 | 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>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:mi>Ti</mml:mi><mml:msub><mml:mi>O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 89, . | 1.1 | 12 |
| 59 | Pulsed laser deposition of lead-free (Na0.5Bi0.5)1â^'xBaxTiO3 ferroelectric thin films with enhanced dielectric properties. Applied Surface Science, 2013, 278, 162-165. | 3.1 | 24 |
| 60 | 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 /><mml: | 1.1 | 14 |
| 61 | Electro-optic and dielectric properties of epitaxial Pb1â^'3x/2LaxZr0.2Ti0.8O3 thin films obtained by pulsed laser deposition. Thin Solid Films, 2013, 541, 127-130. | 0.8 | 4 |
| 62 | Magnetic properties of BaxSr1â^'xFe12O19 (x=0.05â€“0.35) ferrites prepared by different methods. Journal of Alloys and Compounds, 2013, 561, 121-128. | 2.8 | 68 |
| 63 | Ferroelectric and dielectric properties of ferrite-ferroelectric ceramic composites. Journal of Applied Physics, 2013, 113, . | 1.1 | 60 |
| 64 | 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>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 | 1.1 | 36 |
| 65 | Smearing of field induced ferroelectric transition and easy imprinting of different polarization configurations in relaxor ferroelectric (Na1/2Bi1/2)1â^'xBaxTiO3. Applied Physics Letters, 2013, 102, 162902. | 1.5 | 7 |
| 66 | Numerical and experimental characterization of a button-shaped miniaturized UHF antenna on magneto-dielectric substrate. International Journal of Microwave and Wireless Technologies, 2013, 5, 231-239. | 1.5 | 7 |
| 67 | Investigation of low field dielectric properties of anisotropic porous Pb(Zr,Ti)O3 ceramics: Experiment and modeling. Journal of Applied Physics, 2013, 114, . | 1.1 | 21 |
| 68 | Low field permittivity of ferroelectric-ferrite ceramic composites: Experiment and modeling. Journal of Applied Physics, 2012, 112, . | 1.1 | 13 |
| 69 | Tailoring non-linear dielectric properties by local field engineering in anisotropic porous ferroelectric structures. Applied Physics Letters, 2012, 100, . | 1.5 | 41 |
| 70 | New broadband button-shaped antenna on innovative magneto-dielectric material for wearable applications. , 2012, , . | | 4 |
| 71 | Anisotropy and dynamic thermal depolarization of 0.96(Bi 0.5Na0.5)TiO3-0.04 BaTiO3 lead-free piezoceramics. , 2012, , . | | 3 |
| 72 | High-field dielectric properties and Raman spectroscopic investigation of the ferroelectric-to-relaxor crossover in BaSnxTi1â^'xO3 ceramics. Journal of Applied Physics, 2012, 111, . | 1.1 | 91 |

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|---|---|---|---|
| 73 | Exploitation of a novel magneto-dielectric substrate for miniaturization of wearable UHF antennas. Materials Letters, 2012, 87, 127-130. | 1.3 | 16 |
| 74 | Electric-field-induced and spontaneous relaxor-ferroelectric phase transitions in (Na1/2Bi1/2)1â€‰â^'â€‰xBaxTiO3. Journal of Applied Physics, 2012, 112, . | 1.1 | 88 |
| 75 | Preparation and properties of nanocrystalline BNT-BTx piezoelectric ceramics by sol-gel and spark plasma sintering. Current Applied Physics, 2012, 12, 1100-1105. | 1.1 | 31 |
| 76 | Sharp silicon/lead zirconate titanate interfaces by electrophoretic deposition on bare silicon wafers and post-deposition sintering. Sensors and Actuators A: Physical, 2012, 174, 123-132. | 2.0 | 8 |
| 77 | Electrical and optical investigations on Pb1â^'3x/2LaxZr0.2Ti0.8O3 thin films obtained by radiofrequency assisted pulsed laser deposition. Thin Solid Films, 2012, 520, 4568-4571. | 0.8 | 4 |
| 78 | Dielectric and piezoelectric behaviors of NBT-BT0.05 processed by solâ€“gel method. Journal of the European Ceramic Society, 2012, 32, 133-139. | 2.8 | 43 |
| 79 | Structural, dielectric, and piezoelectric properties of fine-grained NBTâ€“BT0.11 ceramic derived from gel precursor. Journal of the European Ceramic Society, 2012, 32, 2389-2397. | 2.8 | 18 |
| 80 | Preparation and magnetoelectric properties of NiFe2O4â€“PZT composites obtained in-situ by gel-combustion method. Journal of the European Ceramic Society, 2012, 32, 3325-3337. | 2.8 | 79 |
| 81 | Investigation of the composition-dependent properties of BaTi1â^'xZrxO3 ceramics prepared by the modified Pechini method. Journal of the European Ceramic Society, 2012, 32, 3551-3566. | 2.8 | 82 |
| 82 | Spark-plasma-sintering temperature dependence of structural and piezoelectric properties of BNTâ€“BT0.08 nanostructured ceramics. Journal of Materials Science, 2012, 47, 3669-3673. | 1.7 | 12 |
| 83 | Advances in Processing of Bulk Ferroelectric Materials. Springer Series in Materials Science, 2011, , 1-37. | 0.4 | 6 |
| 84 | Field-induced phase transition and relaxor character in submicrometer-structured lead-free (Bi<sub>0.5</sub>Na<sub>0.5</sub>)<sub>0.94</sub>Ba<sub>0.06</sub>TiO<sub>3</sub> piezoceramics at the morphotropic phase boundary. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2011, 58, 1893-1904. | 1.7 | 33 |
| 85 | Octahedral tilting, monoclinic phase and the phase diagram of PZT. Journal of Physics Condensed Matter, 2011, 23, 415901. | 0.7 | 34 |
| 86 | Influence of carbon black on slurry compositions for tape cast porous piezoelectric ceramics. Ceramics International, 2011, 37, 2143-2149. | 2.3 | 14 |
| 87 | Raman spectroscopic study of phase transitions in undoped morphotropic PbZr<sub>1â^'x</sub>Ti<sub>x</sub>O<sub>3</sub>. Journal of Raman Spectroscopy, 2011, 42, 488-495. | 1.2 | 71 |
| 88 | Enhanced properties for ultrasonic transduction, phase transitions and thermal depoling in 0.96(Bi<sub>0.5</sub>Na<sub>0.5</sub>)TiO<sub>3</sub>-0.04BaTiO<sub>3</sub> submicrometre-structured ceramics. Journal Physics D: Applied Physics, 2011, 44, 335404. | 1.3 | 20 |
| 89 | Impedance spectroscopy study of relaxor ferroelectric PLZT thin films obtained by PLD and RF-PLD. IOP Conference Series: Materials Science and Engineering, 2010, 8, 012003. | 0.3 | 2 |
| 90 | Parametric Study of a Piezoceramic Patch Actuator for Proportional Velocity Feedback Control Loop. Journal of Vibration and Acoustics, Transactions of the ASME, 2010, 132, . | 1.0 | 13 |

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| 91 | Lead-free ferroelectric thin films obtained by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2010, 101, 747-751. | 1.1 | 10 |
| 92 | Flow properties of PLZTN aqueous suspensions for tape casting. Ceramics International, 2010, 36, 1687-1696. | 2.3 | 23 |
| 93 | Dielectric and piezoelectric properties of PZT ceramics with anisotropic porosity. Journal of Electroceramics, 2010, 24, 170-176. | 0.8 | 21 |
| 94 | Magnetoelectric ceramic composites with double-resonant permittivity and permeability in GHz range: A route towards isotropic metamaterials. Scripta Materialia, 2010, 62, 610-612. | 2.6 | 26 |
| 95 | An analysis of current transients during electrophoretic deposition (EPD) from colloidal TiO2 suspensions. Journal of Colloid and Interface Science, 2010, 347, 102-111. | 5.0 | 27 |
| 96 | Tape cast porosity-graded piezoelectric ceramics. Journal of the European Ceramic Society, 2010, 30, 1461-1467. | 2.8 | 20 |
| 97 | Electrical investigations of holmium-doped BaTiO<sub>3</sub> derived from sol-gel combustion. Journal of Materials Research, 2010, 25, 1057-1063. | 1.2 | 10 |
| 98 | Characterisation and electroacoustic modelling of porous piezoceramics with graded porosity for ultrasonic transducer applications. Advances in Applied Ceramics, 2010, 109, 184-188. | 0.6 | 1 |
| 99 | Piezoelectric properties of lead-free submicron-structured (Bi<sub>0.5</sub>Na<sub>0.5</sub>)<sub>0.94</sub>Ba<sub>0.06</sub>TiO<sub>3</sub>ceramics from nanopowders. Smart Materials and Structures, 2010, 19, 115007. | 1.8 | 22 |
| 100 | Solâ€“gel synthesis and characterization of BaTiO3-doped (Bi0.5Na0.5)TiO3 piezoelectric ceramics. Journal of Alloys and Compounds, 2010, 490, 690-694. | 2.8 | 102 |
| 101 | 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, . | 1.1 | 175 |
| 102 | In situ preparation of CoFe2O4â€“Pb(ZrTi)O3 multiferroic composites by gel-combustion technique. Journal of the European Ceramic Society, 2009, 29, 2807-2813. | 2.8 | 55 |
| 103 | Preparation and properties of the CoFe2O4â€“Nbâ€“Pb(Zr,Ti)O3 multiferroic composites prepared in situ by gel-combustion method. Journal of Alloys and Compounds, 2009, 485, 372-378. | 2.8 | 27 |
| 104 | Influence of the synthesis route on the properties of BNBT ceramics. Processing and Application of Ceramics, 2009, 3, 73-78. | 0.4 | 8 |
| 105 | Solâ€“gel combustion synthesis of BNBT powders. Journal of Sol-Gel Science and Technology, 2008, 46, 39-45. | 1.1 | 63 |
| 106 | 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. | 1.9 | 6 |
| 107 | Nano-Sized Ceramic Inks for Drop-on-Demand Ink-Jet Printing in Quadrichromy. Journal of Nanoscience and Nanotechnology, 2008, 8, 1979-1988. | 0.9 | 46 |
| 108 | Aging, Memory and Oxygen Vacancies in PLZT. Ferroelectrics, 2007, 353, 78-86. | 0.3 | 7 |

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|---|---|---|---|
| 109 | Low-Temperature Phase Transformations ofPbZr1âˆ'xTixO3in the Morphotropic Phase-Boundary Region. Physical Review Letters, 2007, 98, 255701. | 2.9 | 45 |
| 110 | Hysteresis and tunability characteristics of Ba(Zr,Ti)O3 ceramics described by First Order Reversal Curves diagrams. Journal of the European Ceramic Society, 2007, 27, 3723-3726. | 2.8 | 30 |
| 111 | Ba(Ti1?xSnx)O3(x=0.13) Dielectric Ceramics Prepared by Coprecipitation. Journal of the American Ceramic Society, 2007, 90, 1728-1732. | 1.9 | 18 |
| 112 | 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 |
| 113 | Synthesis of La and Nb doped PZT powder by the gel-combustion method. Nanotechnology, 2006, 17, 1731-1735. | 1.3 | 21 |
| 114 | High dielectric constant and frozen macroscopic polarization in dense nanocrystallineBaTiO3ceramics. Physical Review B, 2006, 73, . | 1.1 | 273 |
| 115 | Analysis of switching properties of porous ferroelectric ceramics by means of first-order reversal curve diagrams. Physical Review B, 2006, 74, . | 1.1 | 40 |
| 116 | Pulsed laser deposition of perovskite relaxor ferroelectric thin films. Applied Surface Science, 2006, 252, 4553-4557. | 3.1 | 25 |
| 117 | Investigation of the switching characteristics in ferroelectrics by first-order reversal curve diagrams. Physica B: Condensed Matter, 2006, 372, 226-229. | 1.3 | 9 |
| 118 | Investigation of local orientation and stress analysis of PZT-based materials using micro-probe polarized Raman spectroscopy. Journal of the European Ceramic Society, 2006, 26, 2337-2344. | 2.8 | 20 |
| 119 | Solâ€"gel synthesis and characterization of Ce doped-BaTiO3. Journal of the European Ceramic Society, 2006, 26, 3241-3246. | 2.8 | 66 |
| 120 | Processing of porous ceramics: Piezoelectric materials. Journal of the European Ceramic Society, 2006, 26, 2951-2958. | 2.8 | 88 |
| 121 | Influence of stoichiometry on the dielectric and ferroelectric properties of the tunable (Ba,Sr)TiO3 ceramics investigated by First Order Reversal Curves method. Journal of the European Ceramic Society, 2006, 26, 2915-2921. | 2.8 | 8 |
| 122 | Characterisation of porous PZT ceramics by first-order reversal curves (FORC) diagrams. Journal of the European Ceramic Society, 2006, 26, 2959-2962. | 2.8 | 37 |
| 123 | Ferroelectric thin films obtained by pulsed laser deposition. Journal of the European Ceramic Society, 2006, 26, 2937-2943. | 2.8 | 25 |
| 124 | Bilateral switching of the modulated electrooptic contrast in PLZTN ceramics. Solid State Communications, 2006, 138, 60-63. | 0.9 | 2 |
| 125 | Synthesis of Nb Doped Lead Zirconate Titanate by Chemical Methods. Advanced Engineering Materials, 2006, 8, 572-576. | 1.6 | 6 |
| 126 | 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, . | 1.1 | 3 |

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|---|---|---|---|
| 127 | Composition-dependent ferroelectric properties of Ba1â^'xSrxTiO3ceramics. Phase Transitions, 2006, 79, 375-388. | 0.6 | 17 |
| 128 | Key role of milling in the optimization of TiO2 nanoinks. Journal of Materials Research, 2006, 21, 1561-1569. | 1.2 | 22 |
| 129 | PZT prepared by spray drying: From powder synthesis to electromechanical properties. Journal of the European Ceramic Society, 2005, 25, 3323-3334. | 2.8 | 19 |
| 130 | Structural and electrical characterization of PLZT 22/20/80 relaxor films obtained by PLD and RFâ€"PLD. Applied Surface Science, 2005, 248, 329-333. | 3.1 | 14 |
| 131 | Rheology of Hydroxyapatite Dispersions. Journal of the American Ceramic Society, 2005, 88, 271-276. | 1.9 | 6 |
| 132 | Processing and characterization of ferroelectric thin films obtained by pulsed laser deposition. Journal of the European Ceramic Society, 2005, 25, 2299-2303. | 2.8 | 12 |
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