# Juras Banys

List of Publications by Year
in descending order

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|---|---|---|---|
| 300 papers | 3,932 citations | 147801 31 h-index | 182427 51 g-index |
| 316 all docs | 316 docs citations | 316 times ranked | 3953 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | CuInP<sub>2</sub>S<sub>6</sub> Room Temperature Layered Ferroelectric. Nano Letters, 2015, 15, 3808-3814. | 9.1 | 328 |
| 2 | Dielectric Response: Answer to Many Questions in the Methylammonium Lead Halide Solar Cell Absorbers. Advanced Energy Materials, 2017, 7, 1700600. | 19.5 | 163 |
| 3 | Dielectric dispersion of the relaxor PLZT ceramics in the frequency range 20 Hz-100 THz. Journal of Physics Condensed Matter, 2000, 12, 497-519. | 1.8 | 155 |
| 4 | Three-Dimensional Perovskite Methylhydrazinium Lead Chloride with Two Polar Phases and Unusual Second-Harmonic Generation Bistability above Room Temperature. Chemistry of Materials, 2020, 32, 4072-4082. | 6.7 | 104 |
| 5 | Dielectric and magnetic properties of BaTiO3 â€“NiFe2O4 multiferroic composites. Ceramics International, 2014, 40, 6165-6170. | 4.8 | 88 |
| 6 | Determination of the Distribution of the Relaxation Times from Dielectric Spectra. Nonlinear Analysis: Modelling and Control, 2004, 9, 75-88. | 1.6 | 82 |
| 7 | Microwave probing of nanocarbon based epoxy resin composite films: Toward electromagnetic shielding. Thin Solid Films, 2011, 519, 4114-4118. | 1.8 | 80 |
| 8 | Crossover from ferroelectric to relaxor behavior in BaTi<sub>1â^'</sub><sub>x</sub>Sn<sub>x</sub>O<sub>3</sub>solid solutions. Phase Transitions, 2008, 81, 1013-1021. | 1.3 | 74 |
| 9 | Dielectric and ultrasonic investigation of phase transition in cuinp2s6crystals. Phase Transitions, 2004, 77, 345-358. | 1.3 | 73 |
| 10 | Epoxy composites filled with high surface area-carbon fillers: Optimization of electromagnetic shielding, electrical, mechanical, and thermal properties. Journal of Applied Physics, 2013, 114, 164304. | 2.5 | 71 |
| 11 | Infrared and broadband dielectric spectroscopy of PZN-PMN-PSN relaxor ferroelectrics: Origin of two-component relaxation. Physical Review B, 2006, 74, . | 3.2 | 63 |
| 12 | Terahertz Emission from Tubular Pb(Zr,Ti)O<sub>3</sub> Nanostructures. Nano Letters, 2008, 8, 4404-4409. | 9.1 | 62 |
| 13 | Origin of polar nanoregions in relaxor ferroelectrics: Nonlinearity, discrete breather formation, and charge transfer. Physical Review B, 2011, 83, . | 3.2 | 56 |
| 14 | Polar nanoclusters in relaxors. Journal of Materials Science, 2006, 41, 27-30. | 3.7 | 48 |
| 15 | Asymmetric phase diagram of mixed<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CuInP</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2008, 78, . | 3.2 | 48 |
| 16 | Piezoelectric domain walls in van der Waals antiferroelectric CuInP2Se6. Nature Communications, 2020, 11, 3623. | 12.8 | 47 |
| 17 | Suppression of phase transitions and glass phase signatures in mixed cation halide perovskites. Nature Communications, 2020, 11, 5103. | 12.8 | 46 |
| 18 | High dielectric permittivity of percolative composites based on onion-like carbon. Applied Physics Letters, 2009, 95, 112901. | 3.3 | 44 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Electronic Structure and Phase Transition in Ferroelectic Sn2P2S6 Crystal. International Journal of Molecular Sciences, 2012, 13, 14356-14384. | 4.1 | 41 |
| 20 | Structural phase transition in perovskite metalâ€“formate frameworks: a Potts-type model with dipolar interactions. Physical Chemistry Chemical Physics, 2016, 18, 18528-18535. | 2.8 | 40 |
| 21 | Dynamic dielectric susceptibility of the betaine phosphate (0.15) betaine phosphite (0.85) dipolar glass. Physical Review B, 2002, 66, . | 3.2 | 39 |
| 22 | Electromagnetic shielding properties of MWCNT/PMMA composites in Kaâ€band. Physica Status Solidi (B): Basic Research, 2009, 246, 2662-2666. | 1.5 | 39 |
| 23 | Phase transitions, screening and dielectric response of CsPbBr<sub>3</sub>. Journal of Materials Chemistry A, 2020, 8, 14015-14022. | 10.3 | 37 |
| 24 | Electron paramagnetic resonance and electric characterization of a [CH<sub>3</sub>NH<sub>2</sub>NH<sub>2</sub>][Zn(HCOO)<sub>3</sub>] perovskite metal formate framework. Journal of Materials Chemistry C, 2017, 5, 4526-4536. | 5.5 | 36 |
| 25 | La-doped and La/Mn-co-doped Barium Titanate Ceramics. Acta Physica Polonica A, 2013, 124, 155-160. | 0.5 | 35 |
| 26 | Sound behavior near the Lifshitz point in proper ferroelectrics. Physical Review B, 2010, 82, . | 3.2 | 34 |
| 27 | Dipolar glass phase in ferrielectrics: CuInP<sub>2</sub>S<sub>6</sub> and Ag<sub>0.1</sub>Cu<sub>0.9</sub>InP<sub>2</sub>S<sub>6</sub> crystals. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 1960-1967. | 1.8 | 34 |
| 28 | On the origin of ferroelectric structural phases in perovskite-like metalâ€“organic formate. Journal of Materials Chemistry C, 2018, 6, 9420-9429. | 5.5 | 34 |
| 29 | Dielectric Relaxation in Ba2NaNb5(1-x)Ta5xO15Single Crystrals. Journal of the Physical Society of Japan, 1997, 66, 2881-2885. | 1.6 | 33 |
| 30 | Elastic and electromechanical properties of new ferroelectric-semiconductor materials of Sn2P2S6family. Ferroelectrics, 2001, 257, 113-122. | 0.6 | 32 |
| 31 | Dielectric relaxation and polar phonon softening in relaxor ferroelectric PbMg1/3Ta2/3O3. Journal of Applied Physics, 2007, 102, 074106. | 2.5 | 32 |
| 32 | Dielectric properties of graphiteâ€based epoxy composites. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 1623-1633. | 1.8 | 32 |
| 33 | Spectroscopic Study of Structural Phase Transition and Dynamic Effects in a [(CH<sub>3</sub>)<sub>2</sub>NH<sub>2</sub>][Cd(N<sub>3</sub>)<sub>3</sub>] Hybrid Perovskite Framework. Journal of Physical Chemistry C, 2019, 123, 11840-11849. | 3.1 | 32 |
| 34 | Proton-glass behavior in a solid solution of (betaine phosphate)0.15(betaine phosphite)0.85. Physical Review B, 1994, 50, 16751-16753. | 3.2 | 31 |
| 35 | Electrical properties of antimony doped barium titanate ceramics. Materials Research Bulletin, 2013, 48, 3766-3772. | 5.2 | 31 |
| 36 | NMR and Raman Scattering Studies of Temperature- and Pressure-Driven Phase Transitions in CH<sub>3</sub>NH<sub>2</sub>NH<sub>2</sub>PbCl<sub>3</sub> Perovskite. Journal of Physical Chemistry C, 2020, 124, 26999-27008. | 3.1 | 30 |

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| 37 | Low-temperature crystal structure, specific heat, and dielectric properties of lithium tetraborate Li2B4O7. Journal of Applied Physics, 2010, 108, . | 2.5 | 29 |
| 38 | Dielectric properties of a novel high absorbing onion-like-carbon based polymer composite. Diamond and Related Materials, 2010, 19, 91-99. | 3.9 | 29 |
| 39 | Dynamics of nanoscale polar regions and critical behavior of the uniaxial relaxorSr0.61Ba0.39Nb2O6:Co. Physical Review B, 2005, 72, . | 3.2 | 27 |
| 40 | Broadband dielectric spectroscopy of BaTiO3â€“Ni0.5Zn0.5Fe2O4 composite ceramics. Journal of Alloys and Compounds, 2014, 602, 241-247. | 5.5 | 26 |
| 41 | Elucidation of dipolar dynamics and the nature of structural phases in the [(CH<sub>3</sub>)<sub>2</sub>NH<sub>2</sub>][Zn(HCOO)<sub>3</sub>] hybrid perovskite framework. Journal of Materials Chemistry C, 2019, 7, 6779-6785. | 5.5 | 26 |
| 42 | Distribution of relaxation times in PMN single crystal. European Physical Journal Special Topics, 2005, 128, 127-131. | 0.2 | 24 |
| 43 | Peculiar Bi-ion dynamics in Na<sub>1/2</sub>Bi<sub>1/2</sub>TiO<sub>3</sub>from terahertz and microwave dielectric spectroscopy. Phase Transitions, 2014, 87, 953-965. | 1.3 | 24 |
| 44 | Reorientational dynamics of organic cations in perovskite-like coordination polymers. Dalton Transactions, 2018, 47, 17329-17341. | 3.3 | 24 |
| 45 | Magnetic and polar phases and dynamical clustering in multiferroic layered solid solutions CuCr<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>In<mml:m | 3.2 | 23 |
| 46 | Dielectric properties of mml:math altimg="si13.gif" overflow="scroll"><mml:msub><mml:mrow xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x | 7.9 | 23 |
| 47 | Metal-insulator transition and size dependent electrical percolation in onion-like carbon/polydimethylsiloxane composites. Journal of Applied Physics, 2014, 115, . | 2.5 | 23 |
| 48 | Dielectric Properties of NaNbO<sub>3</sub>Ceramics. Ferroelectrics, 2015, 479, 48-55. | 0.6 | 22 |
| 49 | Dielectric, Ferroelectric, and Piezoelectric Investigation of Polymerâ€Based P(VDFâ€TrFE) Composites. Physica Status Solidi (B): Basic Research, 2018, 255, 1700196. | 1.5 | 22 |
| 50 | Silicon carbide/phosphate ceramics composite for electromagnetic shielding applications: Whiskers vs particles. Applied Physics Letters, 2019, 114, 183105. | 3.3 | 22 |
| 51 | The Critical Behaviour of Ultrasonic Velocity at a Second-Order Phase Transition in Sn2P2S6 Single Crystals. Physica Status Solidi (B): Basic Research, 1999, 215, 1151-1156. | 1.5 | 20 |
| 52 | Dielectric Properties of Relaxor Ceramics BBN. Ferroelectrics, 2007, 353, 149-153. | 0.6 | 20 |
| 53 | High Frequency Measurements of Ferroelecrics and Related Materials in Coaxial Line. Ferroelectrics, 2011, 414, 64-69. | 0.6 | 20 |
| 54 | Dielectric Properties of Sodium Nitrite Confined in Porous Glass. Ferroelectrics, 2007, 348, 67-74. | 0.6 | 19 |

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| 55 | Distribution of relaxation times of relaxors: comparison with dipolar glasses. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 2725-2730. | 0.8 | 19 |
| 56 | Anisotropy effects in thick layered CuInP<sub>2</sub>S<sub>6</sub>and CuInP<sub>2</sub>Se<sub>6</sub>crystals. Phase Transitions, 2013, 86, 878-885. | 1.3 | 19 |
| 57 | Temperature- and pressure-dependent studies of niccolite-type formate frameworks of [NH<sub>3</sub>(CH<sub>2</sub>)<sub>4</sub>NH<sub>3</sub>][M<sub>2</sub>(HCOO)<sub>6</sub>] (M = Zn, Co, Fe). Physical Chemistry Chemical Physics, 2016, 18, 27613-27622. | 2.8 | 19 |
| 58 | Positive influence of Sb doping on properties of di-phase multiferroics based on barium titanate and nickel ferrite. Journal of Alloys and Compounds, 2018, 749, 1043-1053. | 5.5 | 19 |
| 59 | Dipolar Glass Behaviour in Mixed CuInP2(S0.7Se0.3)6Crystals. Ferroelectrics, 2005, 318, 163-168. | 0.6 | 18 |
| 60 | Polarization reversal in organic-inorganic ferroelectric composites: Modeling and experiment. Applied Physics Letters, 2015, 107, . | 3.3 | 18 |
| 61 | Dielectric Spectroscopy of Polymer Based PDMS Nanocomposites with ZnO Nanoparticles. Ferroelectrics, 2015, 479, 82-89. | 0.6 | 17 |
| 62 | Pinning effect on microwave dielectric properties and soft mode in TlInS<sub>2</sub>and TlGaSe<sub>2</sub>ferroelectrics. Phase Transitions, 1990, 20, 211-229. | 1.3 | 16 |
| 63 | Magnetic excitation and readout of methyl group tunnel coherence. Science Advances, 2020, 6, eaba1517. | 10.3 | 16 |
| 64 | Origin of Relaxor Behavior in Bariumâ€Titanateâ€Based Leadâ€Free Perovskites. Advanced Electronic Materials, 2022, 8, . | 5.1 | 16 |
| 65 | Microwave dielectric dispersion in a multiferroic Pb(Fe1/2Nb1/2)O3 thin film. Applied Physics Letters, 2012, 100, 122904. | 3.3 | 15 |
| 66 | Dielectric and Impedance Spectroscopy of BaSnO<sub>3</sub>and Ba<sub>2</sub>SnO<sub>4</sub>. Ferroelectrics, 2014, 464, 49-58. | 0.6 | 15 |
| 67 | Broadband dielectric spectra in PbMg1/3Nb2/3O3 crystals with chemical order modified by La doping. Applied Physics Letters, 2015, 107, . | 3.3 | 15 |
| 68 | Dielectric properties of ferroelectrics CuInP2Se6and CuCrP2S6. Ferroelectrics, 2001, 257, 163-168. | 0.6 | 14 |
| 69 | Dynamics of Polar Clusters in PMN Ceramics: Comparison with PMN Single Crystal. Ferroelectrics, 2006, 340, 147-153. | 0.6 | 14 |
| 70 | Broadband dielectric spectroscopy of CuInP<sub>2</sub>Se<sub>6</sub> crystals. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 167-172. | 1.8 | 14 |
| 71 | Ultrasonic and Piezoelectric Studies of Phase Transitions in Two-Dimensional CuInP<sub>2</sub>S<sub>6</sub>Type Crystals. Ferroelectrics, 2009, 379, 69-76. | 0.6 | 14 |
| 72 | Ultrasonic and dielectric relaxations in PDMS/ZnO nanocomposite. Physica Status Solidi (B): Basic Research, 2015, 252, 2778-2783. | 1.5 | 14 |

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| 73 | Dielectric, ferroelectric and magnetic properties of La doped Bi5Ti3FeO15 ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 2448-2454. | 2.2 | 14 |
| 74 | Double Hysteresis Loops in Proper Uniaxial Ferroelectrics. Physical Review Applied, 2018, 10, . | 3.8 | 14 |
| 75 | Dielectric properties of onion-like carbon based polymer films: Experiment and modeling. Solid State Sciences, 2009, 11, 1828-1832. | 3.2 | 13 |
| 76 | Phase diagram of mixed Cu(In<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>S<mml:math xmln. Physical Review B, 2012, 85, . | 3.2 | 13 |
| 77 | The electrical properties of chemically obtained barium titanate improved by attrition milling. Journal of Sol-Gel Science and Technology, 2013, 67, 267-272. | 2.4 | 13 |
| 78 | Preparation and structural characterization of Fe-doped BaTiO3 diluted magnetic ceramics. Ceramics International, 2017, 43, 9998-10005. | 4.8 | 13 |
| 79 | Ultra-low percolation threshold in epoxy resinâ€“onion-like carbon composites. Applied Physics Letters, 2018, 113, . | 3.3 | 13 |
| 80 | Dielectric response of water confined in MCM-41 molecular sieve material. Physica Status Solidi (B): Basic Research, 2005, 242, R100-R102. | 1.5 | 12 |
| 81 | Effect of thermal treatment conditions on the properties of onion-like carbon based polymer composite. Composites Science and Technology, 2010, 70, 2298-2303. | 7.8 | 12 |
| 82 | Dielectric and Conductive Properties of Hydrotalcite. Ferroelectrics, 2011, 417, 136-142. | 0.6 | 12 |
| 83 | Epoxy Resin/Carbon Black Composites Below the Percolation Threshold. Journal of Nanoscience and Nanotechnology, 2013, 13, 5434-5439. | 0.9 | 12 |
| 84 | Ultrasonic spectroscopy of copolymer based P(VDF-TrFE) composites with fillers on lead zirconate titanate basis. Polymer Testing, 2016, 53, 211-216. | 4.8 | 12 |
| 85 | Impact of the Copper-Induced Local Framework Deformation on the Mechanism of Structural Phase Transition in [(CH<sub>3</sub>)<sub>2</sub>NH<sub>2</sub>][Zn(HCOO)<sub>3</sub>] Hybrid Metalâ€“Formate Perovskite. Journal of Physical Chemistry C, 2019, 123, 23594-23603. | 3.1 | 12 |
| 86 | Dielectric properties of polydimethylsiloxane composites filled with <scp>SrTiO<sub>3</sub></scp> nanoparticles. Polymer Composites, 2021, 42, 2982-2988. | 4.6 | 12 |
| 87 | Growth and Investigation of Heterostructures Based on Multiferroic BiFeO<sub>3</sub>. Acta Physica Polonica A, 2008, 113, 1095-1098. | 0.5 | 12 |
| 88 | CONDUCTIVITY SPECTROSCOPY OF NEW AgInP2S6 CRYSTALS. Integrated Ferroelectrics, 2008, 103, 52-59. | 0.7 | 11 |
| 89 | Observation of nonequilibrium behavior near the Lifshitz point in ferroelectrics with incommensurate phase. Physical Review B, 2016, 93, . | 3.2 | 11 |
| 90 | Microwave Dielectric Dispersion in Deuterated Betaine Phosphite. Physica Status Solidi A, 1996, 155, 541-545. | 1.7 | 10 |

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| 91 | Dielectric relaxation and ferromagnetic resonance in magnetoelectric (Polyvinylidene-fluoride)/ferrite composites. Journal of Polymer Research, 2015, 22, 1. | 2.4 | 10 |
| 92 | Synergy effects in the electrical conductivity behavior of onion-like carbon and multiwalled carbon nanotubes composites. Physica Status Solidi (B): Basic Research, 2015, 252, 1799-1803. | 1.5 | 10 |
| 93 | Dielectric properties of onion-like carbon and detonation nanodiamond/polydimethysiloxane composites. Polymer Composites, 2015, 36, 2084-2092. | 4.6 | 10 |
| 94 | Synergy Effects in Electromagnetic Properties of Phosphate Ceramics with Silicon Carbide Whiskers and Carbon Nanotubes. Applied Sciences (Switzerland), 2019, 9, 4388. | 2.5 | 10 |
| 95 | Broad-band measurements of dielectric permittivity in coaxial line using partially filled circular waveguide. Review of Scientific Instruments, 2020, 91, 035106. | 1.3 | 10 |
| 96 | Magnetoelectric coupling in nonsintered bulk BaTiO3 -- xCoFe2O4 multiferroic composites. Journal of Alloys and Compounds, 2022, 917, 165519. | 5.5 | 10 |
| 97 | Microwave dielectric dispersion in T1InS<sub>2</sub>. Ferroelectrics, 1988, 82, 3-9. | 0.6 | 9 |
| 98 | Ultrasonic study of ferroelectric phase transition in DDSP. Ferroelectrics, 1994, 156, 365-370. | 0.6 | 9 |
| 99 | Dielectric Properties in the vicinity of phase transition of new ferroelectric CuInP2S6. Ferroelectrics, 1999, 223, 43-50. | 0.6 | 9 |
| 100 | Dielectric dispersion and distribution of the relaxation times of the relaxor PLZT ceramics. Ferroelectrics, 2001, 257, 69-74. | 0.6 | 9 |
| 101 | Ultrasonic investigation of photostimulated phenomena in ferroelectric semiconductors. Ferroelectrics, 2001, 257, 135-140. | 0.6 | 9 |
| 102 | Dielectric properties in the vicinity of the ferroelectric phase transition in a mixed crystal of deuterated betaine phosphate0.03 betaine phosphite0.97. Physica Status Solidi A, 2004, 201, 602-612. | 1.7 | 9 |
| 103 | Influence of small amount of CuInP2Se6 to conductivity of CuInP2S6 crystals. Solid State Ionics, 2008, 179, 79-81. | 2.7 | 9 |
| 104 | Dielectric response of water confined in metalâ€“organic frameworks. Applied Physics A: Materials Science and Processing, 2009, 96, 537-541. | 2.3 | 9 |
| 105 | Phase transitions in CuBiP2Se6crystals. Phase Transitions, 2011, 84, 147-156. | 1.3 | 9 |
| 106 | Conductivity investigations of Aurivillius-type Bi2.5Gd1.5Ti3O12 ceramics. Solid State Ionics, 2011, 188, 50-52. | 2.7 | 9 |
| 107 | Localization and electrical transport in onion-like carbon based composites. Journal of Applied Physics, 2012, 111, 103701. | 2.5 | 9 |
| 108 | The perfect soft mode: giant phonon instability in a ferroelectric. Journal of Physics Condensed Matter, 2013, 25, 212201. | 1.8 | 9 |

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| 109 | Ultrasonic properties of composites of polymers and inorganic nanoparticles. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 2348-2352. | 1.8 | 9 |
| 110 | Broadband dielectric spectroscopy of Pb-based relaxor ferroelectric (1-x)Pb(Mg1/3Nb2/3)O3-xPbTiO3 with intermediate random fields. Journal of Applied Physics, 2017, 121, . | 2.5 | 9 |
| 111 | Temperature-Induced Structural Transformations in Undoped and Eu<sup>3+</sup>-Doped Ruddlesdenâ€“Popper Phases Sr<sub>2</sub>SnO<sub>4</sub> and Sr<sub>3</sub>Sn<sub>2</sub>O<sub>7</sub>: Relation to the Impedance and Luminescence Behaviors. Inorganic Chemistry, 2019, 58, 11410-11419. | 4.0 | 9 |
| 112 | Distributions of relaxation times in relaxor ferroelectric Ba(Ti<sub>0.8</sub>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (Ce<sub>0.2 | 0.6 | 9 |
| 113 | Investigation of acoustoelectric phenomena in Sn2P2S6single crystals. Ferroelectrics, 1999, 224, 89-96. | 0.6 | 8 |
| 114 | Impedance Spectroscopy of (Pb0.5Na0.5)(Mn0.5Nb0.5)O3Ceramics. Ferroelectrics, 2014, 463, 40-47. | 0.6 | 8 |
| 115 | Ferroelectricity in (PbySn1â^'y)2P2S6mixed crystals and random field BEG model. Physica Status Solidi (B): Basic Research, 2016, 253, 384-391. | 1.5 | 8 |
| 116 | Dielectric Spectroscopy of Water Dynamics in Functionalized UiO-66 Metal-Organic Frameworks. Molecules, 2020, 25, 1962. | 3.8 | 8 |
| 117 | Non-linear dielectric response of layered CuInP<sub>2</sub>S<sub>6</sub> and Cu<sub>0.9</sub>Ag<sub>0.1</sub>InP<sub>2</sub>S<sub>6</sub> crystals. Ferroelectrics, 2020, 569, 280-285. | 0.6 | 8 |
| 118 | Broadband Dielectric Spectroscopy of Water Confined in MCM-41 Molecular Sieve Material. Ferroelectrics, 2005, 318, 201-207. | 0.6 | 7 |
| 119 | Conductivity of nanostructured mesoporous MCM-41 molecular sieve materials. Electrochimica Acta, 2006, 51, 6203-6206. | 5.2 | 7 |
| 120 | Dielectric Dispersion in Pure PMN and PMN with 10% PT Single Crystals. Ferroelectrics, 2006, 339, 21-28. | 0.6 | 7 |
| 121 | DIELECTRIC PROPERTIES OF Cu6PS5I SINGLE CRYSTALS. Integrated Ferroelectrics, 2009, 109, 18-26. | 0.7 | 7 |
| 122 | Investigation of Dielectric and Noise Properties of the Multiferoic Composite BaTiO3with CoFe2O4. Ferroelectrics, 2011, 417, 25-32. | 0.6 | 7 |
| 123 | Comment on â€œRevisit of the Vogelâ€“Fulcher freezing in lead magnesium niobate relaxorsâ€•[Appl. Phys. Lett. 97, 132905 (2010)]. Applied Physics Letters, 2011, 98, . | 3.3 | 7 |
| 124 | Dielectric Properties of BaTiO<sub>3</sub>-KNbO<sub>3</sub> Composites. Ferroelectrics, 2017, 512, 8-13. | 0.6 | 7 |
| 125 | Carbon-Coated Nickel Nanoparticles: Effect on the Magnetic and Electric Properties of Composite Materials. Coatings, 2018, 8, 165. | 2.6 | 7 |
| 126 | Synergy effects in dielectric and thermal properties of layered ethylene vinyl acetate composites with carbon and Fe 3 O 4 nanoparticles. Journal of Applied Polymer Science, 2020, 137, 48814. | 2.6 | 7 |

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| 127 | Electrical percolation and electromagnetic properties of polydimethylsiloxane composites filled with Ag nanoparticles of different sizes. Polymer Composites, 2020, 41, 4750-4756. | 4.6 | 7 |
| 128 | Implications of acceptor doping in the polarization and electrocaloric response of 0.9Pb(Mg1/3Nb2/3)O3â€“0.1PbTiO3 relaxor ferroelectric ceramics. Journal of Materials Chemistry C, 2021, 9, 3204-3214. | 5.5 | 7 |
| 129 | Electrical Conductivity and Dielectric Relaxation in Ag1â^'xLixNbO3. Crystals, 2022, 12, 158. | 2.2 | 7 |
| 130 | Distribution of the relaxation times of the new relaxor 0.4PSNâ€“0.3PMNâ€“0.3PZN ceramics. Journal of the European Ceramic Society, 2005, 25, 2515-2519. | 5.7 | 6 |
| 131 | Dimethylammonium gallium sulfate hexahydrate and dimethylammonium aluminium sulfate hexahydrateâ€”members of a crystal family with exceptional commensurate/incommensurate phase sequences. Journal of Physics Condensed Matter, 2005, 17, 4511-4529. | 1.8 | 6 |
| 132 | Broadband dielectric spectroscopy of PSN ceramics. Journal of the European Ceramic Society, 2007, 27, 4383-4389. | 5.7 | 6 |
| 133 | Broadband dielectric spectroscopy of PbMg1/3Nb2/3O3â€“PbSc1/2Nb1/2O3 ceramics. Journal of the European Ceramic Society, 2010, 30, 613-616. | 5.7 | 6 |
| 134 | Broadband dielectric properties of onion-like carbon/polyurethane composites. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 2683-2688. | 1.8 | 6 |
| 135 | Dielectric and phonon spectroscopy of Nb-doped Pb(Zr1-yTiy)O3-CoFe2O4 composites. Journal of Applied Physics, 2017, 121, 214101. | 2.5 | 6 |
| 136 | Grain size effect in conductive phosphate / carbon nanotube ceramics. Ceramics International, 2017, 43, 4965-4969. | 4.8 | 6 |
| 137 | Temperature evolution of central peaks and effect of electric field in relaxor ferroelectric 0.83Pb(Mg<sub>1/3</sub>Nb<sub>2/3</sub>)O<sub>3</sub>â€“0.17PbTiO<sub>3</sub>single crystals. Japanese Journal of Applied Physics, 2017, 56, 10PB03. | 1.5 | 6 |
| 138 | Sizeâ€Đependent Electrical and Thermal Properties of Onionâ€Ŀike Carbons/Polyurethane Composites. Polymer Composites, 2018, 39, E1834. | 4.6 | 6 |
| 139 | Screening of point defects in methylammonium lead halides: a Monte Carlo study. Journal of Materials Chemistry C, 2018, 6, 1487-1494. | 5.5 | 6 |
| 140 | Electromagnetic Properties of Carbon Gels. Materials, 2019, 12, 4143. | 2.9 | 6 |
| 141 | Quantum paraelectric state and critical behavior in Sn(Pb)2P2S(Se)6 ferroelectrics. Journal of Applied Physics, 2020, 128, . | 2.5 | 6 |
| 142 | Percolation and Transport Properties in The Mechanically Deformed Composites Filled with Carbon Nanotubes. Applied Sciences (Switzerland), 2020, 10, 1315. | 2.5 | 6 |
| 143 | Dipolar glass state in BaCe0.3Ti0.7O3 perovskite solid solutions. Journal of Alloys and Compounds, 2021, 854, 155755. | 5.5 | 6 |
| 144 | Dielectric Relaxation Spectroscopy and Synergy Effects in Epoxy/MWCNT/Ni@C Composites. Nanomaterials, 2021, 11, 555. | 4.1 | 6 |

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