

Yury I Yuzyuk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3648466/publications.pdf>

Version: 2024-02-01

165
papers

2,359
citations

201385

27
h-index

276539

41
g-index

165
all docs

165
docs citations

165
times ranked

2140
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Phase transition peculiarities in BaTiO ₃ -based perovskite superlattices. AIP Conference Proceedings, 2018, . . | 0.3 | 3 |
| 2 | Tunable pyroelectric properties of barium strontium titanate thin films. Journal of Physics Condensed Matter, 2017, 29, 185701. | 0.7 | 5 |
| 3 | Experimental study of lattice dynamics in individual semiconducting double-walled carbon nanotubes: Tangential G modes. Physics of the Solid State, 2017, 59, 338-343. | 0.2 | 0 |
| 4 | Intrinsic dead layer effects in relaxed epitaxial BaTiO ₃ thin film grown by pulsed laser deposition. Materials and Design, 2017, 122, 157-163. | 3.3 | 20 |
| 5 | Induced pyroelectric effect in a planar field. Physics of the Solid State, 2017, 59, 914-919. | 0.2 | 0 |
| 6 | Specific features of tangential modes in Raman scattering spectra of semiconducting single-walled carbon nanotubes with a large diameter. Physics of the Solid State, 2017, 59, 594-600. | 0.2 | 3 |
| 7 | Unexpectedly high Curie temperature in weakly strained ferroelectric film. Physica Status Solidi (B): Basic Research, 2017, 254, 1600413. | 0.7 | 3 |
| 8 | Physical states and properties of barium titanate films in a plane electric field. Technical Physics, 2016, 61, 1073-1078. | 0.2 | 0 |
| 9 | Acoustic properties of BSTO8 films tunable by bias electric field. , 2016, , . | | 0 |
| 10 | Phase transitions in barium strontium titanate films on MgO substrates with various orientations. Physics of the Solid State, 2016, 58, 2027-2034. | 0.2 | 10 |
| 11 | Phase transition in ferroelectric BaTiO ₃ /SrTiO ₃ superlattice: Raman spectroscopy studies. Ferroelectrics, 2016, 501, 61-69. | 0.3 | 4 |
| 12 | Physical properties of Ba _{0.8} Sr _{0.2} TiO ₃ thin films. Physics of the Solid State, 2016, 58, 2035-2039. | 0.2 | 6 |
| 13 | Characterization of zinc and zinc cyanide nanoparticles in carbon matrices prepared by solid-phase pyrolysis of zinc-phthalocyanine. Journal of Contemporary Physics, 2016, 51, 191-195. | 0.1 | 0 |
| 14 | Effect of growth mechanisms on the deformation of a unit cell and polarization reversal in barium strontium titanate heterostructures on magnesium oxide. Technical Physics, 2016, 61, 91-96. | 0.2 | 10 |
| 15 | Investigation of defectiveness of multiwalled carbon nanotubes produced with Fe-Co catalysts of different composition. Journal of Nanophotonics, 2016, 10, 012526. | 0.4 | 22 |
| 16 | Anomalous change in the material moduli of thin films of barium titanate. Journal of Applied Mechanics and Technical Physics, 2015, 56, 1103-1110. | 0.1 | 4 |
| 17 | Phenomenological theory of phase transitions in epitaxial Ba _x Sr _{1-x} TiO ₃ thin films on (111)-oriented cubic substrates. Journal of Applied Physics, 2015, 118, 024101. | 1.1 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Ferroelectric superlattice based on barium-strontium titanate solid solutions. <i>Physics of the Solid State</i> , 2015, 57, 2246-2251. | 0.2 | 4 |
| 20 | Difference Raman spectroscopy of DNA molecules. <i>Journal of Physics: Conference Series</i> , 2015, 584, 012022. | 0.3 | 7 |
| 21 | Direct transition from the rhombohedral ferroelectric to the paraelectric phase in a (Ba,Sr)TiO ₃ thin film on a (111)MgO substrate. <i>Europhysics Letters</i> , 2015, 112, 47001. | 0.7 | 6 |
| 22 | The cooperative Jahn-Teller effect and anti-isomorphous phases in $\text{Ni}_{1-x}\text{Mn}_x\text{TiO}_3$. <i>Journal of Physics and Chemistry of Solids</i> , 2015, 86, 42-48. | 1.9 | 7 |
| 23 | Material constants of barium titanate thin films. <i>Physics of the Solid State</i> , 2015, 57, 1535-1540. | 0.2 | 11 |
| 24 | Thickness dependence of the properties of epitaxial barium strontium titanate thin films. <i>Physics of the Solid State</i> , 2015, 57, 1529-1534. | 0.2 | 7 |
| 25 | Coexistence of the soft mode and sub-THz central peak in ferroelectric BaTiO ₃ /(Ba,Sr)TiO ₃ superlattices. <i>Superlattices and Microstructures</i> , 2015, 87, 19-24. | 1.4 | 7 |
| 26 | Structure and magnetic properties of carbon microspheres prepared by solid-phase pyrolysis of organic compounds. <i>Journal of Contemporary Physics</i> , 2015, 50, 195-199. | 0.1 | 6 |
| 27 | Phase transitions in two- and three-component perovskite superlattices. <i>Physics of the Solid State</i> , 2015, 57, 486-490. | 0.2 | 9 |
| 28 | Interlayer Dependence of G-Modes in Semiconducting Double-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2015, 119, 23196-23202. | 1.5 | 21 |
| 29 | Control of acoustic properties of a BaTiO ₃ thin film by a planar electric field. <i>Europhysics Letters</i> , 2015, 111, 16002. | 0.7 | 3 |
| 30 | Study of collective radial breathing-like modes in double-walled carbon nanotubes: combination of continuous two-dimensional membrane theory and Raman spectroscopy. <i>Journal of Nanophotonics</i> , 2015, 10, 012502. | 0.4 | 6 |
| 31 | The problem of determining elastic constants of thin ferroelectric films. <i>Doklady Physics</i> , 2015, 60, 349-354. | 0.2 | 8 |
| 32 | Emergence of the sub-THz central peak at phase transitions in artificial BaTiO ₃ /(Ba,Sr)TiO ₃ superlattices. <i>Physica Status Solidi - Rapid Research Letters</i> , 2015, 9, 68-71. | 1.2 | 6 |
| 33 | Giant increase of ferroelectric phase transition temperature in highly strained ferroelectric [BaTiO ₃] _{0.7} /[BaZrO ₃] _{0.3} superlattice. <i>Europhysics Letters</i> , 2014, 106, 17004. | 0.7 | 11 |
| 34 | Anomalies of piezoelectric coefficients in barium titanate thin films. <i>Europhysics Letters</i> , 2014, 108, 47008. | 0.7 | 11 |
| 35 | High pressure x-ray diffraction study of nickel-copper chromites solid solutions. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 505401. | 0.7 | 1 |
| 36 | Investigations of Ba _x Sr _{1-x} TiO ₃ ceramics and powders prepared by direct current arc discharge technique. <i>Applied Physics Letters</i> , 2014, 105, . | 1.5 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Highly constrained ferroelectric $[\text{BaTiO}_3](1-x)/[\text{BaZrO}_3]x$ superlattices: X-ray diffraction and Raman spectroscopy. <i>Journal of Applied Physics</i> , 2014, 116, 034108. | 1.1 | 13 |
| 38 | Phonon and magnon excitations in Raman spectra of an epitaxial bismuth ferrite film. <i>Physics of the Solid State</i> , 2014, 56, 2507-2513. | 0.2 | 12 |
| 39 | Phase transitions in BaTiO_3 thin films and $\text{BaTiO}_3/\text{BaZrO}_3$ superlattices. <i>Journal of Applied Physics</i> , 2014, 116, 184102. | 1.1 | 10 |
| 40 | On the nature of phase transitions in the tetragonal tungsten bronze $\text{GdK}_2\text{Nb}_5\text{O}_{15}$ ceramics. <i>Journal of Applied Physics</i> , 2014, 115, 064104. | 1.1 | 31 |
| 41 | Raman spectroscopy study of lattice dynamics of macro-, micro-, and nanostructured barium titanates. <i>Physics of the Solid State</i> , 2014, 56, 310-316. | 0.2 | 17 |
| 42 | Effect of thermal annealing on the surface of sol-gel prepared oxide film studied by atomic force microscopy and Raman spectroscopy. <i>Glass Physics and Chemistry</i> , 2014, 40, 99-105. | 0.2 | 6 |
| 43 | Lattice anharmonicity and polar soft mode in ferrimagnetic M-type hexaferrite $\text{BaFe}_{12}\text{O}_{19}$ single crystal. <i>European Physical Journal B</i> , 2014, 87, 1. | 0.6 | 50 |
| 44 | Structure and lattice dynamics of solid solutions $(1-x)\text{BiFeO}_3-x\text{ANbO}_3$ ($A = \text{K}, \text{Na}$). <i>Physics of the Solid State</i> , 2014, 56, 1866-1871. | 0.2 | 2 |
| 45 | Specific features of optical phonons in raman spectra of an array of vertical ZnO microrods on silicon. <i>Physics of the Solid State</i> , 2014, 56, 561-567. | 0.2 | 0 |
| 46 | X-Ray diffraction and Raman spectroscopy studies of superlattices $\text{BaTiO}_3/(\text{Ba}_{0.5}\text{Sr}_{0.5})\text{TiO}_3/\text{SrTiO}_3$. <i>Physics of the Solid State</i> , 2014, 56, 594-598. | 0.2 | 4 |
| 47 | Features of the Jahn-Teller transition in $\text{Ni}^{1-x}\text{Co}_x\text{Cr}_2\text{O}_4$ solid solutions. <i>Physics of the Solid State</i> , 2014, 56, 785-791. | 0.2 | 8 |
| 48 | Strain engineering of perovskite thin films using a single substrate. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 292201. | 0.7 | 21 |
| 49 | X-ray Diffraction Study of $\text{BaTiO}_3/(\text{Ba}_{1-x}\text{Sr}_x)\text{TiO}_3$ Artificial Superlattices. <i>Ferroelectrics</i> , 2013, 444, 1-8. | 0.3 | 2 |
| 50 | Dynamic spectral response of solid solutions of the bismuth-strontium ferrite $\text{Bi}_{1-x}\text{Sr}_x\text{FeO}_3$ in the frequency range 0.3–200 THz. <i>Physics of the Solid State</i> , 2013, 55, 1417-1430. | 0.2 | 5 |
| 51 | Material constants of $(\text{Ba},\text{Sr})\text{TiO}_3$ solid solutions. <i>Physics of the Solid State</i> , 2013, 55, 773-779. | 0.2 | 25 |
| 52 | Compositional engineering of $\text{BaTiO}_3/(\text{Ba},\text{Sr})\text{TiO}_3$ ferroelectric superlattices. <i>Journal of Applied Physics</i> , 2013, 114, . | 1.1 | 37 |
| 53 | Two-dimensional elasticity determines the low-frequency dynamics of single- and double-walled carbon nanotubes. <i>Physical Review B</i> , 2013, 88, . | 1.1 | 11 |
| 54 | Electrochemical dispergation as a simple and effective technique toward preparation of NiO based nanocomposite for supercapacitor application. <i>Electrochimica Acta</i> , 2013, 114, 356-362. | 2.6 | 42 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Structure and lattice dynamics of heterostructures based on bismuth ferrite and barium strontium titanate. <i>Physics of the Solid State</i> , 2013, 55, 2506-2515. | 0.2 | 1 |
| 56 | Raman and X-ray diffraction study of (Ba,Sr)TiO ₃ /(Bi,Nd)FeO ₃ multilayer heterostructures. <i>Thin Solid Films</i> , 2013, 545, 267-271. | 0.8 | 2 |
| 57 | Symmetry of the carbon nanotube modes and their origin from the phonon branches of graphene. <i>Physical Review B</i> , 2013, 87, . | 1.1 | 12 |
| 58 | Phase Diagrams of BaTiO ₃ /BaZrO ₃ Superlattices. <i>Ferroelectrics</i> , 2013, 444, 168-176. | 0.3 | 10 |
| 59 | Comparative Raman Study of Individual Double-Walled Carbon Nanotubes and Single-Walled Carbon Nanotubes. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2013, 8, 9-15. | 0.1 | 8 |
| 60 | Ferroelectric and Dielectric Properties of BaTiO ₃ /Ba _{0.30} Sr _{0.70} TiO ₃ Superlattices. <i>Integrated Ferroelectrics</i> , 2012, 134, 139-145. | 0.3 | 3 |
| 61 | Raman Spectra of PbFe _{0.5} Nb _{0.5} O ₃ Multiferroic Single Crystals and Ceramics. <i>Ferroelectrics</i> , 2012, 438, 107-114. | 0.3 | 21 |
| 62 | Ferroelectric Q and antiferroelectric P phases' coexistence and local phase transitions in oxygen-deficient NaNbO ₃ single crystal: micro-Raman, dielectric and dilatometric studies. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1141-1145. | 1.2 | 44 |
| 63 | Nickel nanoparticles in carbon structures prepared by solid-phase pyrolysis of nickel-phthalocyanine. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1. | 0.8 | 23 |
| 64 | Raman Spectroscopy on Individual Identified Carbon Nanotubes. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1407, 110. | 0.1 | 3 |
| 65 | A comparative study of the BaTiO ₃ film and the BaTiO ₃ /(Ba _{0.7} Sr _{0.3})TiO ₃ superlattice using X-ray diffraction and raman spectroscopy. <i>Physics of the Solid State</i> , 2012, 54, 1628-1634. | 0.2 | 4 |
| 66 | Femtosecond Infrared Laser Annealing of PZT Films on a Metal Substrate. <i>Ferroelectrics</i> , 2012, 433, 164-169. | 0.3 | 8 |
| 67 | Amplification of raman scattering by localized plasmons in silver nanoparticles on the surface of zinc oxide nanorods. <i>Technical Physics</i> , 2012, 57, 1406-1410. | 0.2 | 7 |
| 68 | Structural Properties of Composite Thin Films BiFeO ₃ - Ba _{0.8} Sr _{0.2} TiO ₃ . <i>Ferroelectrics</i> , 2012, 439, 67-73. | 0.3 | 6 |
| 69 | A comparative Raman study of 0.65(PbMg _{1/3} Nb _{2/3} O ₃) -0.35(PbTiO ₃) single crystal and thin film. <i>European Physical Journal B</i> , 2012, 85, 1. | 0.6 | 10 |
| 70 | X-ray diffraction investigation of BaTiO ₃ /(Ba,Sr)TiO ₃ superlattices. <i>Physics of the Solid State</i> , 2012, 54, 1014-1017. | 0.2 | 4 |
| 71 | Raman scattering spectra of ceramics, films, and superlattices of ferroelectric perovskites: A review. <i>Physics of the Solid State</i> , 2012, 54, 1026-1059. | 0.2 | 100 |
| 72 | Use of various growth catalysts for laser sputtering of ZnO micro- and nanorods. <i>Technical Physics</i> , 2012, 57, 534-542. | 0.2 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Raman Study of Uniaxial Strain in Individual Single-Wall Carbon Nanotubes Induced by Temperature Changes. Journal of Nanoelectronics and Optoelectronics, 2012, 7, 77-80. | 0.1 | 0 |
| 74 | Diagnostics of Carbonaceous Nanomaterial α -Taunit α by Raman Spectroscopy. Journal of Nanoelectronics and Optoelectronics, 2012, 7, 95-98. | 0.1 | 0 |
| 75 | Electric-field-induced monoclinic phase in (Ba,Sr)TiO ₃ thin film. Journal of Applied Physics, 2011, 109, 074111. | 1.1 | 3 |
| 76 | Effect of periodicity and composition in artificial BaTiO ₃ thin film. Journal of Applied Physics, 2011, 109, 074111. | 1.1 | 36 |
| 77 | Experimental Evidence of a Mechanical Coupling between Layers in an Individual Double-Walled Carbon Nanotube. Nano Letters, 2011, 11, 4800-4804. | 4.5 | 62 |
| 78 | Orthorhombic polar Nd-doped BiFeO ₃ thin film on MgO substrate. Journal of Physics Condensed Matter, 2011, 23, 332201. | 0.7 | 7 |
| 79 | Effect of mechanical activation on physical properties of relaxor ferroelectric Pb ₂ ScNbO ₆ ceramics. Technical Physics Letters, 2011, 37, 952-955. | 0.2 | 8 |
| 80 | Raman spectroscopy of BaTiO ₃ /(Ba,Sr)TiO ₃ superlattices. Physics of the Solid State, 2011, 53, 1062-1066. | 0.2 | 14 |
| 81 | Raman spectra of polycrystalline bismuth titanate nanotubes. Physics of the Solid State, 2011, 53, 1867-1871. | 0.2 | 8 |
| 82 | Polarization of thin barium-strontium titanate films by an external electric field. Technical Physics, 2011, 56, 1175-1180. | 0.2 | 13 |
| 83 | Structure and lattice dynamics of heterostructures based on bismuth ferrite and barium strontium titanate on magnesium oxide substrates. Physics of the Solid State, 2010, 52, 1432-1438. | 0.2 | 15 |
| 84 | Thin ferroelectric Nd-doped BiFeO ₃ films with orthorhombic structure. Bulletin of the Russian Academy of Sciences: Physics, 2010, 74, 1112-1114. | 0.1 | 0 |
| 85 | Raman spectra of a barium strontium titanate film in electric fields. Bulletin of the Russian Academy of Sciences: Physics, 2010, 74, 1228-1230. | 0.1 | 2 |
| 86 | Raman Probing of Uniaxial Strain in Individual Single-Wall Carbon Nanotubes in a Composite Material. Journal of Physical Chemistry C, 2010, 114, 16210-16214. | 1.5 | 9 |
| 87 | Ferroelectric Q-phase in a NaNbO ₃ epitaxial thin film. Applied Physics Letters, 2010, 96, . | 1.5 | 32 |
| 88 | Raman spectra of nickel-carbon nanocomposites. Proceedings of SPIE, 2010, , . | 0.8 | 1 |
| 89 | Ferroelectric BaTiO ₃ /BaZrO ₃ superlattices: X-ray diffraction, Raman spectroscopy, and polarization hysteresis loops. Journal of Applied Physics, 2010, 108, 084104. | 1.1 | 30 |
| 90 | 10.1007/s11451-008-3015-7. , 2010, 50, 485. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | BARIUM-STROTIUM TITANATE BASED FERROELECTRIC HETEROSTRUCTURES. Integrated Ferroelectrics, 2009, 107, 83-91. | 0.3 | 3 |
| 92 | Magnetolectricity (Scientific session of the Physical Sciences Division of the Russian Academy of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 0.8 | 9 |
| 93 | Heteroepitaxial flms of a bismuth ferrite multiferroic doped with neodymium. Physics-Uspekhi, 2009, 52, 856-860. | 0.8 | 16 |
| 94 | Micro-Raman response and phonon oscillator parameters in solid solutions $Pb_{1-x}Ca_xTiO_3$ (0.40 < Tj ETQq0 0 0 rgBT /Overlock 1 | 0.2 | 1 |
| 95 | Phenomenological description of thin SrTiO3 films. Physics of the Solid State, 2009, 51, 1025-1032. | 0.2 | 14 |
| 96 | Phenomenological theory of phase transitions in epitaxial films. Physical Review B, 2009, 79, . | 1.1 | 69 |
| 97 | Combinatorial (Ba,Sr)TiO3 thin film growth: X-ray diffraction and Raman spectroscopy. Journal of Applied Physics, 2009, 106, . | 1.1 | 15 |
| 98 | Internal stress and the deformation phase transition in nanoscale barium-strontium titanate films. Crystallography Reports, 2008, 53, 502-507. | 0.1 | 2 |
| 99 | Structural phase transitions in nanosized ferroelectric barium strontium titanate films. Physics of the Solid State, 2008, 50, 485-489. | 0.2 | 18 |
| 100 | Phenomenological description of phase transitions in thin BaTiO3 films. Physics of the Solid State, 2008, 50, 928-936. | 0.2 | 28 |
| 101 | Dielectric properties of nanometer-thick barium-strontium titanate films. Technical Physics, 2008, 53, 1485-1489. | 0.2 | 7 |
| 102 | Phenomenological theory of phase transitions in epitaxial BaTiO3 thin films. Physical Review B, 2007, 75, . | 1.1 | 64 |
| 103 | Stress alteration in heteroepitaxial (Ba,Sr)TiO3/(0-1) MgO thin films via growth mechanism. Journal Physics D: Applied Physics, 2007, 40, 4271-4275. | 1.3 | 0 |
| 104 | Stress manipulation in ferroelectric thin films and superlattices. Vibrational Spectroscopy, 2007, 45, 108-111. | 1.2 | 13 |
| 105 | Influence of the growth mechanism and thermoelastic stresses on the lattice dynamics of heteroepitaxial films of barium strontium titanate. Physics of the Solid State, 2007, 49, 1759-1765. | 0.2 | 11 |
| 106 | Geometrical effects in nanodimensional epitaxial films of barium strontium titanate. Technical Physics, 2007, 52, 1345-1350. | 0.2 | 2 |
| 107 | Soft mode dynamics and the reduction of Ti4+ disorder in ferroelectric relaxor superlattices BaTiO3 \hat{a} •BaTiO.68Zr0.32O3. Physical Review B, 2006, 74, . | 1.1 | 22 |
| 108 | Optical phonon modes in ZnO nanorods on Si prepared by pulsed laser deposition. Journal of Crystal Growth, 2006, 287, 39-43. | 0.7 | 69 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Raman spectroscopic study of the concentration phase transition in $Pb_{1-x}Ca_xTiO_3$ solid solutions. <i>Physics of the Solid State</i> , 2006, 48, 765-773. | 0.2 | 4 |
| 110 | Rotational polar structural distortions in $Pb_{1-x}Ca_xTiO_3$ solid solutions from Raman spectroscopic data. <i>Physics of the Solid State</i> , 2006, 48, 919-928. | 0.2 | 8 |
| 111 | Stress Relaxation Effects in Ferroelectric Thin Films and Superlattices. <i>Ferroelectrics</i> , 2006, 334, 211-222. | 0.3 | 6 |
| 112 | Vibration Spectra and the Valence Force Field of the $LiCuVO_4$ Crystal. <i>Physics of the Solid State</i> , 2005, 47, 539. | 0.2 | 2 |
| 113 | Low-wavenumber dynamics of L-alanine. <i>Journal of Raman Spectroscopy</i> , 2005, 36, 749-754. | 1.2 | 17 |
| 114 | Local symmetry breaking in $Pb_xSr_{1-x}TiO_3$ ceramics and composites studied by Raman spectroscopy. <i>Journal of Applied Physics</i> , 2005, 98, 024116. | 1.1 | 28 |
| 115 | Polarized Raman Spectra of $BaTiO_3/SrTiO_3$ Superlattices. <i>Ferroelectrics</i> , 2005, 329, 3-12. | 0.3 | 11 |
| 116 | Modulated phases in $NaNbO_3$: Raman scattering, synchrotron x-ray diffraction, and dielectric investigations. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 4977-4990. | 0.7 | 98 |
| 117 | Folded acoustic phonons and soft mode dynamics in $BaTiO_3/SrTiO_3$ superlattices. <i>Physical Review B</i> , 2004, 69, . | 1.1 | 41 |
| 118 | Raman Spectroscopy of Bulk and Thin-Layer $(Ba,Sr)TiO_3$ Ferroelectrics. <i>Ferroelectrics</i> , 2004, 303, 101-105. | 0.3 | 23 |
| 119 | Growth and characterization of c-axis oriented $LiNbO_3$ film on a transparent conducting $Al:ZnO$ inter-layer on Si. <i>Journal of Materials Research</i> , 2004, 19, 2235-2239. | 1.2 | 30 |
| 120 | Growth and Characterization of ZnO Nano-Rods on Si Substrate by Pulsed Laser Ablation. <i>Materials Research Society Symposia Proceedings</i> , 2004, 818, 371. | 0.1 | 2 |
| 121 | Raman Studies of $Pb_xSr_{1-x}TiO_3$ Ceramics and Composites. <i>Ferroelectrics</i> , 2004, 303, 159-161. | 0.3 | 0 |
| 122 | Crystallographic shear in niobium oxides of different compositions. <i>Crystallography Reports</i> , 2004, 49, 820-827. | 0.1 | 21 |
| 123 | Raman studies in $SmCFI^*$ phases. <i>Liquid Crystals</i> , 2004, 31, 727-752. | 0.9 | 1 |
| 124 | Lattice dynamics in $PbMg_{1-x}Nb_2O_7$. <i>Physical Review B</i> , 2004, 70, . | 1.1 | 102 |
| 125 | Synchrotron x-ray diffraction and Raman scattering investigations of $(Li_xNa_{1-x})NbO_3$ solid solutions: Evidence of the rhombohedral phase. <i>Physical Review B</i> , 2004, 69, . | 1.1 | 60 |
| 126 | Stress relaxation in heteroepitaxial $(Ba,Sr)TiO_3/(001)MgO$ thin film studied by micro-Raman spectroscopy. <i>Physical Review B</i> , 2003, 68, . | 1.1 | 41 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Phase transitions in (Ba _{0.7} Sr _{0.3})TiO ₃ /(001)MgO thin film studied by Raman scattering. Journal of Applied Physics, 2003, 93, 9930-9937. | 1.1 | 35 |
| 128 | Dielectric Properties and Leakage Current Characteristics of Sol-Gel Derived (Ba _{0.5} Sr _{0.5})TiO ₃ :MgTiO ₃ Thin Film Composites. Ferroelectrics, Letters Section, 2003, 30, 99-107. | 0.4 | 31 |
| 129 | Comment on "Structural ordering transition and repulsion of the giant LO-TO splitting in polycrystalline Ba _x Sr _{1-x} TiO ₃ ". Physical Review B, 2003, 68, . | 1.1 | 6 |
| 130 | Structural and Electrical Investigations of Ferroelectric Lead Strontium Titanate Thin Films and Ceramics. Materials Research Society Symposia Proceedings, 2003, 784, 11151. | 0.1 | 0 |
| 131 | Effect of Mn Doping in ZnO Thin Films Deposited by Pulsed Laser Deposition. Materials Research Society Symposia Proceedings, 2003, 764, 1. | 0.1 | 0 |
| 132 | Hydrogen Bonds Behaviour in Brominated Betaine Calcium Chloride Dihydrate. Ferroelectrics, 2002, 272, 137-142. | 0.3 | 0 |
| 133 | Polarization-dependent Raman spectra of heteroepitaxial (Ba,Sr)TiO ₃ /MgO thin films. Physical Review B, 2002, 65, . | 1.1 | 60 |
| 134 | Stress effect on the ferroelectric-to-paraelectric phase transition in heteroepitaxial (Ba,Sr)TiO ₃ /(001)MgO thin film studied by Raman scattering and x-ray diffraction. Physical Review B, 2002, 66, . | 1.1 | 50 |
| 135 | X-ray diffraction study of a sequence of phase transitions in Cs ₂ HgCl ₄ crystals. Physics of the Solid State, 2001, 43, 350-354. | 0.2 | 3 |
| 136 | Influence of bromine on the incomplete devil's staircase behavior of betaine calcium chloride dihydrate. Physical Review B, 2001, 64, . | 1.1 | 1 |
| 137 | Raman scattering in liquid crystalline compounds displaying ferro-ferri- and antiferroelectric phase transitions. Ferroelectrics, 2000, 239, 181-187. | 0.3 | 1 |
| 138 | Phase transition in betaine potassium bromide dihydrate studied by Raman scattering. Journal of Physics Condensed Matter, 2000, 12, 6253-6264. | 0.7 | 5 |
| 139 | Raman spectra and phase transition in betaine potassium iodide dihydrate. Journal of Physics Condensed Matter, 2000, 12, 1497-1506. | 0.7 | 4 |
| 140 | Order-disorder behavior in betaine arsenate studied by Raman scattering. Physical Review B, 2000, 61, 15035-15041. | 1.1 | 7 |
| 141 | Modulated phases in BCCD and water molecule vibrations. Physical Review B, 2000, 62, 14712-14719. | 1.1 | 2 |
| 142 | Raman and far-infrared spectra of weak ferroelectric cyclohexane-1,1-diacetic acid. , 1999, 30, 599-604. | | 0 |
| 143 | Raman scattering from relaxor ferroelectrics and related compounds. Ferroelectrics, 1999, 235, 9-18. | 0.3 | 3 |
| 144 | Raman spectra and improper ferroelastic phase transition in single crystal. Journal of Physics Condensed Matter, 1999, 11, 889-903. | 0.7 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Relaxor-Like behaviour of thin ferroelectric films with imperfect crystal structure. <i>Ferroelectrics</i> , 1999, 235, 131-142. | 0.3 | 2 |
| 146 | Phase transition sequence in the chiral compound 10FHBMM7* studied by Raman scattering. <i>Liquid Crystals</i> , 1999, 26, 1805-1811. | 0.9 | 5 |
| 147 | Polarized Raman and electrical study of single crystalline titanium modified lead magnesio-niobate. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 9161-9171. | 0.7 | 36 |
| 148 | Raman spectra of crystals. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 1157-1173. | 0.7 | 4 |
| 149 | A comparative Raman study of ferroelectric PbTiO ₃ single crystal and thin film prepared on MgO substrate. <i>Journal of Applied Physics</i> , 1998, 84, 452-457. | 1.1 | 46 |
| 150 | Disorder-induced Raman scattering in dilute ferroelectrics. <i>Ferroelectrics</i> , 1997, 199, 197-205. | 0.3 | 3 |
| 151 | Raman spectra of DRADP-25 dipolar glass: evidence for the mixed ferroelectric - glass phase. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 619-629. | 0.7 | 6 |
| 152 | Raman spectra of crystals in the proton glass state. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 3965-3975. | 0.7 | 11 |
| 153 | Polarized Raman spectra of Cs ₅ H ₃ (SO ₄) ₄ ·H ₂ O single crystals. <i>Ferroelectrics</i> , 1995, 167, 53-58. | 0.3 | 27 |
| 154 | Raman spectra of DRADP-50 dipolar glass. <i>Journal of Physics Condensed Matter</i> , 1995, 7, 683-695. | 0.7 | 7 |
| 155 | Raman study of critical fluctuations near the phase transition in ferroelectric Li ₂ Ge ₇ O ₁₅ . <i>Phase Transitions</i> , 1994, 46, 143-161. | 0.6 | 3 |
| 156 | Raman spectra of Cs ₂ CdBr ₄ single crystals. <i>Journal of Physics Condensed Matter</i> , 1993, 5, 5761-5772. | 0.7 | 8 |
| 157 | Activation of acoustic phonons in raman spectra of commensurate modulated phases in K ₂ SO ₄ -type crystals. <i>Ferroelectrics</i> , 1992, 125, 129-134. | 0.3 | 4 |
| 158 | Raman Spectra of [N(CH ₃) ₃] ₄ ZnCl ₄ Single Crystals I. Raman Spectra of the Parent Phase. <i>Physica Status Solidi (B): Basic Research</i> , 1991, 165, 305-318. | 0.7 | 11 |
| 159 | Raman Spectra of [N(CH ₃) ₃] ₄ ZnCl ₄ Single Crystals. II. Raman Spectra of Low Symmetry Phases. <i>Physica Status Solidi (B): Basic Research</i> , 1991, 167, 321-335. | 0.7 | 5 |
| 160 | Raman Spectra of [N(CH ₃) ₄] ₂ ZnCl ₄ Single Crystals. III. Activation of Acoustic Phonons in Raman Spectra of the Commensurately Modulated Phases. <i>Physica Status Solidi (B): Basic Research</i> , 1991, 167, 713-719. | 0.7 | 5 |
| 161 | Raman Spectra of [N(CH ₃) ₄] ₂ ZnCl ₄ Single Crystals IV. Isomorphous Substitutions. Raman Spectra of [(CH ₃) ₂ NH ₂] ₂ ZnCl ₄ and [(CH ₃) ₂ NH ₂] ₂ CoCl ₄ Crystals. <i>Physica Status Solidi (B): Basic Research</i> , 1991, 168, 317-325. | 0.7 | 13 |
| 162 | Raman spectra of CH ₃ NH ₃ Al(SO ₄) ₂ ·12H ₂ O and (CH ₃) ₂ NH ₂ Al(SO ₄) ₂ ·GH ₂ O crystals. <i>Ferroelectrics</i> , 1990, 110, 13-20. | 0.3 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Raman Spectra of the Incommensurate and Ferroelectric Phases of Rb_2CoCl_4 Single Crystals. <i>Physica Status Solidi (B): Basic Research</i> , 1989, 154, 777-787. | 0.7 | 11 |
| 164 | Raman spectra in solid solutions of rochelle salt-ammonium rochelle salt. <i>Ferroelectrics</i> , 1987, 75, 455-468. | 0.3 | 6 |
| 165 | Raman spectra of a $\text{LiN(H}_x\text{D}_{1-x})_4\text{SO}_4$ mixed crystal. <i>Physica Status Solidi (B): Basic Research</i> , 1986, 135, 93-104. | 0.7 | 17 |