

Yury I Yuzyuk

List of Publications by Year in descending order

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165
papers

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201385

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165
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165
docs citations

165
times ranked

2140
citing authors

#	ARTICLE	IF	CITATIONS
1	Lattice dynamics in $\text{PbMg}_{1-x}\text{Nb}_2\text{O}_3$. Physical Review B, 2004, 70, .	1.1	102
2	Raman scattering spectra of ceramics, films, and superlattices of ferroelectric perovskites: A review. Physics of the Solid State, 2012, 54, 1026-1059.	0.2	100
3	Modulated phases in NaNbO_3 : Raman scattering, synchrotron x-ray diffraction, and dielectric investigations. Journal of Physics Condensed Matter, 2005, 17, 4977-4990.	0.7	98
4	Optical phonon modes in ZnO nanorods on Si prepared by pulsed laser deposition. Journal of Crystal Growth, 2006, 287, 39-43.	0.7	69
5	Phenomenological theory of phase transitions in epitaxial BaTiO_3 thin films. Physical Review B, 2009, 79, .	1.1	69
6	Phenomenological theory of phase transitions in epitaxial BaTiO_3 thin films. Physical Review B, 2007, 75, .	1.1	64
7	Experimental Evidence of a Mechanical Coupling between Layers in an Individual Double-Walled Carbon Nanotube. Nano Letters, 2011, 11, 4800-4804.	4.5	62
8	Polarization-dependent Raman spectra of heteroepitaxial $(\text{Ba,Sr})\text{TiO}_3/\text{MgO}$ thin films. Physical Review B, 2002, 65, .	1.1	60
9	Synchrotron x-ray diffraction and Raman scattering investigations of $(\text{Li}_x\text{Na}_{1-x})\text{NbO}_3$ solid solutions: Evidence of the rhombohedral phase. Physical Review B, 2004, 69, .	1.1	60
10	Stress effect on the ferroelectric-to-paraelectric phase transition in heteroepitaxial $(\text{Ba,Sr})\text{TiO}_3/(001)\text{MgO}$ thin film studied by Raman scattering and x-ray diffraction. Physical Review B, 2002, 66, .	1.1	50
11	Lattice anharmonicity and polar soft mode in ferrimagnetic M-type hexaferrite $\text{BaFe}_{12}\text{O}_{19}$ single crystal. European Physical Journal B, 2014, 87, 1.	0.6	50
12	A comparative Raman study of ferroelectric PbTiO_3 single crystal and thin film prepared on MgO substrate. Journal of Applied Physics, 1998, 84, 452-457.	1.1	46
13	Ferroelectric Q and antiferroelectric P phases' coexistence and local phase transitions in oxygen-deficient NaNbO_3 single crystal: micro-Raman, dielectric and dilatometric studies. Journal of Raman Spectroscopy, 2012, 43, 1141-1145.	1.2	44
14	Electrochemical dispergation as a simple and effective technique toward preparation of NiO based nanocomposite for supercapacitor application. Electrochimica Acta, 2013, 114, 356-362.	2.6	42
15	Stress relaxation in heteroepitaxial $(\text{Ba,Sr})\text{TiO}_3/(001)\text{MgO}$ thin film studied by micro-Raman spectroscopy. Physical Review B, 2003, 68, .	1.1	41
16	Folded acoustic phonons and soft mode dynamics in $\text{BaTiO}_3/\text{SrTiO}_3$ superlattices. Physical Review B, 2004, 69, .	1.1	41
17	Compositional engineering of $\text{BaTiO}_3/(\text{Ba,Sr})\text{TiO}_3$ ferroelectric superlattices. Journal of Applied Physics, 2013, 114, .	1.1	37
18	Polarized Raman and electrical study of single crystalline titanium modified lead magnesio-niobate. Journal of Physics Condensed Matter, 1998, 10, 9161-9171.	0.7	36

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19	Periodicity and composition in artificial BaTiO_3 thin films. <i>Journal of Applied Physics</i> , 2003, 93, 9930-9937.		36
20	Phase transitions in $(\text{Ba}_{0.7}\text{Sr}_{0.3})\text{TiO}_3/(\text{001})\text{MgO}$ thin film studied by Raman scattering. <i>Journal of Applied Physics</i> , 2003, 93, 9930-9937.	1.1	35
21	Ferroelectric Q-phase in a NaNbO_3 epitaxial thin film. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	32
22	Dielectric Properties and Leakage Current Characteristics of Sol-Gel Derived $(\text{Ba}_{0.5}\text{Sr}_{0.5})\text{TiO}_3:\text{MgTiO}_3$ Thin Film Composites. <i>Ferroelectrics, Letters Section</i> , 2003, 30, 99-107.	0.4	31
23	On the nature of phase transitions in the tetragonal tungsten bronze $\text{GdK}_{2-x}\text{Nb}_5\text{O}_{15-x}$ ceramics. <i>Journal of Applied Physics</i> , 2014, 115, 064104.	1.1	31
24	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
25	Ferroelectric $\text{BaTiO}_3/\text{BaZrO}_3$ superlattices: X-ray diffraction, Raman spectroscopy, and polarization hysteresis loops. <i>Journal of Applied Physics</i> , 2010, 108, 084104.	1.1	30
26	Local symmetry breaking in $\text{Pb}_x\text{Sr}_{1-x}\text{TiO}_3$ ceramics and composites studied by Raman spectroscopy. <i>Journal of Applied Physics</i> , 2005, 98, 024116.	1.1	28
27	Phenomenological description of phase transitions in thin BaTiO_3 films. <i>Physics of the Solid State</i> , 2008, 50, 928-936.	0.2	28
28	Polarized Raman spectra of $\text{Cs}_5\text{H}_3(\text{SO}_4)_4\text{H}_2\text{O}$ single crystals. <i>Ferroelectrics</i> , 1995, 167, 53-58.	0.3	27
29	Material constants of $(\text{Ba,Sr})\text{TiO}_3$ solid solutions. <i>Physics of the Solid State</i> , 2013, 55, 773-779.	0.2	25
30	Raman Spectroscopy of Bulk and Thin-Layer $(\text{Ba,Sr})\text{TiO}_3$ Ferroelectrics. <i>Ferroelectrics</i> , 2004, 303, 101-105.	0.3	23
31	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
32	Soft mode dynamics and the reduction of Ti^{4+} -disorder in ferroelectric relaxor superlattices $\text{BaTiO}_3/\text{BaTi}_{0.68}\text{Zr}_{0.32}\text{O}_3$. <i>Physical Review B</i> , 2006, 74, .	1.1	22
33	Investigation of defectiveness of multiwalled carbon nanotubes produced with Fe/Co catalysts of different composition. <i>Journal of Nanophotonics</i> , 2016, 10, 012526.	0.4	22
34	Crystallographic shear in niobium oxides of different compositions. <i>Crystallography Reports</i> , 2004, 49, 820-827.	0.1	21
35	Raman Spectra of $\text{PbFe}_{0.5}\text{Nb}_{0.5}\text{O}_3$ Multiferroic Single Crystals and Ceramics. <i>Ferroelectrics</i> , 2012, 438, 107-114.	0.3	21
36	Strain engineering of perovskite thin films using a single substrate. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 292201.	0.7	21

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37	Interlayer Dependence of G-Modes in Semiconducting Double-Walled Carbon Nanotubes. Journal of Physical Chemistry C, 2015, 119, 23196-23202.	1.5	21
38	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
39	Structural phase transitions in nanosized ferroelectric barium strontium titanate films. Physics of the Solid State, 2008, 50, 485-489.	0.2	18
40	Raman spectra of a LiN(H _x D _{1-x}) ₄ SO ₄ mixed crystal. Physica Status Solidi (B): Basic Research, 1986, 135, 93-104.	0.7	17
41	Low-wavenumber dynamics of L-alanine. Journal of Raman Spectroscopy, 2005, 36, 749-754.	1.2	17
42	Raman spectroscopy study of lattice dynamics of macro-, micro-, and nanostructured barium titanates. Physics of the Solid State, 2014, 56, 310-316.	0.2	17
43	Heteroepitaxial films of a bismuth ferrite multiferroic doped with neodymium. Physics-Uspexhi, 2009, 52, 856-860.	0.8	16
44	Combinatorial (Ba,Sr)TiO ₃ thin film growth: X-ray diffraction and Raman spectroscopy. Journal of Applied Physics, 2009, 106, .	1.1	15
45	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
46	Phenomenological description of thin SrTiO ₃ films. Physics of the Solid State, 2009, 51, 1025-1032.	0.2	14
47	Raman spectroscopy of BaTiO ₃ /(Ba,Sr)TiO ₃ superlattices. Physics of the Solid State, 2011, 53, 1062-1066.	0.2	14
48	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. Physica Status Solidi (B): Basic Research, 1991, 168, 317-325.	0.7	13
49	Stress manipulation in ferroelectric thin films and superlattices. Vibrational Spectroscopy, 2007, 45, 108-111.	1.2	13
50	Polarization of thin barium-strontium titanate films by an external electric field. Technical Physics, 2011, 56, 1175-1180.	0.2	13
51	Highly constrained ferroelectric [BaTiO ₃] _(1-x) /[BaZrO ₃] _x superlattices: X-ray diffraction and Raman spectroscopy. Journal of Applied Physics, 2014, 116, 034108.	1.1	13
52	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
53	Symmetry of the carbon nanotube modes and their origin from the phonon branches of graphene. Physical Review B, 2013, 87, .	1.1	12
54	Phonon and magnon excitations in Raman spectra of an epitaxial bismuth ferrite film. Physics of the Solid State, 2014, 56, 2507-2513.	0.2	12

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55	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
56	Raman Spectra of $[\text{N}(\text{CH}_3)_4]_2\text{ZnCl}_4$ Single Crystals I. Raman Spectra of the Parent Phase. <i>Physica Status Solidi (B): Basic Research</i> , 1991, 165, 305-318.	0.7	11
57	Raman spectra of crystals in the proton glass state. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 3965-3975.	0.7	11
58	Polarized Raman Spectra of $\text{BaTiO}_3/\text{SrTiO}_3$ Superlattices. <i>Ferroelectrics</i> , 2005, 329, 3-12.	0.3	11
59	Influence of the growth mechanism and thermoelastic stresses on the lattice dynamics of heteroepitaxial films of barium strontium titanate. <i>Physics of the Solid State</i> , 2007, 49, 1759-1765.	0.2	11
60	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
61	Giant increase of ferroelectric phase transition temperature in highly strained ferroelectric $[\text{BaTiO}_3]_{0.7} / [\text{BaZrO}_3]_{0.3}$ superlattice. <i>Europhysics Letters</i> , 2014, 106, 17004.	0.7	11
62	Anomalies of piezoelectric coefficients in barium titanate thin films. <i>Europhysics Letters</i> , 2014, 108, 47008.	0.7	11
63	Material constants of barium titanate thin films. <i>Physics of the Solid State</i> , 2015, 57, 1535-1540.	0.2	11
64	A comparative Raman study of $0.65(\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3) - 0.35(\text{PbTiO}_3)$ single crystal and thin film. <i>European Physical Journal B</i> , 2012, 85, 1.	0.6	10
65	Phase Diagrams of $\text{BaTiO}_3/\text{BaZrO}_3$ Superlattices. <i>Ferroelectrics</i> , 2013, 444, 168-176.	0.3	10
66	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
67	Phase transitions in barium-strontium titanate films on MgO substrates with various orientations. <i>Physics of the Solid State</i> , 2016, 58, 2027-2034.	0.2	10
68	Effect of growth mechanisms on the deformation of a unit cell and polarization reversal in barium-strontium titanate heterostructures on magnesium oxide. <i>Technical Physics</i> , 2016, 61, 91-96.	0.2	10
69	Magnetolectricity (Scientific session of the Physical Sciences Division of the Russian Academy of Sciences) Tj ETQq1 1 0.784314 rgBTg/Overlo	0.8	9
70	Raman Probing of Uniaxial Strain in Individual Single-Wall Carbon Nanotubes in a Composite Material. <i>Journal of Physical Chemistry C</i> , 2010, 114, 16210-16214.	1.5	9
71	Phase transitions in two- and three-component perovskite superlattices. <i>Physics of the Solid State</i> , 2015, 57, 486-490.	0.2	9
72	Raman spectra of $\text{CH}_3\text{NH}_3\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ and $(\text{CH}_3)_2\text{NH}_2\text{Al}(\text{SO}_4)_2 \cdot \text{GH}_2\text{O}$ crystals. <i>Ferroelectrics</i> , 1990, 110, 13-20.	0.3	8

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73	Raman spectra of Cs ₂ CdBr ₄ single crystals. Journal of Physics Condensed Matter, 1993, 5, 5761-5772.	0.7	8
74	Rotational polar structural distortions in Pb _{1-x} CaxTiO ₃ solid solutions from Raman spectroscopic data. Physics of the Solid State, 2006, 48, 919-928.	0.2	8
75	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
76	Raman spectra of polycrystalline bismuth titanate nanotubes. Physics of the Solid State, 2011, 53, 1867-1871.	0.2	8
77	Femtosecond Infrared Laser Annealing of PZT Films on a Metal Substrate. Ferroelectrics, 2012, 433, 164-169.	0.3	8
78	Investigations of Ba _x Sr _{1-x} TiO ₃ ceramics and powders prepared by direct current arc discharge technique. Applied Physics Letters, 2014, 105, .	1.5	8
79	Features of the Jahn-Teller transition in Ni ²⁺ x Co x Cr ₂ O ₄ solid solutions. Physics of the Solid State, 2014, 56, 785-791.	0.2	8
80	The problem of determining elastic constants of thin ferroelectric films. Doklady Physics, 2015, 60, 349-354.	0.2	8
81	Comparative Raman Study of Individual Double-Walled Carbon Nanotubes and Single-Walled Carbon Nanotubes. Journal of Nanoelectronics and Optoelectronics, 2013, 8, 9-15.	0.1	8
82	Raman spectra of DRADP-50 dipolar glass. Journal of Physics Condensed Matter, 1995, 7, 683-695.	0.7	7
83	Order-disorder behavior in betaine arsenate studied by Raman scattering. Physical Review B, 2000, 61, 15035-15041.	1.1	7
84	Dielectric properties of nanometer-thick barium-strontium titanate films. Technical Physics, 2008, 53, 1485-1489.	0.2	7
85	Orthorhombic polar Nd-doped BiFeO ₃ thin film on MgO substrate. Journal of Physics Condensed Matter, 2011, 23, 332201.	0.7	7
86	Amplification of raman scattering by localized plasmons in silver nanoparticles on the surface of zinc oxide nanorods. Technical Physics, 2012, 57, 1406-1410.	0.2	7
87	Difference Raman spectroscopy of DNA molecules. Journal of Physics: Conference Series, 2015, 584, 012022.	0.3	7
88	The cooperative Jahn-Teller effect and anti-isostructural phases in Ni^{2+} doped BaTiO_3 . Journal of Physics and Chemistry of Solids, 2015, 86, 42-48.	1.9	7
89	Thickness dependence of the properties of epitaxial barium strontium titanate thin films. Physics of the Solid State, 2015, 57, 1529-1534.	0.2	7
90	Coexistence of the soft mode and sub-THz central peak in ferroelectric BaTiO ₃ /(Ba,Sr)TiO ₃ superlattices. Superlattices and Microstructures, 2015, 87, 19-24.	1.4	7

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91	Raman spectra in solid solutions of rochelle salt-ammonium rochelle salt. <i>Ferroelectrics</i> , 1987, 75, 455-468.	0.3	6
92	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
93	Raman spectra and improper ferroelastic phase transition in single crystal. <i>Journal of Physics Condensed Matter</i> , 1999, 11, 889-903.	0.7	6
94	Comment on "Structural ordering transition and repulsion of the giant LO-TO splitting in polycrystalline $Ba_xSr_{1-x}TiO_3$ ". <i>Physical Review B</i> , 2003, 68, .	1.1	6
95	Stress Relaxation Effects in Ferroelectric Thin Films and Superlattices. <i>Ferroelectrics</i> , 2006, 334, 211-222.	0.3	6
96	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
97	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
98	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
99	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
100	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
101	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
102	Physical properties of $Ba_{0.8}Sr_{0.2}TiO_3$ thin films. <i>Physics of the Solid State</i> , 2016, 58, 2035-2039.	0.2	6
103	Raman Spectra of $[N(CH_3)_3]_2ZnCl_4$ Single Crystals. II. Raman Spectra of Low Symmetry Phases. <i>Physica Status Solidi (B): Basic Research</i> , 1991, 167, 321-335.	0.7	5
104	Raman Spectra of $[N(CH_3)_4]_2ZnCl_4$ 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
105	Phase transition sequence in the chiral compound $10FHBMM7^*$ studied by Raman scattering. <i>Liquid Crystals</i> , 1999, 26, 1805-1811.	0.9	5
106	Phase transition in betaine potassium bromide dihydrate studied by Raman scattering. <i>Journal of Physics Condensed Matter</i> , 2000, 12, 6253-6264.	0.7	5
107	Dynamic spectral response of solid solutions of the bismuth-strontium ferrite $Bi_{1-x}Sr_xFeO_3$ in the frequency range 0.3-200 THz. <i>Physics of the Solid State</i> , 2013, 55, 1417-1430.	0.2	5
108	Tunable pyroelectric properties of barium strontium titanate thin films. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 185701.	0.7	5

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109	Activation of acoustic phonons in raman spectra of commensurate modulated phases in K_2SO_4 -type crystals. <i>Ferroelectrics</i> , 1992, 125, 129-134.	0.3	4
110	Raman spectra of crystals. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 1157-1173.	0.7	4
111	Raman spectra and phase transition in betaine potassium iodide dihydrate. <i>Journal of Physics Condensed Matter</i> , 2000, 12, 1497-1506.	0.7	4
112	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
113	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
114	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
115	X-Ray diffraction and Raman spectroscopy studies of superlattices $BaTiO_3/(Ba_{0.5},Sr_{0.5})TiO_3/SrTiO_3$. <i>Physics of the Solid State</i> , 2014, 56, 594-598.	0.2	4
116	Anomalous change in the material moduli of thin films of barium titanate. <i>Journal of Applied Mechanics and Technical Physics</i> , 2015, 56, 1103-1110.	0.1	4
117	Ferroelectric superlattice based on barium-strontium titanate solid solutions. <i>Physics of the Solid State</i> , 2015, 57, 2246-2251.	0.2	4
118	Phase transition in ferroelectric $BaTiO_3/SrTiO_3$ superlattice: Raman spectroscopy studies. <i>Ferroelectrics</i> , 2016, 501, 61-69.	0.3	4
119	Raman study of critical fluctuations near the phase transition in ferroelectric $Li_2Ge_7O_{15}$. <i>Phase Transitions</i> , 1994, 46, 143-161.	0.6	3
120	Disorder-induced Raman scattering in dilute ferroelectrics. <i>Ferroelectrics</i> , 1997, 199, 197-205.	0.3	3
121	Raman scattering from relaxor ferroelectrics and related compounds. <i>Ferroelectrics</i> , 1999, 235, 9-18.	0.3	3
122	X-ray diffraction study of a sequence of phase transitions in Cs_2HgCl_4 crystals. <i>Physics of the Solid State</i> , 2001, 43, 350-354.	0.2	3
123	BARIUM-STROTIUM TITANATE BASED FERROELECTRIC HETEROSTRUCTURES. <i>Integrated Ferroelectrics</i> , 2009, 107, 83-91.	0.3	3
124	Electric-field-induced monoclinic phase in $(Ba,Sr)TiO_3$ thin film. <i>Journal of Applied Physics</i> , 2011, 109, 074111.	1.1	3
125	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
126	Raman Spectroscopy on Individual Identified Carbon Nanotubes. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1407, 110.	0.1	3

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145	Raman studies in SmCFI* phases. Liquid Crystals, 2004, 31, 727-752.	0.9	1
146	Micro-Raman response and phonon oscillator parameters in solid solutions $Pb_{1-x}Ca_xTiO_3$ (0.40 x). Journal of Applied Physics, 2004, 96, 044301.	0.2	1
147	Raman spectra of nickel-carbon nanocomposites. Proceedings of SPIE, 2010, , .	0.8	1
148	Structure and lattice dynamics of heterostructures based on bismuth ferrite and barium strontium titanate. Physics of the Solid State, 2013, 55, 2506-2515.	0.2	1
149	High pressure x-ray diffraction study of nickel-copper chromites solid solutions. Journal of Physics Condensed Matter, 2014, 26, 505401.	0.7	1
150	Raman and far-infrared spectra of weak ferroelectric cyclohexane-1,1-diacetic acid. , 1999, 30, 599-604.		0
151	Hydrogen Bonds Behaviour in Brominated Betaine Calcium Chloride Dihydrate. Ferroelectrics, 2002, 272, 137-142.	0.3	0
152	Structural and Electrical Investigations of Ferroelectric Lead Strontium Titanate Thin Films and Ceramics. Materials Research Society Symposia Proceedings, 2003, 784, 11151.	0.1	0
153	Effect of Mn Doping in ZnO Thin Films Deposited by Pulsed Laser Deposition. Materials Research Society Symposia Proceedings, 2003, 764, 1.	0.1	0
154	Raman Studies of $Pb_xSr_{1-x}TiO_3$ Ceramics and Composites. Ferroelectrics, 2004, 303, 159-161.	0.3	0
155	Stress alteration in heteroepitaxial $(Ba,Sr)TiO_3/(0 \leq x \leq 1)$ MgO thin films via growth mechanism. Journal Physics D: Applied Physics, 2007, 40, 4271-4275.	1.3	0
156	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
157	Specific features of optical phonons in raman spectra of an array of vertical ZnO microrods on silicon. Physics of the Solid State, 2014, 56, 561-567.	0.2	0
158	Physical states and properties of barium titanate films in a plane electric field. Technical Physics, 2016, 61, 1073-1078.	0.2	0
159	Acoustic properties of BST08 films tunable by bias electric field. , 2016, , .		0
160	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
161	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
162	Induced pyroelectric effect in a planar field. Physics of the Solid State, 2017, 59, 914-919.	0.2	0

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163	10.1007/s11451-008-3015-7. , 2010, 50, 485.		0
164	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
165	Diagnostics of Carbonaceous Nanomaterial "Taunita" by Raman Spectroscopy. Journal of Nanoelectronics and Optoelectronics, 2012, 7, 95-98.	0.1	0