

Roberto L Moreira

List of Publications by Year in descending order

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190
papers

4,301
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117571

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#	ARTICLE	IF	CITATIONS
1	Vibrational spectroscopy and intrinsic dielectric properties of Sr ₂ RE ₈ (SiO ₄) ₆ O ₂ (RE=Rare earth) ceramics. <i>Materials Research Bulletin</i> , 2022, 146, 111616.	2.7	7
2	Optical-vibration and intrinsic dielectric properties of low-k high-Q Zn ₂ GeO ₄ ceramics. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 148, 109693.	1.9	5
3	Polymorphism in Gd ₂ Ge ₂ O ₇ ceramics: Structural, vibrational, and optical features. <i>Ceramics International</i> , 2021, 47, 15202-15209.	2.3	5
4	New insight on the use of diffuse reflectance spectroscopy for the optical characterization of Ln ₂ Ge ₂ O ₇ (Ln = lanthanides) pyrogermanates. <i>Journal of Luminescence</i> , 2021, 238, 118312.	1.5	9
5	Optical-vibration properties of Li ₂ ZnGeO ₄ dielectric ceramics. <i>Vibrational Spectroscopy</i> , 2020, 110, 103130.	1.2	6
6	Polarized Raman scattering and infrared dispersion analysis of Na ₂ ZnGeO ₄ ceramics. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1372-1382.	1.2	1
7	Microstructure and optical vibration features of complex cobalt molybdates synthesized by the microwave and conventional hydrothermal processes. <i>Vibrational Spectroscopy</i> , 2020, 109, 103107.	1.2	1
8	A soft chemistry approach to preparing (de)sodiated transition-metal hydroxy molybdates. <i>CrystEngComm</i> , 2020, 22, 1939-1955.	1.3	5
9	New insights on the structural and optical-vibration properties of noncentrosymmetric lanthanides pyrogermanates. <i>Ceramics International</i> , 2020, 46, 13491-13501.	2.3	4
10	Exfoliation and characterization of a two-dimensional serpentine-based material. <i>Nanotechnology</i> , 2019, 30, 445705.	1.3	14
11	Synthesis and characterisation of the vibrational and electrical properties of antiferromagnetic 6L-Ba ₂ CoTeO ₆ ceramics. <i>Dalton Transactions</i> , 2019, 48, 11112-11121.	1.6	1
12	Optical vibrational properties of Bi ₂ -Ca Sn ₂ O ₇ /2 ceramics. <i>Journal of Alloys and Compounds</i> , 2019, 786, 1030-1039.	2.8	1
13	Intra-grain polarized infrared spectroscopy realized in domain-engineered Zn ₂ GeO ₄ ceramics. <i>Materials Research Bulletin</i> , 2019, 118, 110513.	2.7	4
14	Polymorphism and Optical "Vibration Properties of MnV ₂ O ₆ ·nH ₂ O (n = 0, 2, 4) Prepared by Microwave Irradiation. <i>Crystal Growth and Design</i> , 2019, 19, 3233-3243.	1.4	13
15	Structural, optical-vibration and magnetic properties of tetragonal lanthanide pyrogermanates obtained by molten-salt synthesis. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 482, 160-167.	1.0	8
16	Synthesis, structural and optical "vibration properties of Ba ₃ Sc ₄ O ₉ and Sr ₃ Sc ₄ O ₉ ceramics. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 474-480.	1.2	3
17	Synthesis of SmLuO ₃ and EuLuO ₃ interlanthanides from hydrothermally-derived nanostructured precursors. <i>Arabian Journal of Chemistry</i> , 2019, 12, 4035-4043.	2.3	2
18	Hydrothermal synthesis and polarized micro-Raman spectroscopy of copper molybdates. <i>Ceramics International</i> , 2018, 44, 12426-12434.	2.3	11

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19	Infrared Fingerprints of Natural 2D Talc and Plasmon-Phonon Coupling in Graphene-Talc Heterostructures. ACS Photonics, 2018, 5, 1912-1918.	3.2	41
20	Vibronic singlet and triplet steady-state interplay emissions in phenazine-based 1,2,3-triazole films. Chemical Physics Letters, 2018, 695, 176-182.	1.2	5
21	Polarized Raman, FTIR and DFT study of $\text{Na}_2\text{Ti}_3\text{O}_7$ microcrystals. Journal of Raman Spectroscopy, 2018, 49, 538-548.	1.2	54
22	Investigation of Polymorphism and Vibrational Properties of MnMoO_4 Microcrystals Prepared by a Hydrothermal Process. Crystal Growth and Design, 2018, 18, 2474-2485.	1.4	19
23	Infrared dispersion analysis and Raman scattering spectra of taurine single crystals. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 188, 276-284.	2.0	10
24	Polarization-resolved Raman modes of monoclinic SrAl_2O_4 ceramics. Journal of Raman Spectroscopy, 2018, 49, 1514-1521.	1.2	12
25	Raman and infrared spectroscopic investigations of a ferroelastic phase transition in $\text{B}_a\text{ZnTe}_{0.9}\text{O}_6$ double perovskite. Physical Review Materials, 2018, 2, .	0.9	16
26	Raman and infrared spectroscopic studies of LaTaTiO_6 polymorphs. Journal of Alloys and Compounds, 2017, 710, 608-615.	2.8	11
27	Thermal, vibrational and optical properties of PrLuO_3 interlanthanides from hydrothermally-derived precursors. Dalton Transactions, 2017, 46, 825-835.	1.6	2
28	Synthesis and $\frac{1}{4}$ -Raman scattering of Ruddlesden-Popper ceramics $\text{Sr}_3\text{Ti}_2\text{O}_7$, $\text{SrLa}_2\text{Al}_2\text{O}_7$ and $\text{Sr}_2\text{LaAlTiO}_7$. Journal of Alloys and Compounds, 2017, 725, 77-83.	2.8	13
29	Hybrid systems based on gold nanostructures and porphyrins as promising photosensitizers for photodynamic therapy. Colloids and Surfaces B: Biointerfaces, 2017, 150, 297-307.	2.5	33
30	High-temperature antiferroelectric and ferroelectric phase transitions in phase pure LaTaO_4 . Ceramics International, 2017, 43, 1543-1551.	2.3	6
31	Micro far-infrared dielectric response of lanthanide orthotantalates for applications in microwave circuitry. Journal of Alloys and Compounds, 2017, 693, 1243-1249.	2.8	15
32	Monitoring the Structural and Vibrational Properties in RE-Doped SrTiO_3 Ceramic Powders. Journal of Physical Chemistry C, 2016, 120, 16960-16968.	1.5	24
33	Structural and vibrational properties of phase-pure monoclinic NdLuO_3 interlanthanides synthesized from nanostructured precursors. Journal of Alloys and Compounds, 2016, 678, 57-64.	2.8	4
34	Structural order, magnetic and intrinsic dielectric properties of magnetoelectric $\text{La}_2\text{CoMnO}_6$. Journal of Alloys and Compounds, 2016, 661, 541-552.	2.8	38
35	Optical phonon modes and infrared dielectric properties of monoclinic CoWO_4 microcrystals. Journal Physics D: Applied Physics, 2016, 49, 045305.	1.3	10
36	Almeidaite, $\text{Pb}(\text{Mn},\text{Y})\text{Zn}_2(\text{Ti},\text{Fe})_{3+}\text{O}_{18}(\text{O},\text{OH})_2$, a new crichtonite-group mineral, from Novo Horizonte, Bahia, Brazil. Mineralogical Magazine, 2015, 79, 269-283.	0.6	14

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37	Optical phonon features of triclinic montebrasite: Dispersion analysis and non-polar Raman modes. <i>Vibrational Spectroscopy</i> , 2015, 77, 25-34.	1.2	4
38	Influence of the Matrix on the Red Emission in Europium Self-Activated Orthoceramics. <i>Journal of Physical Chemistry C</i> , 2015, 119, 17825-17835.	1.5	35
39	Unusual Angular Dependence of the Raman Response in Black Phosphorus. <i>ACS Nano</i> , 2015, 9, 4270-4276.	7.3	301
40	Intrinsic dielectric properties of magnetodielectric La ₂ CoMnO ₆ . <i>Journal of Applied Physics</i> , 2015, 117, .	1.1	30
41	Optical phonon characteristics of an orthorhombic-transformed polymorph of CaTa ₂ O ₆ single crystal fibre. <i>Materials Research Express</i> , 2014, 1, 016304.	0.8	3
42	One-pot synthesis of CdS@Nb ₂ O ₅ core-shell nanostructures with enhanced photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2014, 152-153, 403-412.	10.8	37
43	Synchrotron X-ray diffraction and Raman spectroscopy of Ln ₃ NbO ₇ (Ln=La, Pr, Nd, Sm-Lu) ceramics obtained by molten-salt synthesis. <i>Journal of Solid State Chemistry</i> , 2014, 209, 63-68.	1.4	34
44	Raman and infrared study of hydroxyl sites in natural uvite, fluor-uvite, magnesio-foitite, dravite and elbaite tourmalines. <i>Physics and Chemistry of Minerals</i> , 2014, 41, 247-254.	0.3	28
45	Structure and Microwave Dielectric Properties of Low Firing Bi ₂ Te ₂ W ₃ Ceramics. <i>Journal of the American Ceramic Society</i> , 2014, 97, 1096-1102.	1.7	17
46	Lanthanide Orthoantimonate Light Emitters: Structural, Vibrational, and Optical Properties. <i>Chemistry of Materials</i> , 2014, 26, 6351-6360.	3.2	23
47	Crystal structure of fluorite-related Ln ₃ SbO ₇ (Ln=La-Dy) ceramics studied by synchrotron X-ray diffraction and Raman scattering. <i>Journal of Solid State Chemistry</i> , 2013, 203, 326-332.	1.4	20
48	Room-temperature vibrational properties of the BiMn ₂ O ₅ mullite. <i>Vibrational Spectroscopy</i> , 2013, 66, 43-49.	1.2	11
49	Polymorphic-Induced Transformations in CaTa ₂ O ₆ Single-Crystal Fibers Obtained by Laser-Heated Pedestal Growth. <i>Crystal Growth and Design</i> , 2013, 13, 5289-5294.	1.4	4
50	Electrocaloric Effect in ¹³⁷ Ir-Irradiated P(VDF-TrFE) Copolymers with Relaxor Features. <i>Ferroelectrics</i> , 2013, 446, 1-8.	0.3	6
51	Electrocaloric effect in ¹³⁷ Ir-irradiated P(VDF-TrFE) relaxors. , 2012, , .		0
52	Electrocaloric effect in low-crystallinity ferroelectric polymers. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	5
53	Optical phonon features in ferroelectric Bi ₃ Fe _{1/2} Nb _{3/2} O ₉ . <i>Vibrational Spectroscopy</i> , 2012, 63, 409-417.	1.2	4
54	Vibrational Spectroscopy of Ca ₂ LnTaO ₆ (Ln = lanthanides, Y, and In) and Ca ₂ InNbO ₆ Double Perovskites. <i>Chemistry of Materials</i> , 2011, 23, 14-20.	3.2	42

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55	Intrinsic and extrinsic dielectric responses of CaCu ₃ Ti ₄ O ₁₂ thin films. Journal of Applied Physics, 2011, 110, .	1.1	7
56	Spectroscopic characterization of transition metal impurities in natural montebrasite/amblygonite. American Mineralogist, 2011, 96, 42-52.	0.9	14
57	Micro Far-Infrared Reflectivity of CaNb ₂ O ₆ Single Crystal Fibers Grown by the Laser-Heated Pedestal Growth Technique. Crystal Growth and Design, 2011, 11, 3472-3478.	1.4	16
58	Raman and Infrared Phonon Features in a Designed Cubic Polymorph of CaTa ₂ O ₆ . Crystal Growth and Design, 2011, 11, 5567-5573.	1.4	14
59	Microwave-hydrothermal preparation of alkaline-earth-metal tungstates. Journal of Materials Science, 2010, 45, 6083-6093.	1.7	27
60	Crystal structures and phonon modes of Ba(Ca _{1/2} W _{1/2})O ₃ , Ba(Ca _{1/2} Mo _{1/2})O ₃ and Ba(Sr _{1/2} W _{1/2})O ₃ complex perovskites investigated by Raman scattering. Journal of Raman Spectroscopy, 2010, 41, 93-97.	1.2	9
61	Vibrational spectroscopic study of Sr ₂ ZnTeO ₆ double perovskites. Journal of Raman Spectroscopy, 2010, 41, 702-706.	1.2	35
62	Crystal structure and phonon modes of ilmenite-type NaBiO ₃ investigated by Raman and infrared spectroscopies. Journal of Raman Spectroscopy, 2010, 41, 698-701.	1.2	21
63	Polarized Raman scattering and infrared spectroscopy of a natural manganocolumbite single crystal. Journal of Raman Spectroscopy, 2010, 41, 1044-1049.	1.2	8
64	Cocrystallization in ternary blends of ferroelectric copolymers. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 621-626.	2.4	2
65	Polarized Micro-Raman Scattering of CaNb ₂ O ₆ Single Crystal Fibers Obtained by Laser Heated Pedestal Growth. Crystal Growth and Design, 2010, 10, 1569-1573.	1.4	25
66	Thermal enhancement of chemical doping in graphene: a Raman spectroscopy study. Journal of Physics Condensed Matter, 2010, 22, 334202.	0.7	36
67	Synthesis and Crystal Structure of Lanthanide Orthoniobates Studied by Vibrational Spectroscopy. Chemistry of Materials, 2010, 22, 2668-2674.	3.2	95
68	Infrared reflectivity of the phonon spectra in multiferroic $TbMnO_3$. Physical Review B, 2010, 82, .	1.1	19
69	Elastic and magnetic effects on the infrared phonon spectra of MnF_2 . Physical Review B, 2010, 82, .	1.1	28
70	Microwave and infrared dielectric properties of Sr _{1-x/2} Ce _{x/2} TiO ₃ ($x = 0.154 \text{--} 0.400$) incipient ferroelectrics at cryogenic temperatures. Journal Physics D: Applied Physics, 2009, 42, 075411.	1.3	19
71	Enhanced dielectric response of GeO ₂ -doped CaCu ₃ Ti ₄ O ₁₂ ceramics. Journal of Applied Physics, 2009, 105, .	1.1	35
72	Nanostructured 3-D collagen/nanotube biocomposites for future bone regeneration scaffolds. Nano Research, 2009, 2, 462-473.	5.8	53

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73	Vibrational Spectroscopy and Electron-Phonon Interactions in Microwave-Hydrothermal Synthesized $\text{Ba}(\text{Mn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ Complex Perovskites. <i>Journal of Physical Chemistry B</i> , 2009, 113, 9749-9755.	1.2	14
74	Raman Scattering and Fourier Transform Infrared Spectroscopy of $\text{Me}_6\text{Al}_2(\text{OH})_{16}\text{Cl}_2 \cdot 4\text{H}_2\text{O}$ (Me = Mg, Ni, Zn). <i>Physical Chemistry C</i> , 2009, 113, 13358-13368.	1.5	59
75	Disorder-induced symmetry lowering in $\text{Ba}(\text{Y}_{1/2}\text{Nb}_{1/2})\text{O}_3$ ceramics probed by Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 1805-1810.	1.2	20
76	Infrared and ultraviolet-visible spectroscopy study of the degradation of polyester and polyester/ethylene methyl acrylate copolymer blend coatings on steel. <i>Journal of Applied Polymer Science</i> , 2008, 109, 2103-2112.	1.3	7
77	Vibrational Studies and Microwave Dielectric Properties of A-Site-Substituted Tellurium-Based Double Perovskites. <i>Chemistry of Materials</i> , 2008, 20, 4347-4355.	3.2	73
78	Raman Scattering and Infrared Spectroscopy of Chemically Substituted $\text{Sr}_2\text{LnTaO}_6$ (Ln = Lanthanides, Y, and In) Double Perovskites. <i>Chemistry of Materials</i> , 2008, 20, 5253-5259.	3.2	49
79	Crystal structure, Raman spectroscopy, far-infrared, and microwave dielectric properties of $(1-x)\text{La}(\text{MgSn})_0.5\text{O}_3-x\text{Nd}(\text{MgSn})_0.5\text{O}_3$ system. <i>Journal of Applied Physics</i> , 2008, 103, .	1.1	28
80	Optical phonon characteristics of incommensurate and commensurate modulated phases of Bi_3NbO_7 ceramics. <i>Journal of Applied Physics</i> , 2008, 103, 094108.	1.1	6
81	Decarboxylation of Oxidized Single-Wall Carbon Nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 3421-3430.	0.9	7
82	Nanowires and Nanoribbons Formed by Methylphosphonic Acid. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 3071-3080.	0.9	3
83	Infrared phonon dynamics of a multiferroic BiFeO_3 single crystal. <i>Physical Review B</i> , 2007, 76, .	1.1	116
84	Structure and Microwave Dielectric Properties of $\text{Sr}_{2+n}\text{Ce}_2\text{Ti}_5+n\text{O}_{15+3n}$ ($n \approx 10$) Homologous Series. <i>Chemistry of Materials</i> , 2007, 19, 4077-4082.	3.2	71
85	Raman Spectroscopy of $(\text{Ba}_{1-x}\text{Sr}_x)(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ Solid Solutions from Microwave-Hydrothermal Powders. <i>Chemistry of Materials</i> , 2007, 19, 2335-2341.	3.2	50
86	Optical Phonon Modes and Dielectric Behavior of $\text{Sr}_{1-x}\text{Ce}_x\text{TiO}_3$ Microwave Ceramics. <i>Chemistry of Materials</i> , 2007, 19, 6548-6554.	3.2	55
87	Raman-spectroscopic investigation of and perovskites. <i>Journal of Solid State Chemistry</i> , 2007, 180, 2143-2148.	1.4	36
88	Comment on "Prediction of lattice constant in cubic perovskites". <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 1617-1622.	1.9	213
89	Raman-spectroscopic investigations on the crystal structure and phonon modes of $\text{Ba}(\text{RE}_{1/2}\text{Ta}_{1/2})\text{O}_3$ microwave ceramics. <i>Journal of the European Ceramic Society</i> , 2007, 27, 2803-2809.	2.8	33
90	Raman scattering study of the high temperature phase transitions of NaTaO_3 . <i>Journal of the European Ceramic Society</i> , 2007, 27, 3683-3686.	2.8	22

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91	Bipolariton laser emission from a GaAs microcavity. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007, 4, 622-624.	0.8	0
92	Production of Sr-deficient bismuth tantalates from microwave-hydrothermal derived precursors: Structural and dielectric properties. <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 645-649.	1.9	11
93	Optical phonon modes and crystal structure of NaLaF ₄ single crystals. <i>Journal of Applied Physics</i> , 2006, 99, 053510.	1.1	23
94	Chemical Substitution in Ba(RE _{1/2} Nb _{1/2})O ₃ (RE = La, Nd, Sm, Gd, Tb, and Y) Microwave Ceramics and Its Influence on the Crystal Structure and Phonon Modes. <i>Chemistry of Materials</i> , 2006, 18, 214-220.	3.2	88
95	Measurement of the Emitted Light Polarization State in Oriented and Non-Oriented PPV Films. <i>Macromolecular Symposia</i> , 2006, 245-246, 406-409.	0.4	6
96	Langmuir-Blodgett and Langmuir-Schaefer films of poly(5-amino-1-naphthol) conjugated polymer. <i>Applied Surface Science</i> , 2006, 253, 543-548.	3.1	29
97	Synthesis and characterisation of La _{0.4} Ba _{0.6} Ti _{0.6} RE _{0.4} O ₃ (where RE=Y, Yb) ceramics. <i>Journal of the European Ceramic Society</i> , 2006, 26, 1947-1951.	2.8	14
98	Vibrational spectra of monazite-type rare-earth orthophosphates. <i>Optical Materials</i> , 2006, 29, 224-230.	1.7	131
99	Dielectric behaviour and phase transition of SrAlF ₅ single crystals. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 2511-2523.	0.7	4
100	Ferroelastic Transitions and Cracks in Li ₃ ThF ₇ Single Crystals. <i>Ferroelectrics</i> , 2006, 334, 57-65.	0.3	1
101	Relaxor ferroelectric behavior of poly(vinylidene fluoride-trifluoroethylene) copolymer modified by low energy irradiation. <i>Applied Physics Letters</i> , 2006, 88, 192903.	1.5	11
102	About the Ferroelectricity of SrAlF ₅ . <i>Ferroelectrics</i> , 2006, 334, 233-240.	0.3	0
103	Polarized micro-Raman spectroscopy of oriented A(B ^{2/3} B ^{1/3})O ₃ powders and microwave ceramics. <i>Journal of the European Ceramic Society</i> , 2005, 25, 2843-2847.	2.8	11
104	Vibrational spectrum and lattice dynamics of KY ₃ F ₁₀ single crystals. <i>Vibrational Spectroscopy</i> , 2005, 37, 21-26.	1.2	14
105	Infrared-spectroscopic study of orthorhombic YF ₃ and LuF ₃ single crystals. <i>Vibrational Spectroscopy</i> , 2005, 39, 244-248.	1.2	10
106	Raman and infrared spectroscopic investigations on the crystal structure and phonon modes of LaYbO ₃ ceramics. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 2775-2781.	0.7	20
107	Vibrational spectroscopy and microwave dielectric properties of Ca _{5-x} BaxNb ₂ TiO ₁₂ and Ca _{5-x} BaxTa ₂ TiO ₁₂ ceramics. <i>Journal of Applied Physics</i> , 2005, 98, 084105.	1.1	7
108	Low-loss Ca _{5-x} SrxA ₂ TiO ₁₂ [A=Nb,Ta] ceramics: Microwave dielectric properties and vibrational spectroscopic analysis. <i>Journal of Applied Physics</i> , 2005, 97, 104108.	1.1	31

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109	Infrared reflectivity and intrinsic dielectric behavior of RETiTaO6 (RE = Y, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy,) Tj ETQq1 1 0,784314.rgBT /Over	1.2	12
110	Effect of Nonstoichiometry on the Structure and Microwave Dielectric Properties of Ba(Mg0.33Ta0.67)O3. Chemistry of Materials, 2005, 17, 142-151.	3.2	113
111	Polarized Micro-Raman Spectroscopy of Ba(Mg1/3Nb2/3)O3 Single Crystal Fibers. Crystal Growth and Design, 2005, 5, 1457-1462.	1.4	24
112	Raman and Infrared Reflectivity Determination of Phonon Modes and Crystal Structure of Czochralski-Grown NaLnF4(Ln = La, Ce, Pr, Sm, Eu, and Gd) Single Crystals. Chemistry of Materials, 2005, 17, 4523-4529.	3.2	56
113	Thermally induced stacking of octadecylphosphonic acid self-assembled bilayers. Nanotechnology, 2004, 15, 682-686.	1.3	12
114	Asymmetric line shape in the emission spectra of conjugated polymer thin films: An experimental signature of one-dimensional electronic states. Journal of Chemical Physics, 2004, 121, 3836-3839.	1.2	17
115	Crystalline structure of SrAlF5 investigated by vibrational spectroscopy. Journal of Physics Condensed Matter, 2004, 16, 7511-7520.	0.7	8
116	Sequence of structural phase transitions of CsInF4 crystal. Solid State Communications, 2004, 129, 539-543.	0.9	1
117	Crystal structure and vibrational spectrum of the NaCaMg2F7 pyrochlore. Journal of Solid State Chemistry, 2004, 177, 2943-2950.	1.4	17
118	Two new low-temperature phase transitions in the Li(NH4)1-xNaxSO4 system. Phase Transitions, 2004, 77, 921-928.	0.6	0
119	Raman-spectroscopic study of lanthanide trifluorides with the Å-YF3 structure. Journal of Physics Condensed Matter, 2004, 16, 3207-3218.	0.7	59
120	AFM studies of poly (5-amino-1-naphthol) ultrathin films obtained by associating Langmuir-Schaefer and Langmuir-Blodgett methods. Synthetic Metals, 2004, 145, 147-151.	2.1	5
121	Biosorption of copper ions by dried leaves: chemical bonds and site symmetry. Hydrometallurgy, 2003, 71, 277-283.	1.8	18
122	Vibrational spectrum of Na2ThF6 single crystals. Vibrational Spectroscopy, 2003, 31, 159-166.	1.2	6
123	Raman scattering study of RETiTaO6 dielectric ceramics. Journal of the European Ceramic Society, 2003, 23, 2661-2666.	2.8	33
124	Infrared Spectroscopic Investigations in Ordered Barium Magnesium Niobate Ceramics. Journal of the American Ceramic Society, 2003, 86, 1985-1987.	1.9	19
125	Far-infrared spectroscopy in ordered and disordered BaMg1/3Nb2/3O3 microwave ceramics. Journal of Applied Physics, 2003, 94, 3414-3421.	1.1	48
126	Temperature effects on the vibronic spectra of BEH-PPV conjugated polymer films. Journal of Chemical Physics, 2003, 119, 9777-9782.	1.2	68

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127	Normal and Relaxor Behaviors of Ferroelectric P(VDF-TrFE) Copolymers. <i>Ferroelectrics</i> , 2003, 296, 141-147.	0.3	2
128	The effects of salt concentration on cation complexation in triblock-polyether electrolyte. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 2424.	1.3	14
129	Relaxor ferroelectric behavior of γ -irradiated poly(vinylidene fluoride-trifluoroethylene) copolymers. <i>Physical Review B</i> , 2003, 67, .	1.1	32
130	Raman and infrared spectroscopic studies of the Li ₃ Na ₃ In ₂ F ₁₂ fluoride garnet. <i>Journal of Physics Condensed Matter</i> , 2002, 14, 271-280.	0.7	16
131	Comment on "Intrinsic Ferroelectric Coercive Field". <i>Physical Review Letters</i> , 2002, 88, 179701; author reply 179702.	2.9	21
132	Single-crystal structure determination and infrared reflectivity study of the Li ₂ CaHfF ₈ scheelite. <i>Journal of Physics Condensed Matter</i> , 2002, 14, 5485-5495.	0.7	6
133	Ferroelectric Behavior of P(VDF-TrFE)/PMMA Low-Crystallinity Blends. <i>Ferroelectrics</i> , 2002, 268, 101-106.	0.3	6
134	Influence of thermal treatment on the Raman, infrared and TL responses of natural topaz. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2002, 191, 230-235.	0.6	20
135	Electrical conductivity and micro-Raman scattering studies of ionic conduction in Li ^x HxIO ₃ solid solutions. <i>Solid State Ionics</i> , 2002, 148, 203-209.	1.3	2
136	Disorder-induced symmetry lowering in the CsInMgF ₆ pyrochlore crystal. <i>Physical Review B</i> , 2002, 66, .	1.1	22
137	Raman-spectroscopic evaluation of the long-range order in Ba(B _{1/3} B _{2/3})O ₃ ceramics. <i>Applied Physics Letters</i> , 2001, 78, 428-430.	1.5	79
138	First order phase transition of Li ₃ ThF ₇ at 281 K: A comparative study between EPR and Raman scattering. <i>Radiation Effects and Defects in Solids</i> , 2001, 155, 361-366.	0.4	1
139	Raman scattering and X-ray diffraction investigations on hydrothermal barium magnesium niobate ceramics. <i>Journal of the European Ceramic Society</i> , 2001, 21, 2739-2744.	2.8	61
140	Temperature-dependent Raman study of taurine single crystal. <i>Journal of Raman Spectroscopy</i> , 2001, 32, 751-756.	1.2	26
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