Marcos A Pimenta

List of Publications by Year in Descending Order

165 papers	19,107 citations	61 h-index	138 g-index
176 ext. papers	20,822 ext. citations	5 avg, IF	6.29 L-index

#	Paper	IF	Citations
165	Origin of the complex Raman tensor elements in single-layer triclinic ReSe2. *2D Materials*, **2021**, 8, 025002	5.9	3
164	Multiple excitations and temperature study of the disorder-induced Raman bands in MoS2. *2D Materials*, **2021**, 8, 035042	5.9	2
163	Multiple-excitation study of the double-resonance Raman bands in rhombohedral graphite. *Carbon*, **2021**, 179, 683-691	10.4	1
162	Resonant Raman scattering of anthracene-based carbons in the secondary carbonization stage. *Journal of Raman Spectroscopy*, **2021**, 52, 670-677	2.3	2
161	Probing combinations of acoustic phonons in MoS2 by intervalley double-resonance Raman scattering. *Physical Review B*, **2021**, 103,	3.3	3
160	Resonance Raman enhancement by the intralayer and interlayer electron-phonon processes in twisted bilayer graphene. *Scientific Reports*, **2021**, 11, 17206	4.9	1
159	Raman Spectroscopy of Twisted Bilayer Graphene. *Journal of Carbon Research*, **2021**, 7, 10	3.3	1
158	Resonance Raman spectroscopy in semiconducting transition-metal dichalcogenides: basic properties and perspectives. *2D Materials*, **2020**, 7, 042001	5.9	10
157	Nonlinear Dark-Field Imaging of One-Dimensional Defects in Monolayer Dichalcogenides. *Nano Letters*, **2020**, 20, 284-291	11.5	21
156	Edge phonons in layered orthorhombic GeS and GeSe monochalcogenides. *Physical Review B*, **2019**, 100,	3.3	10
155	Temperature dependence of the double-resonance Raman bands in monolayer MoS2. *Journal of Raman Spectroscopy*, **2019**, 50, 1867-1874	2.3	11
154	Suppression of the commensurate charge density wave phase in ultrathin 1T□TaS2 evidenced by Raman hyperspectral analysis. *Physical Review B*, **2019**, 100,	3.3	6
153	History and National Initiatives of Carbon Nanotube and Graphene Research in Brazil. *Brazilian Journal of Physics*, **2019**, 49, 288-300	1.2	4
152	Intralayer and interlayer electron-phonon interactions in twisted graphene heterostructures. *Nature Communications*, **2018**, 9, 1221	17.4	63
151	Twisted bilayer graphene photoluminescence emission peaks at van Hove singularities. *Journal of Physics Condensed Matter*, **2018**, 30, 175302	1.8	13
150	Raman spectroscopy in black phosphorus. *Journal of Raman Spectroscopy*, **2018**, 49, 76-90	2.3	83
149	Strain Engineering and Raman Spectroscopy of Monolayer Transition Metal Dichalcogenides. *Chemistry of Materials*, **2018**, 30, 5148-5155	9.6	43

148	The double-resonance Raman spectra in single-chirality (n, m) carbon nanotubes. *Carbon*, **2017**, 117, 41-45	10.4	10
147	Intervalley scattering by acoustic phonons in two-dimensional MoS revealed by double-resonance Raman spectroscopy. *Nature Communications*, **2017**, 8, 14670	17.4	141
146	Local Polar Fluctuations in Lead Halide Perovskite Crystals. *Physical Review Letters*, **2017**, 118, 136001	7.4	374
145	Raman Excitation Profile of the G-band Enhancement in Twisted Bilayer Graphene. *Brazilian Journal of Physics*, **2017**, 47, 589-593	1.2	8
144	Enhanced hot luminescence at van Hove singularities in twisted bilayer graphene **2017**,		1
143	Interplay between organic cations and inorganic framework and incommensurability in hybrid lead-halide perovskite CH3NH3PbBr3. *Physical Review Materials*, **2017**, 1,	3.2	67
142	Ultrasensitive molecular sensor using N-doped graphene through enhanced Raman scattering. *Science Advances*, **2016**, 2, e1600322	14.3	125
141	Defect engineering of two-dimensional transition metal dichalcogenides. *2D Materials*, **2016**, 3, 022002	5.9	538
140	Atypical Exciton-Phonon Interactions in WS2 and WSe2 Monolayers Revealed by Resonance Raman Spectroscopy. *Nano Letters*, **2016**, 16, 2363-8	11.5	91
139	Edge phonons in black phosphorus. *Nature Communications*, **2016**, 7, 12191	17.4	54
138	Symmetry-dependent exciton-phonon coupling in 2D and bulk MoS2 observed by resonance Raman scattering. *Physical Review Letters*, **2015**, 114, 136403	7.4	135
137	Origin of van Hove singularities in twisted bilayer graphene. *Carbon*, **2015**, 90, 138-145	10.4	23
136	Unusual angular dependence of the Raman response in black phosphorus. *ACS Nano*, **2015**, 9, 4270-6	16.7	255
135	Comparative study of Raman spectroscopy in graphene and MoS2-type transition metal dichalcogenides. *Accounts of Chemical Research*, **2015**, 48, 41-7	24.3	117
134	Probing carbon isotope effects on the Raman spectra of graphene with different C13 concentrations. *Physical Review B*, **2015**, 92,	3.3	14
133	Effect of disorder on Raman scattering of single-layer MoS2. *Physical Review B*, **2015**, 91,	3.3	380
132	New first order Raman-active modes in few layered transition metal dichalcogenides. *Scientific Reports*, **2014**, 4, 4215	4.9	289
131	Oxidized multiwalled carbon nanotubes as antigen delivery system to promote superior CD8(+) T cell response and protection against cancer. *Nano Letters*, **2014**, 14, 5458-70	11.5	79

130	Excited excitonic states in 1L, 2L, 3L, and bulk WSe2 observed by resonant Raman spectroscopy. *ACS Nano*, **2014**, 8, 9629-35	16.7	154
129	Raman excitation profile of the G band in single-chirality carbon nanotubes. *Physical Review B*, **2014** , 89,	3.3	16
128	Dramatic increase in the Raman signal of functional groups on carbon nanotube surfaces. *Carbon*, **2013**, 56, 235-242	10.4	8
127	Resonance Raman spectroscopy in twisted bilayer graphene. *Solid State Communications*, **2013**, 175-176, 13-17	1.6	18
126	Isotopic 13C/12C effect on the resonant Raman spectrum of twisted bilayer graphene. *Physical Review B*, **2013**, 88,	3.3	7
125	Charge-Transfer Mechanism in Graphene-Enhanced Raman Scattering. *Journal of Physical Chemistry C*, **2012**, 116, 25112-25118	3.8	124
124	Resonant Raman spectroscopy of graphene grown on copper substrates. *Solid State Communications*, **2012**, 152, 1317-1320	1.6	75
123	Strain-induced D band observed in carbon nanotubes. *Nano Research*, **2012**, 5, 854-862	10	19
122	Resonant Raman spectroscopy and spectroelectrochemistry characterization of carbon nanotubes/polyaniline thin film obtained through interfacial polymerization. *Journal of Raman Spectroscopy*, **2012**, 43, 1094-1100	2.3	60
121	Single-wall carbon nanotube interactions with copper-oxamato building block of molecule-based magnets probed by resonance Raman spectroscopy. *Journal of Raman Spectroscopy*, **2012**, 43, 1951-1956	2.3	5
120	Characterizing intrinsic charges in top gated bilayer graphene device by Raman spectroscopy. *Carbon*, **2012**, 50, 3435-3439	10.4	18
119	Investigation of the electronic nonlinear refraction index of single-wall carbon nanotubes wrapped with different surfactants. *Optical Materials Express*, **2012**, 2, 749	2.6	8
118	Agglomeration defects on irradiated carbon nanotubes. *AIP Advances*, **2012**, 2, 012174	1.5	2
117	Graphene Moir patterns observed by umklapp double-resonance Raman scattering. *Physical Review B*, **2011**, 84,	3.3	56
116	Thermoplastic Polyurethane Nanocomposites Produced via Impregnation of Long Carbon Nanotube Forests. *Macromolecular Materials and Engineering*, **2011**, 296, 53-58	3.9	8
115	Rapid fabrication of bilayer graphene devices using direct laser writing photolithography. *Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics*, **2011**, 29, 021204	1.3	10
114	Resonant Raman spectroscopy on enriched 13C carbon nanotubes. *Carbon*, **2011**, 49, 4719-4723	10.4	24
113	Dielectric screening in polyynes encapsulated inside double-wall carbon nanotubes. *Physical Review B*, **2011**, 83,	3.3	11

112	Chemical vapor deposition synthesis of N-, P-, and Si-doped single-walled carbon nanotubes. *ACS Nano*, **2010**, 4, 1696-702	16.7	101
111	Thermal enhancement of chemical doping in graphene: a Raman spectroscopy study. *Journal of Physics Condensed Matter*, **2010**, 22, 334202	1.8	32
110	The influence of oxygen-containing functional groups on the dispersion of single-walled carbon nanotubes in amide solvents. *Journal of Physics Condensed Matter*, **2010**, 22, 334222	1.8	20
109	Tunable Raman spectroscopy study of CVD and peapod-derived bundled and individual double-wall carbon nanotubes. *Physical Review B*, **2010**, 82,	3.3	19
108	Charge transfer and screening effects in polyynes encapsulated inside single-wall carbon nanotubes. *Physical Review B*, **2009**, 80,	3.3	29
107	PHOTOLUMINESCENCE AND PHOTOLUMINESCENCE EXCITATION SPECTROSCOPY OF SEMICONDUCTING SINGLE WALL CARBON NANOTUBES. *International Journal of Modern Physics B*, **2009**, 23, 2676-2677	1.1	
106	Characterization of commercial double-walled carbon nanotube material: composition, structure, and heat capacity. *Journal of Materials Science*, **2009**, 44, 3498-3503	4.3	18
105	Boron, nitrogen and phosphorous substitutionally doped single-wall carbon nanotubes studied by resonance Raman spectroscopy. *Physica Status Solidi (B): Basic Research*, **2009**, 246, 2432-2435	1.3	18
104	Sorting of single-walled carbon nanotubes by amphiphiles molecules adsorption studied by resonant Raman excitation profile. *Physica Status Solidi (B): Basic Research*, **2009**, 246, 2444-2447	1.3	1
103	Observation of the Kohn anomaly near the K point of bilayer graphene. *Physical Review B*, **2009**, 80,	3.3	28
102	Controlled growth and positioning of metal nanoparticles via scanning probe microscopy. *Langmuir*, **2009**, 25, 3356-8	4	9
101	Phase separation, fluid mixing, and origin of the greisens and potassic episyenite associated with the Água Boa pluton, Pitinga tin province, Amazonian Craton, Brazil. *Journal of South American Earth Sciences*, **2009**, 27, 161-183	2	14
100	Synthesis, electronic structure, and Raman scattering of phosphorus-doped single-wall carbon nanotubes. *Nano Letters*, **2009**, 9, 2267-72	11.5	121
99	Electron and phonon renormalization near charged defects in carbon nanotubes. *Nature Materials*, **2008**, 7, 878-83	27	236
98	Nature of the constant factor in the relation between radial breathing mode frequency and tube diameter for single-wall carbon nanotubes. *Physical Review B*, **2008**, 77,	3.3	161
97	Two-Phonon Combination Raman Modes in Covalently Functionalized Single-Wall Carbon Nanotubes. *Journal of Physical Chemistry C*, **2008**, 112, 13150-13155	3.8	45
96	Observation of distinct electron-phonon couplings in gated bilayer graphene. *Physical Review Letters*, **2008**, 101, 257401	7.4	114
95	Electronic properties of bilayer graphene probed by Resonance Raman Scattering. *Physica Status Solidi (B): Basic Research*, **2008**, 245, 2060-2063	1.3	16

94	The two peaks G? band in carbon nanotubes. *Physica Status Solidi (B): Basic Research*, **2008**, 245, 2197-2200	1.3	23
93	Measuring the degree of stacking order in graphite by Raman spectroscopy. *Carbon*, **2008**, 46, 272-275	10.4	301
92	Determination of LA and TO phonon dispersion relations of graphene near the Dirac point by double resonance Raman scattering. *Physical Review B*, **2007**, 76,	3.3	140
91	Characterization of DNA-wrapped carbon nanotubes by resonance Raman and optical absorption spectroscopies. *Chemical Physics Letters*, **2007**, 439, 138-142	2.5	58
90	Optical studies of carbon nanotubes and nanographites. *Physica E: Low-Dimensional Systems and Nanostructures*, **2007**, 37, 88-92	3	22
89	The fundamental aspects of carbon nanotube metrology. *Physica Status Solidi (B): Basic Research*, **2007**, 244, 4011-4015	1.3	2
88	Studying disorder in graphite-based systems by Raman spectroscopy. *Physical Chemistry Chemical Physics*, **2007**, 9, 1276-91	3.6	3172
87	Decarboxylation of oxidized single-wall carbon nanotubes. *Journal of Nanoscience and Nanotechnology*, **2007**, 7, 3421-30	1.3	7
86	Atomic size-limited intercalation into single wall carbon nanotubes. *Nanotechnology*, **2007**, 18, 435705	3.4	4
85	Resonance Raman study of polyynes encapsulated in single-wall carbon nanotubes. *Physical Review B*, **2007**, 76,	3.3	43
84	Third and fourth optical transitions in semiconducting carbon nanotubes. *Physical Review Letters*, **2007**, 98, 067401	7.4	253
83	Measuring the absolute Raman cross section of nanographites as a function of laser energy and crystallite size. *Physical Review B*, **2007**, 76,	3.3	196
82	Probing the electronic structure of bilayer graphene by Raman scattering. *Physical Review B*, **2007**, 76,	3.3	277
81	Carbon nanotube population analysis from Raman and photoluminescence intensities. *Applied Physics Letters*, **2006**, 88, 023109	3.4	46
80	Trigonal Anisotropy in Graphite and Carbon Nanotubes. *Molecular Crystals and Liquid Crystals*, **2006**, 455, 287-294	0.5	1
79	Resonance Raman study of linear carbon chains formed by the heat treatment of double-wall carbon nanotubes. *Physical Review B*, **2006**, 73,	3.3	73
78	Resonance Raman spectroscopy in one-dimensional carbon materials. *Anais Da Academia Brasileira De Ciencias*, **2006**, 78, 423-39	1.4	4
77	The Kataura plot over broad energy and diameter ranges. *Physica Status Solidi (B): Basic Research*, **2006**, 243, 3117-3121	1.3	31

76	General equation for the determination of the crystallite size La of nanographite by Raman spectroscopy. *Applied Physics Letters*, **2006**, 88, 163106	3.4	1736
75	Quantifying carbon-nanotube species with resonance Raman scattering. *Physical Review B*, **2005**, 72,	3.3	145
74	Resonance Raman spectroscopy (n,m)-dependent effects in small-diameter single-wall carbon nanotubes. *Physical Review B*, **2005**, 71,	3.3	208
73	Steplike dispersion of the intermediate-frequency Raman modes in semiconducting and metallic carbon nanotubes. *Physical Review B*, **2005**, 72,	3.3	49
72	Origin of the 2450cm−1 Raman bands in HOPG, single-wall and double-wall carbon nanotubes. *Carbon*, **2005**, 43, 1049-1054	10.4	101
71	Direct experimental evidence of exciton-phonon bound states in carbon nanotubes. *Physical Review Letters*, **2005**, 95, 247401	7.4	94
70	Phonon-assisted excitonic recombination channels observed in DNA-wrapped carbon nanotubes using photoluminescence spectroscopy. *Physical Review Letters*, **2005**, 94, 127402	7.4	104
69	Anisotropy of the Raman spectra of nanographite ribbons. *Physical Review Letters*, **2004**, 93, 047403	7.4	177
68	Single- and double-resonance Raman G-band processes in carbon nanotubes. *Physical Review B*, **2004**, 69,	3.3	45
67	Structural and Dynamical Aspects of Structural Phase Transitions on Incommensurate A2BX4 compounds. *Ferroelectrics*, **2004**, 305, 75-78	0.6	
66	Resonance Raman Spectroscopy to Study and Characterize Defects on Carbon Nanotubes and other Nano-Graphite Systems. *Materials Research Society Symposia Proceedings*, **2004**, 858, 1		
65	High temperature structures of LiKSO4 crystals: normal and incommensurate phases. *Zeitschrift Fur Kristallographie - Crystalline Materials*, **2004**, 219, 737-741	1	
64	Influence of the atomic structure on the Raman spectra of graphite edges. *Physical Review Letters*, **2004**, 93, 247401	7.4	521
63	Optical characterization of DNA-wrapped carbon nanotube hybrids. *Chemical Physics Letters*, **2004**, 397, 296-301	2.5	122
62	Advances in single nanotube spectroscopy: Raman spectra from cross-polarized light and chirality dependence of Raman frequencies. *Carbon*, **2004**, 42, 1067-1069	10.4	15
61	One-dimensional character of combination modes in the resonance Raman scattering of carbon nanotubes. *Physical Review Letters*, **2004**, 93, 087401	7.4	55
60	Optical transition energies for carbon nanotubes from resonant Raman spectroscopy: environment and temperature effects. *Physical Review Letters*, **2004**, 93, 147406	7.4	527
59	The concept of cutting lines in carbon nanotube science. *Journal of Nanoscience and Nanotechnology*, **2003**, 3, 431-58	1.3	106

58	Competing spring constant versus double resonance effects on the properties of dispersive modes in isolated single-wall carbon nanotubes. *Physical Review B*, **2003**, 67,	3.3	84
57	Phonon trigonal warping effect in graphite and carbon nanotubes. *Physical Review Letters*, **2003**, 90, 027403	7.4	52
56	Resonance Raman spectra of carbon nanotubes by cross-polarized light. *Physical Review Letters*, **2003**, 90, 107403	7.4	112
55	Raman scattering study of RETiTaO6 dielectric ceramics. *Journal of the European Ceramic Society*, **2003**, 23, 2661-2666	6	30
54	Characterizing carbon nanotube samples with resonance Raman scattering. *New Journal of Physics*, **2003**, 5, 139-139	2.9	788
53	Double resonance Raman spectroscopy of single-wall carbon nanotubes. *New Journal of Physics*, **2003**, 5, 157-157	2.9	205
52	Temperature effects on the vibronic spectra of BEHPPV conjugated polymer films. *Journal of Chemical Physics*, **2003**, 119, 9777-9782	3.9	59
51	The effects of salt concentration on cation complexation in triblock-polyether electrolyte. *Physical Chemistry Chemical Physics*, **2003**, 5, 2424	3.6	13
50	Inhomogeneous optical absorption around the K point in graphite and carbon nanotubes. *Physical Review B*, **2003**, 67,	3.3	239
49	Resonance Raman scattering: nondestructive and noninvasive technique for structural and electronic characterization of isolated single-wall carbon nanotubes. *Brazilian Journal of Physics*, **2002**, 32, 921-924	1.2	4
48	Influence of thermal treatment on the Raman, infrared and TL responses of natural topaz. *Nuclear Instruments & Methods in Physics Research B*, **2002**, 191, 230-235	1.2	19
47	G-band resonant Raman study of 62 isolated single-wall carbon nanotubes. *Physical Review B*, **2002**, 65,	3.3	389
46	Determination of two-dimensional phonon dispersion relation of graphite by Raman spectroscopy. *Physical Review B*, **2002**, 65,	3.3	91
45	Anomalous two-peak G?-band Raman effect in one isolated single-wall carbon nanotube. *Physical Review B*, **2002**, 65,	3.3	71
44	Single nanotube Raman spectroscopy. *Accounts of Chemical Research*, **2002**, 35, 1070-8	24.3	216
43	Probing phonon dispersion relations of graphite by double resonance Raman scattering. *Physical Review Letters*, **2002**, 88, 027401	7.4	438
42	OH/F substitution in topaz studied by Raman spectroscopy. *Physical Review B*, **2002**, 65,	3.3	20
41	First and Second-Order Resonance Raman Process in Graphite and Single Wall Carbon Nanotubes. *Japanese Journal of Applied Physics*, **2002**, 41, 4878-4882	1.4	20

40	Anisotropy in the Phonon Dispersion Relations of Graphite and Carbon Nanotubes Measured by Raman Spectroscopy. *Materials Research Society Symposia Proceedings*, **2002**, 737, 652		
39	Stokes and anti-Stokes double resonance Raman scattering in two-dimensional graphite. *Physical Review B*, **2002**, 66,	3.3	137
38	Linewidth of the Raman features of individual single-wall carbon nanotubes. *Physical Review B*, **2002**, 66,	3.3	172
37	Experimental evidence for the high-temperature incommensurate structure in LiKSO4. *Physical Review B*, **2002**, 66,	3.3	5
36	Cation environment in polyether complexes based on poly(tetramethylene glycol) doped with zinc and cobalt chlorides. *Journal of Polymer Science, Part B: Polymer Physics*, **2001**, 39, 2572-2580	2.6	5
35	Optical properties of Bi12SiO20 (BSO) and Bi12TiO20 (BTO) obtained by mechanical alloying. *Journal of Materials Science*, **2001**, 36, 587-592	4.3	36
34	Diameter dependence of the Raman D-band in isolated single-wall carbon nanotubes. *Physical Review B*, **2001**, 64,	3.3	101
33	Effect of quantized electronic states on the dispersive Raman features in individual single-wall carbon nanotubes. *Physical Review B*, **2001**, 65,	3.3	43
32	Electronic transition energy Eii for an isolated (n,m) single-wall carbon nanotube obtained by anti-Stokes/Stokes resonant Raman intensity ratio. *Physical Review B*, **2001**, 63,	3.3	78
31	Micro-Raman investigation of aligned single-wall carbon nanotubes. *Physical Review B*, **2001**, 63,	3.3	33
30	Joint density of electronic states for one isolated single-wall carbon nanotube studied by resonant Raman scattering. *Physical Review B*, **2001**, 63,	3.3	128
29	G-band Raman Spectra of Isolated Single Wal Carbon Nanotubes: Diameter and Chiraity Dependence. *Materials Research Society Symposia Proceedings*, **2001**, 706, 1		
28	High-pressure Raman spectra of L-threonine crystal. *Journal of Raman Spectroscopy*, **2000**, 31, 519-522	2.3	33
27	Analysis of LiKSO4 crystals in the temperature range from 573 to 943 K. *Acta Crystallographica Section B: Structural Science*, **2000**, 56, 607-17		22
26	The anomalous dispersion of the disorder-induced and the second-order Raman Bands in Carbon Nanotubes. *Brazilian Journal of Physics*, **2000**, 30, 423-427	1.2	58
25	Rao et al. reply:. *Physical Review Letters*, **2000**, 85, 3545	7.4	6
24	Anti-Stokes Raman spectra of single-walled carbon nanotubes. *Physical Review B*, **2000**, 61, R5137-R5140	3.3	116
23	Second-order resonant Raman spectra of single-walled carbon nanotubes. *Physical Review B*, **2000**, 61, 7734-7742	3.3	61

22	Polarized raman study of single-wall semiconducting carbon nanotubes. *Physical Review Letters*, **2000**, 85, 2617-20	7.4	196
21	Raman Scattering in Fullerenes and Related Carbon-Based Materials. *Springer Series in Materials Science*, **2000**, 314-364	0.9	28
20	High-temperature phase transitions in incommensurate Rb2WO4. *Journal of Physics Condensed Matter*, **2000**, 12, 9307-9315	1.8	13
19	Surface-enhanced resonant Raman spectroscopy of single-wall carbon nanotubes adsorbed on silver and gold surfaces. *Physical Review B*, **2000**, 61, 13202-13211	3.3	84
18	Polarized raman study of aligned multiwalled carbon nanotubes. *Physical Review Letters*, **2000**, 84, 1820-3	7.4	310
17	Resonant Raman study of polyparaphenylene-based carbons. *Journal of Materials Research*, **1999**, 14, 1124-1131	2.5	9
16	Raman scattering study of the orthorhombic-to-tetragonal phase transition of a Li3ThF7 crystal. *Physical Review B*, **1999**, 60, 9983-9989	3.3	7
15	Study of the overtones and combination bands in the Raman spectra of polyparaphenylene-based carbons. *Journal of Materials Research*, **1999**, 14, 3447-3454	2.5	10
14	Origin of dispersive effects of the Raman D band in carbon materials. *Physical Review B*, **1999**, 59, R6585-R6588	3.3	760
13	Infrared study of the low-temperature phase transitions in incommensurate Cs2HgBr4. *Physical Review B*, **1999**, 59, 11251-11256	3.3	4
12	Polar domain walls and orientational disorder in incommensurate Cs2HgBr4. *Ferroelectrics*, **1999**, 221, 79-84	0.6	1
11	Study of Correlations between Microstructure and Conductivity in a Thermoplastic Polyurethane Electrolyte. *Journal of Physical Chemistry B*, **1999**, 103, 7102-7110	3.4	34
10	Structural Analysis of Cs2HgBr4 in Normal, Incommensurate and Twinned Phases. *Acta Crystallographica Section B: Structural Science*, **1998**, 54, 197-203		12
9	Anomalous behavior of the internal stretching modes above and below the incommensurate phase transition of Cs2HgBr4. *Physical Review B*, **1998**, 57, 203-210	3.3	12
8	Raman modes of metallic carbon nanotubes. *Physical Review B*, **1998**, 58, R16016-R16019	3.3	362
7	Basal-plane incommensurate phases in hexagonal-close-packed structures. *Physical Review B*, **1998**, 57, 5086-5092	3.3	19
6	Resonant Raman Characterization of Polyparaphenylene Based Carbon Materials. *Materials Research Society Symposia Proceedings*, **1998**, 548, 15		
5	Raman study of crystals. *Journal of Physics Condensed Matter*, **1997**, 9, 7903-7912	1.8	5

List of Publications

4	Characterization of Polyparaphenylene Subjected to Different Heat Treatment Temperatures. *Materials Research Society Symposia Proceedings*, **1997**, 488, 515		1
3	X-ray study of the ferroelastic incommensurate phase of LiKSO4 under uniaxial pressure. *Physical Review B*, **1996**, 54, 11869-11872	3.3	18
2	Low-temperature sequence of phase transitions in LiKSO4 studied by EPR. *Physical Review B*, **1992**, 45, 5163-5170	3.3	23
1	High-temperature phase transitions in LiKSO4. *Physical Review B*, **1989**, 39, 3361-3368	3.3	54