Victor R Velasco

List of Publications by Year in descending order

185	2,541	236612	329751
papers	citations	25 h-index	37 g-index

187	187	187	874
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Parity-Time Synthetic Phononic Media. Physical Review Letters, 2016, 116, 207601.	2.9	108
2	Analysis of the phenomenological models for long-wavelength polar optical modes in semiconductor layered systems. Physical Review B, 1992, 45, 11944-11948.	1.1	92
3	Dispersion relations of surface phonons in LiF(001) and NaF(001). Physical Review B, 1982, 26, 497-506.	1.1	70
4	Theory of surface waves in anisotropic cubic crystals. Journal of Physics C: Solid State Physics, 1980, 13, 2237-2256.	1.5	63
5	Electronic structure of AlAs-GaAs superlattices. Physical Review B, 1989, 39, 1786-1796.	1.1	62
6	Surface Effects in Elastic Surface Waves. Physica Scripta, 1979, 20, 111-120.	1.2	54
7	Brillouin scattering from surface waves. Solid State Communications, 1980, 33, 1-5.	0.9	48
8	Matching methods for single and multiple interfaces: Discrete and continuous media. Physics Reports, 1991, 200, 83-125.	10.3	48
9	Theory of Single and Multiple Interfaces. , 1992, , .		48
10	Electronic states in graded-composition heterostructures. Physical Review B, 1994, 49, 11222-11229.	1.1	40
11	Polar optical modes in semiconductor nanostructures. Surface Science Reports, 1997, 28, 123-176.	3.8	40
12	Characterization of the Suzuki phase in doped alkali halides by Raman spectroscopy. Journal of Physics and Chemistry of Solids, 1980, 41, 1367-1371.	1.9	38
13	Surface electromagnetic waves in Fibonacci superlattices: Theoretical and experimental results. Physical Review B, 2006, 74, .	1.1	38
14	Propagation and localization of acoustic waves in Fibonacci phononic circuits. Journal of Physics Condensed Matter, 2005, 17, 4245-4262.	0.7	36
15	Propagation and localization of electromagnetic waves in quasiperiodic serial loop structures. Physical Review E, 2005, 72, 056601.	0.8	34
16	Long-wavelength polar optical modes in GaAs semiconductor layered structures. Journal of Physics Condensed Matter, 1993, 5, 5389-5400.	0.7	33
17	Thomasâ€“Fermiâ€“Dirac theory of the hole gas of a double p-type Î´-doped GaAs quantum wells. Surface Science, 2003, 537, 75-83.	0.8	32
18	Theory of Layered Structures Formed With Discrete Crystals: Quantum Wells Sandwiches and Superlattices. Physica Scripta, 1986, 34, 252-256.	1.2	31

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19	Dynamics of surfaces with overlayers. Surface Science, 1981, 110, 129-150.	0.8	29
20	Electronic structure of strained GaAs/GaP (001) superlattices. Physical Review B, 1991, 43, 9626-9634.	1.1	27
21	Theory of Incomplete Crystals and Crystalline Interfaces. Physica Scripta, 1986, 34, 257-263.	1.2	26
22	Simultaneous surface Green function matching for N interfaces. Journal of Physics Condensed Matter, 1995, 7, 2037-2049.	0.7	26
23	Sagittal elastic waves at the interface between a superlattice and a substrate. Physical Review B, 1999, 60, 2505-2515.	1.1	26
24	Localized and resonant guided elastic waves in an adsorbed layer on a semi-infinite superlattice. Physical Review B, 2000, 61, 15858-15865.	1.1	26
25	Surface and Interface Electronic Structure Calculations with Empirical Tight Binding Models. Physica Scripta, 1987, 35, 504-509.	1.2	25
26	Electronic structure of (311) AlAs-GaAs superlattices. Physical Review B, 1993, 47, 4651-4654.	1.1	25
27	Optical anisotropy of (113)-oriented GaAs/AlAs superlattices. Physical Review B, 1994, 49, 14020-14023.	1.1	25
28	Dynamics of systems with two interfaces. Physical Review B, 1982, 26, 1929-1941.	1.1	23
29	A general analysis of arbitrary continuous superlattices. Surface Science, 1986, 175, 9-21.	0.8	23
30	Tight binding models for non ideal semiconductor interfaces. Progress in Surface Science, 1987, 26, 117-133.	3.8	23
31	Tight-binding calculation of electronic states in an inverse parabolic quantum well. Physical Review B, 1995, 51, 7321-7324.	1.1	23
32	Some elementary questions in the theory of quasiperiodic heterostructures. Journal of Physics Condensed Matter, 2001, 13, 3689-3698.	0.7	23
33	Dynamical and thermodynamical properties of elastic surface waves at hexagonal surfaces and interfaces. Surface Science, 1979, 83, 376-390.	0.8	22
34	Bulk and surface Bleustein-Gulyaev waves in piezoelectric superlattices. Surface Science, 1987, 188, 140-152.	0.8	22
35	Transverse Acoustic Waves in Piezoelectric Superlattices. Europhysics Letters, 1987, 3, 723-728.	0.7	21
36	Sagittal elastic waves in Fibonacci superlattices. Physical Review B, 1998, 57, 14141-14147.	1.1	21

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37	Surface and interface shear horizontal acoustic waves in piezoelectric superlattices. Journal of Applied Physics, 2000, 87, 4507-4513.	1.1	21
38	Phonon calculations in superperiodic structures: The surface Green-function matching approach. Physical Review B, 1988, 38, 3172-3179.	1.1	20
39	Surface waves and surface thermodynamics. Surface Science, 1977, 67, 555-564.	0.8	19
40	Surface green function matching approach to the surface dynamics of ionic crystals. Surface Science, 1984, 143, 243-252.	0.8	19
41	Omnidirectional phononic reflection and selective transmission in one-dimensional acoustic layered structures. Surface Science, 2001, 482-485, 1175-1180.	0.8	19
42	Elastic waves in quasiperiodic structures. Progress in Surface Science, 2001, 67, 383-402.	3.8	19
43	Phonon confinement in one-dimensional hybrid periodic/quasiregular structures. Physical Review B, 2004, 70, .	1.1	19
44	Relations between Transfer Matrices and Numerical Stability Analysis to Avoid the $Omega d$ Problem. SIAM Journal on Applied Mathematics, 2015, 75, 1403-1423.	0.8	19
45	Electronic structure of strained-layer AlAs/InAs (001) superlattices. Physical Review B, 1991, 43, 2050-2057.	1.1	18
46	Surface Waves in Solids and Fluids. Physica Scripta, 1981, 23, 1108-1112.	1.2	17
47	Surface green function matching approach to the surface dynamics of ionic crystals. Surface Science, 1984, 143, 253-266.	0.8	17
48	Transverse elastic waves propagating along symmetry directions of piezoelectric superlattices. Surface Science, 1987, 185, 175-186.	0.8	17
49	A study of the matching problem using transfer matrixes. Journal of Physics C: Solid State Physics, 1988, 21, 2197-2206.	1.5	17
50	Quickly converging method for surface electronic structure calculations. Physica Scripta, 1988, 38, 742-745.	1.2	17
51	A general theory of matching for layered systems. Journal of Physics A, 1990, 23, 1405-1420.	1.6	17
52	Transverse elastic waves in Fibonacci superlattices. Superlattices and Microstructures, 1999, 25, 519-526.	1.4	17
53	Lattice vibrations at (111) surfaces and stacking faults in transition metals: Ni. Surface Science, 1979, 85, 107-124.	0.8	16
54	Theory of piezoelectric surface waves in layered systems. Surface Science, 1984, 143, 93-109.	0.8	16

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55	Surface green function matching for crystal lattice dynamics. Surface Science, 1984, 136, 601-628.	0.8	16
56	Surface States in semiinfinite superlattices. Progress in Surface Science, 1993, 42, 271-279.	3.8	16
57	Electronic structure of periodically Î´-doped GaAs:Si. Physical Review B, 1993, 48, 11427-11430.	1.1	16
58	Phonon mechanism for the orthorhombic distortion inFeSi2as compared to cubicCoSi2. Physical Review B, 1996, 54, 9196-9203.	1.1	16
59	Electronic states of digital versus analog graded quantum wells. Physical Review B, 1995, 52, 13784-13787.	1.1	15
60	Simultaneous surface Green's-function matching for discrete systems with N interfaces. Surface Science, 1996, 369, 367-378.	0.8	15
61	The inverse dielectric function of a quasi-two-dimensional electron gas in a quantum well: plasmons in a thin metal layer. Journal of Physics Condensed Matter, 1996, 8, 665-675.	0.7	15
62	Study of interface and surface elastic waves in piezoelectric materials by using the surface green function matching (SGFM) method. Surface Science, 1983, 128, 117-127.	0.8	14
63	Sagittal elastic waves in cubic superlattices. Surface Science, 1987, 187, 223-242.	0.8	14
64	Phonons in a W-Mo(001) superlattice. Physical Review B, 1988, 38, 9631-9637.	1.1	14
65	Theory of quantum wells in external electric fields. Journal of Physics Condensed Matter, 1989, 1, 4339-4351.	0.7	14
66	Quasibound states in an electric field. Physical Review B, 1990, 42, 7630-7632.	1.1	14
67	Electronic properties of quasiperiodic heterostructures. Physical Review B, 2001, 65, .	1.1	14
68	Some properties of the elastic waves in quasiregular heterostructures. Journal of Physics Condensed Matter, 2002, 14, 5933-5957.	0.7	14
69	Application of the phase time and transmission coefficients to the study of transverse elastic waves in quasiperiodic systems with planar defects. Surface Science, 2003, 538, 101-112.	0.8	14
70	Electromagnetic wave propagation in quasi-periodic photonic circuits. Journal of Physics Condensed Matter, 2007, 19, 246217.	0.7	14
71	Response functions for single interfaces and layered structures. Physical Review B, 1987, 35, 5872-5875.	1.1	13
72	Tight-binding calculation of electronic states in a triangular symmetrical quantum well. Physical Review B, 1994, 50, 4577-4580.	1.1	13

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73	Dielectric response of an inhomogeneous quasi-two-dimensional electron gas. Physical Review B, 1996, 53, 2034-2043.	1.1	13
74	Analysis of the full matched Green function and wavefunction from the transfer matrices. Physica Scripta, 1990, 41, 375-382.	1.2	12
75	Solution of a Fredholm integral equation of physical interest. Journal of Physics A, 1995, 28, 391-405.	1.6	12
76	Polar optical modes in GaAs-AlAs superlattices. Physica Scripta, 1995, 51, 526-530.	1.2	12
77	SOME PROPERTIES OF THE TRANSVERSE ELASTIC WAVES IN QUASIPERIODIC STRUCTURES. International Journal of Modern Physics B, 2001, 15, 2925-2934.	1.0	12
78	Elastic waves at the (001) and (110) surfaces of AlN, GaN and InN. Surface Science, 2005, 590, 224-242.	0.8	12
79	Vibrations in cylindrical shells with transverse elastic isotropy: Application to IIIâ€“V nitride nanotubes. Surface Science, 2009, 603, 2950-2957.	0.8	12
80	Lattice dynamics of a commensurate interface between two ionic crystals. Physical Review B, 1981, 23, 6691-6698.	1.1	11
81	Electronic states of (001) and (311) AlAs/GaAs quantum wells. Physical Review B, 1993, 48, 12319-12322.	1.1	11
82	Polar optical phonons at semiconductor interfaces. Surface Science, 1994, 319, 184-192.	0.8	11
83	Selective spatial localization of the atom displacements in one-dimensional hybrid quasi-regular (Thueâ€“Morse and Rudinâ€“Shapiro)/periodic structures. Surface Science, 2007, 601, 2538-2547.	0.8	11
84	Study of interface and surface elastic waves in piezoelectric materials by using the surface Green function matching (SGFM) method. Surface Science, 1983, 128, 117-127.	0.8	10
85	Lattice vibrations At (111) and (001) surfaces of fcc transition metals by using the surface green function matching (SFGM) method. Surface Science, 1985, 152-153, 819-825.	0.8	10
86	Optical modes in GaAs-based quantum wells. Physical Review B, 1993, 48, 5672-5674.	1.1	10
87	Electronic properties of GaAs - AlAs Fibonacci superlattices. Journal of Physics Condensed Matter, 1997, 9, 8031-8039.	0.7	10
88	Thermal conductivity in quasiregular heterostructures. Physical Review B, 2002, 65, .	1.1	10
89	Electronic spectra of quasi-regular heterostructures: simple versus realistic models. Progress in Surface Science, 2003, 74, 343-355.	3.8	10
90	AlN, GaN and InN (001) surface electronic band structure. Surface Science, 2006, 600, 2868-2873.	0.8	10

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91	Elastic surface waves in hexagonal crystals with overlayers. Surface Science, 1982, 114, 574-586.	0.8	9
92	Electronic states in a metallic quantum well. Physica Scripta, 1991, 43, 337-339.	1.2	9
93	Electronic properties of strained (001) HgTe-CdTe superlattices. Physica Scripta, 1992, 46, 83-87.	1.2	9
94	Spatial dependence of the strain-induced coupling in highly strained quantum wells. Physical Review B, 1996, 54, 16428-16431.	1.1	9
95	Acoustic waves of GaN nitride nanowires. Surface Science, 2011, 605, 24-31.	0.8	9
96	Acoustic breathing mode frequencies in cylinders, cylindrical shells and composite cylinders of general anisotropic crystals: Application to nanowires. Physica E: Low-Dimensional Systems and Nanostructures, 2013, 54, 86-92.	1.3	9
97	Acoustic surface waves in cubic crystals with overlayers. Surface Science, 1983, 126, 202-207.	0.8	8
98	Capillary Waves in an Electrically Charged Liquid Metal. Physica Scripta, 1986, 34, 435-437.	1.2	8
99	Electronic structure of Nb-Ta (001) superlattices. Journal of Physics Condensed Matter, 1989, 1, 6413-6421.	0.7	8
100	Electronic properties of semiconductor Fibonacci quasi-periodic superlattices. Physica A: Statistical Mechanics and Its Applications, 1997, 241, 377-381.	1.2	8
101	The Theory of Perturbed Surface Waves and the Long Wave Limit of Lattice Models. Physica Scripta, 1982, 26, 405-413.	1.2	7
102	Surface and interface Bleustein-Gulyaev waves along symmetry directions of cubic crystals. Surface Science, 1984, 139, 63-74.	0.8	7
103	Elastic surface waves in rare-earth compounds; Exact treatment of finite frequency effects. Surface Science, 1985, 161, 342-348.	0.8	7
104	Spectral phenomenology of (001) AlAsî—¸GaAs superlattices. Superlattices and Microstructures, 1990, 7, 23-27.	1.4	7
105	Practical use of transfer matrix for matching calculations. Physica Scripta, 1990, 42, 495-500.	1.2	7
106	Dynamical effects of biaxial strain in thin Cu/Ni(111) superlattices. Journal of Applied Physics, 1991, 70, 2079-2085.	1.1	7
107	Surface Green function matching. Surface Science, 1994, 299-300, 332-345.	0.8	7
108	Unified description of quantum particles and electromagnetic and elastic waves in multilayers. Journal of Physics Condensed Matter, 1995, 7, 5491-5506.	0.7	7

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109	Stark shift effects in rectangular and graded gap quantum wells. Surface Science, 1999, 424, 331-339.	0.8	7
110	Polar optical modes in Fibonacci heterostructures. Journal of Raman Spectroscopy, 2000, 31, 421-425.	1.2	7
111	Hubbard approximation for the dielectric response function of a confined inhomogeneous electron gas. Physica Scripta, 2000, 61, 200-208.	1.2	7
112	Electronic Properties of Fibonacci Quasi-Periodic Heterostructures. Physica Status Solidi (B): Basic Research, 2002, 232, 71-75.	0.7	7
113	Optical properties of (001) GaN/AlN quantum wells. Microelectronics Journal, 2006, 37, 12-18.	1.1	7
114	Interface-phonon-limited two-dimensional mobility in AlGaNâˆ•GaN heterostructures. Journal of Applied Physics, 2006, 100, 123708.	1.1	7
115	Phonons in hybrid Fibonacci/periodic multilayers. Surface Science, 2009, 603, 938-944.	0.8	7
116	Surface-wave theory of desorption entropy. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 1982, 45, 299-311.	0.8	6
117	Transfer matrix and matrix Green function: the matching problem. Physica Scripta, 1990, 42, 115-123.	1.2	6
118	Properties of elastic waves in quasiregular structures with planar defects. Superlattices and Microstructures, 2002, 32, 35-47.	1.4	6
119	Electronic properties of Fibonacci quasi-periodic heterostructures. Microelectronics Journal, 2002, 33, 361-364.	1.1	6
120	Electronic structure of (001) GaN/AlN quantum wells. Surface Science, 2004, 565, 259-268.	0.8	6
121	Comparative study of the sagittal elastic waves in metallic and semiconductor multilayer systems between periodic and Fibonacci superlattices. Surface Science, 2005, 584, 199-213.	0.8	6
122	Comment on â€˜Sensitivity of surface states to the stack sequence of one-dimensional photonic crystalsâ€™. Journal of Optics, 2007, 9, 308-313.	1.5	6
123	Surface Green function matching theory of magnetoelastic surface waves. Journal of Physics C: Solid State Physics, 1985, 18, 4923-4932.	1.5	5
124	Electronic structure of (001) superlattices. Journal of Physics Condensed Matter, 1996, 8, 8859-8867.	0.7	5
125	Electronic states in near-surface quantum wells. Surface Science, 1998, 418, 536-542.	0.8	5
126	An alternative way of calculating the superlattice Green function for discrete media. Surface Science, 2004, 554, 245-252.	0.8	5

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127	Scattering of electrons by polar optical phonons in AlGaN/GaN single heterostructures. Surface Science, 2005, 592, 112-123.	0.8	5
128	Transverse acoustic waves in piezoelectric ZnO/MgO and GaN/AlN Fibonacci-periodic superlattices. Surface Science, 2014, 624, 58-69.	0.8	5
129	Bulk and surface acoustic waves in solidâ€“fluid Fibonacci layered materials. Ultrasonics, 2015, 61, 40-51.	2.1	5
130	Elastic surface waves in crystals with overlayers: Cubic symmetry. Physical Review B, 1984, 30, 2042-2048.	1.1	4
131	Acoustic surface waves in piezoelectric cubic crystals. Surface Science, 1985, 162, 138-143.	0.8	4
132	Phonon and electron local densities of states in simple cubic superlattices: an application of the surface Green function matching method. Physica Scripta, 1988, 37, 131-137.	1.2	4
133	Electron-phonon interaction and low-field drift mobility in a polar semiconductor quantum well. Thin Solid Films, 1995, 266, 38-47.	0.8	4
134	Study of the eight-band Kane model by full transfer matrix and surface Green function matching. Physica Scripta, 1996, 53, 377-381.	1.2	4
135	Elastic waves in polytype superlattices. Journal of Physics Condensed Matter, 1996, 8, 6531-6541.	0.7	4
136	Electronic structure of (001) AlAsâ€“InAsâ€“GaAs multilayer structures. Surface Science, 1998, 412-413, 397-404.	0.8	4
137	Guided acoustic waves of an adlayer deposited on a superlattice. Vacuum, 2001, 63, 171-176.	1.6	4
138	Tight-binding calculation of the electronic band structure of GaN, AlN and BN (001) ideal surfaces. Surface Science, 2003, 529, 267-273.	0.8	4
139	Elastic layered waves in (001) III-V nitride systems. Physical Review B, 2006, 74, .	1.1	4
140	Donor impurity-related optical absorption spectra in GaAs-Ga1â€“xAlxAs quantum wells: hydrostatic pressure andÎ“ â€“X conduction band mixing effects. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 418-420.	0.8	4
141	THE ELECTROSTATIC POTENTIAL ASSOCIATED TO INTERFACE PHONON MODES IN NITRIDE SINGLE HETEROSTRUCTURES. Progress in Electromagnetics Research Letters, 2008, 1, 27-33.	0.4	4
142	Phonons in bcc transition-metal interfaces. Surface Science, 1989, 209, 492-500.	0.8	3
143	Green functions for heterostructures in an electric field. Journal of Applied Physics, 1990, 68, 4319-4321.	1.1	3
144	Surface states in GaAs-GaP (001) semi-infinite superlattices. Journal of Physics Condensed Matter, 1993, 5, 5429-5436.	0.7	3

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145	Pseudo-surface acoustic wave studies on MF2/GaAs(111) heterostructures using Brillouin scattering. Journal of Physics Condensed Matter, 1994, 6, 3347-3358.	0.7	3
146	Surface Green function matching for symmetric structures: optical phonons in a double barrier structure. Surface Science, 1997, 371, 455-467.	0.8	3
147	Stark effect in diffused quantum wells. Superlattices and Microstructures, 1999, 26, 325-332.	1.4	3
148	A model for single heterostructure field effect transistors. Surface Science, 2003, 546, 39-46.	0.8	3
149	Propagation of electromagnetic waves in periodic and Fibonacci photonic loop structures. Physica A: Statistical Mechanics and Its Applications, 2005, 358, 68-85.	1.2	3
150	Acoustic waves in (001) InNâ€“AlN and InNâ€“GaN superlattices. Surface Science, 2011, 605, 1324-1330.	0.8	3
151	Spectral functions for a semi-infinite liquid. Journal De Physique (Paris), Lettres, 1985, 46, 733-735.	2.8	3
152	Influence of surface stress on the surface elastic waves in anisotropic cubic crystals. Physica Status Solidi (B): Basic Research, 1982, 114, 35-38.	0.7	2
153	Phonons in transition metal superlattices. Surface Science, 1991, 251-252, 685-689.	0.8	2
154	Band mixing and localization in strained (001) GaAs-GaP superlattices. Physica Scripta, 1992, 46, 466-472.	1.2	2
155	Propagation and attenuation of pseudo surface acoustic modes at the (111) face of a GaAs crystal studied by Brillouin spectroscopy. Physical Review B, 1994, 50, 7793-7799.	1.1	2
156	Electronic states of a semi-infinite superlattice with an embedded quantum well. Journal of Physics Condensed Matter, 1995, 7, 3493-3500.	0.7	2
157	Vibrational properties of quasiregular systems with mirror symmetry. Surface Science, 2005, 594, 174-191.	0.8	2
158	Strain-induced low dimensional confinement structures. Applied Physics Letters, 2008, 93, 201104.	1.5	2
159	General form of the Greenâ€™s function regular at infinity for the homogeneous Sturmâ€“Liouville matrix operator. Applied Mathematics and Computation, 2015, 269, 824-833.	1.4	2
160	Excitons in {311} oriented superlattices: optical anisotropies. European Physical Journal Special Topics, 1993, 03, C5-283-C5-287.	0.2	2
161	Influence of a thin overlayer on the surface brillouin scattering. Cubic crystals. Physica Status Solidi (B): Basic Research, 1983, 117, K37.	0.7	1
162	Influence of the surface stress on the mean-square displacements of surface atoms. Physical Review B, 1983, 27, 6170-6177.	1.1	1

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163	On the density of surface acoustic waves and surface thermodynamics in a piezoelectric. Surface Science, 1986, 172, 525-532.	0.8	1
164	On the electronic structure of externally Î´-doped quantum wells. European Physical Journal D, 1993, 43, 893-898.	0.4	1
165	Phonons in (001) Mo/W/Mo and W/Mo/W layer structures. Physica Scripta, 1995, 52, 338-342.	1.2	1
166	The electronic transmittance and density of states in triangular quantum well and barrier structures. Journal of Physics Condensed Matter, 1996, 8, 7733-7743.	0.7	1
167	Electronic structure of (001) AlN/GaN quantum wells by means of a sp3sâˆ—d5 empirical tight-binding Hamiltonian. Surface Science, 2007, 601, 1079-1084.	0.8	1
168	Hole subband structure in single and double p-typeÎ´-doped diamond quantum wells. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 415-417.	0.8	1
169	Phonons in aperiodically ordered layer systems. Surface Science, 2008, 602, 2587-2599.	0.8	1
170	Vibrational contribution to the low temperature interface specific heat of two compressible liquids. Physica Scripta, 1988, 37, 218-222.	1.2	0
171	Dynamical properties of epitaxial CaF2films deposited on an Si(001) substrate studied by Brillouin spectroscopy. Journal of Physics Condensed Matter, 1994, 6, 10713-10723.	0.7	0
172	Analysis of the propagation of strongly attenuated leaky acoustic modes as method of the detection of the low scale interface defects in the layered structures. Radiation Effects and Defects in Solids, 1995, 137, 15-18.	0.4	0
173	Electronic states of (211) quantum wells. Surface Science, 1996, 367, 203-208.	0.8	0
174	Collective modes in semiconductor heterostructures. Microelectronic Engineering, 1998, 43-44, 113-116.	1.1	0
175	Elastic waves in graded-composition systems. Superlattices and Microstructures, 2000, 28, 217-230.	1.4	0
176	Sagittal Elastic Waves at the Interface between a Superlattice and a Substrate: Theoretical Analysis of the Density of States and Reflection Coefficientsrik. Physica Status Solidi (B): Basic Research, 2000, 219, 91-101.	0.7	0
177	Preface for NANO' 2003 proceedings. Microelectronics Journal, 2004, 35, 1.	1.1	0
178	Electronic spectra of quasi-regular Fibonacci systems: Analysis of simple 1D models. Microelectronics Journal, 2005, 36, 882-885.	1.1	0
179	Publisher's Note: Elastic layered waves in (001) III-V nitride systems [Phys. Rev. B74, 035431 (2006)]. Physical Review B, 2006, 74, .	1.1	0
180	Acoustic waves in (001) anisotropic polytype heterostructures. Surface Science, 2007, 601, 2931-2940.	0.8	0

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181	Selective confinement of vibrations in composite systems with alternate quasi-regular sequences. Physica B: Condensed Matter, 2007, 387, 36-44.	1.3	0
182	Acoustic waves in (110) layered structures. Surface Science, 2008, 602, 2107-2113.	0.8	0
183	Vibrational properties of (0 0 1) IIIâ€“V nitride superlattices. Surface Science, 2009, 603, 2318-2326.	0.8	0
184	Acoustic waves in (0001) III-N and MgO/ZnO superlattices. Surface Science, 2013, 609, 119-128.	0.8	0
185	Phonons at Interfaces and Superlattices. Springer Series in Surface Sciences, 1985, , 66-79.	0.3	0