

Alejandro R Goñi

List of Publications by Year in descending order

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188
papers

6,134
citations

94433

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191
docs citations

191
times ranked

8631
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional Switch Based on Spin-Labeled Gold Nanoparticles. <i>Nano Letters</i> , 2022, 22, 768-774.	9.1	2
2	Efficient infrared sunlight absorbers based on gold-covered, inverted silicon pyramid arrays. <i>Materials Advances</i> , 2022, 3, 2364-2372.	5.4	2
3	Anisotropic thermoreflectance thermometry: A contactless frequency-domain thermoreflectance approach to study anisotropic thermal transport. <i>Review of Scientific Instruments</i> , 2022, 93, 034902.	1.3	5
4	Comparing different geometries for photovoltaic-thermoelectric hybrid devices based on organics. <i>Journal of Materials Chemistry C</i> , 2021, 9, 2123-2132.	5.5	7
5	Photoluminescence of Bound Exciton Complexes and Assignment to Shallow Defects in Methylammonium/Formamidinium Lead Iodide Mixed Crystals. <i>Advanced Optical Materials</i> , 2021, 9, 2001969.	7.3	11
6	Disentangling Electron-Phonon Coupling and Thermal Expansion Effects in the Band Gap Renormalization of Perovskite Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 569-575.	4.6	29
7	Beating the Thermal Conductivity Alloy Limit Using Long-Period Compositionally Graded Si _{1-x} Ge _x Superlattices. <i>Journal of Physical Chemistry C</i> , 2020, 124, 19864-19872.	3.1	9
8	Echoes from quantum confinement. <i>Nature Materials</i> , 2020, 19, 1138-1139.	27.5	1
9	Homoconjugation in Light-Emitting Poly(phenylene methylene)s: Origin and Pressure-Enhanced Photoluminescence. <i>Macromolecules</i> , 2020, 53, 7519-7527.	4.8	16
10	Reply to the "Comment on the publication "Ferroelectricity-free lead halide perovskites" by Gomez et al." by Colsmann et al. <i>Energy and Environmental Science</i> , 2020, 13, 1892-1895.	30.8	10
11	Phase Diagram of Methylammonium/Formamidinium Lead Iodide Perovskite Solid Solutions from Temperature-Dependent Photoluminescence and Raman Spectroscopies. <i>Journal of Physical Chemistry C</i> , 2020, 124, 3448-3458.	3.1	42
12	Spectroscopic ellipsometry study of FA _{1-x} MA _x PbI ₃ hybrid perovskite single crystals. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2019, 37, .	1.2	7
13	Ferroelectricity-free lead halide perovskites. <i>Energy and Environmental Science</i> , 2019, 12, 2537-2547.	30.8	80
14	Equal Footing of Thermal Expansion and Electron-Phonon Interaction in the Temperature Dependence of Lead Halide Perovskite Band Gaps. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2971-2977.	4.6	64
15	Hydroxypropyl cellulose photonic architectures by soft nanoimprinting lithography. <i>Nature Photonics</i> , 2018, 12, 343-348.	31.4	146
16	Localized thinning for strain concentration in suspended germanium membranes and optical method for precise thickness measurement. <i>AIP Advances</i> , 2018, 8, 115131.	1.3	3
17	Comparative study of the pressure dependence of optical-phonon transverse-effective charges and linewidths in wurtzite InN. <i>Physical Review B</i> , 2018, 98, .	3.2	12
18	Pressure-Induced Locking of Methylammonium Cations versus Amorphization in Hybrid Lead Iodide Perovskites. <i>Journal of Physical Chemistry C</i> , 2018, 122, 22073-22082.	3.1	42

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19	Defect tolerant perovskite solar cells from blade coated non-toxic solvents. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19085-19093.	10.3	57
20	Towards chemically neutral carbon cleaning processes: plasma cleaning of Ni, Rh and Al reflective optical coatings and thin Al filters for free-electron lasers and synchrotron beamline applications. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 1642-1649.	2.4	4
21	High Pressure Semiconductor and Superconductor Physics. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 05F001.	1.5	0
22	Inductively coupled remote plasma-enhanced chemical vapor deposition (rPE-CVD) as a versatile route for the deposition of graphene micro- and nanostructures. <i>Carbon</i> , 2017, 117, 331-342.	10.3	17
23	Carbon-Silica Composites to Produce Highly Robust Thin-Film Electrochemical Microdevices. <i>Advanced Materials Technologies</i> , 2017, 2, 1700163.	5.8	8
24	Thermal transport in epitaxial Si _{1-x} Ge _x alloy nanowires with varying composition and morphology. <i>Nanotechnology</i> , 2017, 28, 505704.	2.6	9
25	Low-temperature resonant Raman asymmetry in 2H-MoS ₂ under high pressure. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 435702.	1.8	3
26	Quantifying local thickness and composition in thin films of organic photovoltaic blends by Raman scattering. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7270-7282.	5.5	22
27	Two-color fluorescence in elytra of the scale-worm <i>Lepidonotus squamatus</i> (Polychaeta, Polynoidae): in vivo spectral characteristic. <i>Materials Today: Proceedings</i> , 2017, 4, 4998-5005.	1.8	2
28	Spectroscopic imaging ellipsometry of self-assembled SiGe/Si nanostructures. <i>Applied Surface Science</i> , 2017, 421, 547-552.	6.1	1
29	Evaluation of the dielectric function of colloidal Cd _{1-x} Hg _x Te quantum dot films by spectroscopic ellipsometry. <i>Applied Surface Science</i> , 2017, 421, 295-300.	6.1	6
30	Crystal structure determination of karibibite, an Fe ³⁺ arsenite, using electron diffraction tomography. <i>Mineralogical Magazine</i> , 2017, 81, 1191-1202.	1.4	8
31	Investigation of proton damage in III-V semiconductors by optical spectroscopy. <i>Journal of Applied Physics</i> , 2016, 119, 235702.	2.5	2
32	Exploring the origin of high optical absorption in conjugated polymers. <i>Nature Materials</i> , 2016, 15, 746-753.	27.5	314
33	Electronic wave functions and optical transitions in (In,Ga)As/GaP quantum dots. <i>Physical Review B</i> , 2016, 94, .	3.2	10
34	Dynamic disorder, phonon lifetimes, and the assignment of modes to the vibrational spectra of methylammonium lead halide perovskites. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 27051-27066.	2.8	325
35	Photoinduced σ -to π type Switching in Thermoelectric Polymer-Carbon Nanotube Composites. <i>Advanced Materials</i> , 2016, 28, 2782-2789.	21.0	89
36	Remote plasma cleaning of optical surfaces: Cleaning rates of different carbon allotropes as a function of RF powers and distances. <i>Applied Surface Science</i> , 2016, 362, 448-458.	6.1	21

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37	Lattice dynamics and vibrational spectra of the orthorhombic, tetragonal, and cubic phases of methylammonium lead iodide. <i>Physical Review B</i> , 2015, 92, .	3.2	452
38	Red luminescence and ferromagnetism in europium oxynitridosilicates with a $\text{Pz-K}_{2\text{SO}_4}$ structure. <i>Chemical Communications</i> , 2015, 51, 2166-2169.	4.1	20
39	Effects of magnetic field gradients on the aggregation dynamics of colloidal magnetic nanoparticles. <i>Soft Matter</i> , 2015, 11, 7606-7616.	2.7	21
40	Growth and Characterization of Epitaxial In-plane SiGe Alloy Nanowires. <i>Materials Today: Proceedings</i> , 2015, 2, 548-556.	1.8	4
41	Optical and mechanical properties of nanofibrillated cellulose: Toward a robust platform for next-generation green technologies. <i>Carbohydrate Polymers</i> , 2015, 126, 40-46.	10.2	45
42	Composition and Strain Imaging of Epitaxial In-Plane SiGe Alloy Nanowires by Micro-Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2015, 119, 22154-22163.	3.1	6
43	Emission colour tuning through coupled N/La introduction in $\text{Sr}_2\text{SiO}_4\text{:Eu}^{2+}$. <i>Journal of Materials Chemistry C</i> , 2015, 3, 11471-11477.	5.5	10
44	Tailoring thermal conductivity by engineering compositional gradients in $\text{Si}_{1-x}\text{Ge}_x$ superlattices. <i>Nano Research</i> , 2015, 8, 2833-2841.	10.4	31
45	In-plane thermal conductivity of sub-20 nm thick suspended mono-crystalline Si layers. <i>Nanotechnology</i> , 2014, 25, 185402.	2.6	31
46	On the observation of electron-hole liquid luminescence under low excitation in Al_2O_3 -passivated c-Si wafers. <i>Physica Status Solidi - Rapid Research Letters</i> , 2014, 8, 943-947.	2.4	4
47	Strain-induced fundamental optical transition in $(\text{In,Ga})\text{As/GaP}$ quantum dots. <i>Applied Physics Letters</i> , 2014, 104, 011908.	3.3	12
48	Composition dependent nature of the fundamental optical transition in $(\text{In, Ga})\text{As/GaP}$ quantum dots. , 2014, , .		0
49	Using high pressure to unravel the mechanism of visible emission in amorphous Si/SiO _x nanoparticles. <i>Physical Review B</i> , 2014, 89, .	3.2	14
50	Spectroscopic Evaluation of Mixing and Crystallinity of Fullerenes in Bulk Heterojunctions. <i>Advanced Functional Materials</i> , 2014, 24, 6972-6980.	14.9	26
51	Dependence on pressure of the refractive indices of wurtzite ZnO, GaN, and AlN. <i>Physical Review B</i> , 2014, 90, .	3.2	13
52	Influence of the Relative Molecular Orientation on Interfacial Charge-Transfer Excitons at Donor/Acceptor Nanoscale Heterojunctions. <i>Journal of Physical Chemistry C</i> , 2014, 118, 14833-14839.	3.1	28
53	Poly(3-hexylthiophene) nanowires in porous alumina: internal structure under confinement. <i>Soft Matter</i> , 2014, 10, 3335.	2.7	38
54	High capacity hard carbon anodes for sodium ion batteries in additive free electrolyte. <i>Electrochemistry Communications</i> , 2013, 27, 85-88.	4.7	433

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55	A new room temperature and solvent free carbon coating procedure for battery electrode materials. <i>Energy and Environmental Science</i> , 2013, 6, 3363.	30.8	37
56	Hydrostatic-pressure dependence of Raman-active optical phonons in Nd:Mg:LiNbO ₃ . <i>Optical Materials</i> , 2013, 36, 581-583.	3.6	11
57	Nature of the optical transition in (In,Ga)As(N)/GaP quantum dots (QDs): Effect of QD size, indium composition and nitrogen incorporation. , 2013, , .		0
58	Probing local strain and composition in Ge nanowires by means of tip-enhanced Raman scattering. <i>Nanotechnology</i> , 2013, 24, 185704.	2.6	21
59	Spatial Distribution of Optical Near-Fields in Plasmonic Gold Sphere Segment Voids. <i>Plasmonics</i> , 2013, 8, 921-930.	3.4	5
60	Retrieving the spatial distribution of cavity modes in ZnO nanowires by near-field imaging and electrostatic simulations. , 2013, , .		0
61	Thermoelectric composites of poly(3-hexylthiophene) and carbon nanotubes with a large power factor. <i>Energy and Environmental Science</i> , 2013, 6, 918.	30.8	258
62	High Pressure Semiconductor Physics. <i>Physica Status Solidi (B): Basic Research</i> , 2013, 250, 668-668.	1.5	0
63	Effect of Structure and Interlayer Diffusion in Organic Position Sensitive Photodetectors Based on Complementary Wedge Donor/Acceptor Layers. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 5148-5153.	0.9	4
64	Valence band structure engineering of thin SiGe/Si quantum wells for piezoresistive applications. <i>Physica Status Solidi (B): Basic Research</i> , 2013, 250, 760-764.	1.5	3
65	Influence of alloy inhomogeneities on the determination by Raman scattering of composition and strain in Si _{1-x} Ge _x /Si(001) layers. <i>Journal of Applied Physics</i> , 2012, 112, 023512.	2.5	18
66	Retrieving the spatial distribution of cavity modes in dielectric resonators by near-field imaging and electrostatic simulations. <i>Nanoscale</i> , 2012, 4, 1620.	5.6	3
67	Vapour printing: patterning of the optical and electrical properties of organic semiconductors in one simple step. <i>Journal of Materials Chemistry</i> , 2012, 22, 4519.	6.7	16
68	Magneto-Optical Enhancement by Plasmon Excitations in Nanoparticle/Metal Structures. <i>Langmuir</i> , 2012, 28, 9010-9020.	3.5	23
69	In-Plane Epitaxial Growth of Self-Assembled Ge Nanowires on Si Substrates Patterned by a Focused Ion Beam. <i>Crystal Growth and Design</i> , 2011, 11, 3190-3197.	3.0	20
70	Dynamics of the Field-Induced Formation of Hexagonal Zipped-Chain Superstructures in Magnetic Colloids. <i>Physical Review Letters</i> , 2011, 106, 208301.	7.8	38
71	Real-time studies during coating and post-deposition annealing in organic semiconductors. <i>Thin Solid Films</i> , 2011, 519, 2678-2681.	1.8	15
72	Organic position sensitive photodetectors based on lateral donor-acceptor concentration gradients. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	16

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73	Pattern transfer optimization for the fabrication of arrays of silicon nanowires. <i>Microelectronic Engineering</i> , 2010, 87, 1479-1482.	2.4	1
74	Pressure dependence of the electronic structure of a [311] piezoelectric $\text{Ga}_{0.85}\text{In}_{0.15}\text{As}$ Physical Review B, 2010, 82, .	3.2	1
75	On the assessment of hydroxyapatite fluoridation by means of Raman scattering. <i>Journal of Chemical Physics</i> , 2010, 132, 244501.	3.0	33
76	Reduction of the transverse effective charge of optical phonons in ZnO under pressure. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	43
77	Evidence of quantum confinement effects on interband optical transitions in Si nanocrystals. <i>Physical Review B</i> , 2010, 82, .	3.2	56
78	Direct imaging of the visible emission bands from individual ZnO nanowires by near-field optical spectroscopy. <i>Nanotechnology</i> , 2009, 20, 315701.	2.6	27
79	Crystallisation of Amorphous Germanium Thin Films. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 3013-3019.	0.9	11
80	Synthesis and optical spectroscopy of ZnO nanowires. <i>Superlattices and Microstructures</i> , 2009, 45, 271-276.	3.1	36
81	Polarized Raman study of self-assembled Ge/Si dots under hydrostatic pressure. <i>Physica Status Solidi (B): Basic Research</i> , 2009, 246, 482-485.	1.5	1
82	Measurement of phonon pressure coefficients for a precise determination of deformation potentials in SiGe alloys. <i>Physica Status Solidi (B): Basic Research</i> , 2009, 246, 548-552.	1.5	7
83	Ellipsometric study of crystallization of amorphous Ge thin films embedded in SiO ₂ . <i>Thin Solid Films</i> , 2008, 516, 4277-4281.	1.8	10
84	Ellipsometric measurements of quantum confinement effects on higher interband transitions of Ge nanocrystals. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2008, 205, 888-891.	1.8	4
85	Composition dependence of the phonon strain shift coefficients of SiGe alloys revisited. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	51
86	Imaging optical near fields at metallic nanoscale voids. <i>Physical Review B</i> , 2008, 78, .	3.2	23
87	Cross-plane thermal conductivity reduction of vertically uncorrelated Ge ⁺ Si quantum dot superlattices. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	24
88	Dynamics of magnetic-field-induced clustering in ionic ferrofluids from Raman scattering. <i>Journal of Chemical Physics</i> , 2007, 126, 124701.	3.0	25
89	Evidence of breakdown of the spin symmetry in diluted 2D electron gases. <i>Europhysics Letters</i> , 2007, 77, 37003.	2.0	5
90	Phonon pressure coefficient as a probe of the strain status of self-assembled quantum dots. <i>Applied Physics Letters</i> , 2007, 91, 081914.	3.3	20

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91	Raman scattering interferences as a probe of vertical coherence in multilayers of carbon-induced Ge quantum dots. <i>Physical Review B</i> , 2007, 76, .	3.2	8
92	Evolution of strain and composition during growth and capping of Ge quantum dots with different morphologies. <i>Nanotechnology</i> , 2007, 18, 475401.	2.6	15
93	SNOM Characterization of Self-Assembled Organic Nanocrystals. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
94	Dependence of the band-gap pressure coefficients of self-assembled InAs/GaAs quantum dots on the quantum dot size. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 53-58.	1.5	10
95	Photoluminescence of CdSe quantum dots with Zn _{0.38} Cd _{0.23} Mg _{0.39} Se barriers under hydrostatic pressure. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 397-401.	1.5	2
96	Raman scattering of capped and uncapped carbon-induced Ge dots under hydrostatic pressure. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 76-81.	1.5	5
97	Strain profile of the wall of semiconductor microtubes: A micro-Raman study. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 380-385.	1.5	0
98	Growth dynamics of C-induced Ge dots on Si _{1-x} Gex strained layers. <i>Surface Science</i> , 2007, 601, 2783-2786.	1.9	5
99	Nanocalorimetric high-temperature characterization of ultrathin films of a-Ge. <i>Materials Science in Semiconductor Processing</i> , 2006, 9, 806-811.	4.0	14
100	Effect of light on the reflectance anisotropy and chain-oxygen related Raman signal in untwinned, underdoped crystals of YBa ₂ Cu ₃ O _{7-δ} . <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 340-343.	4.0	13
101	Influence of Si interdiffusion on carbon-induced growth of Ge quantum dots: a strategy for tuning island density. <i>Nanotechnology</i> , 2006, 17, 2602-2608.	2.6	17
102	Anisotropic ultraviolet Raman resonance in underdoped YBa ₂ Cu ₃ O _{6.7} . <i>Physical Review B</i> , 2006, 74, .	3.2	2
103	Probing residual strain in InGaAs/GaAs micro-origami tubes by micro-Raman spectroscopy. <i>Journal of Applied Physics</i> , 2006, 99, 063512.	2.5	23
104	Size-dependent strain effects in self-assembled CdSe quantum dots with Zn _{0.38} Cd _{0.23} Mg _{0.39} Se barriers. <i>Applied Physics Letters</i> , 2006, 89, 231109.	3.3	5
105	Density control on self-assembling of Ge islands using carbon-alloyed strained SiGe layers. <i>Applied Physics Letters</i> , 2006, 89, 101921.	3.3	18
106	Coupling between charge-density excitations and polar optical phonons in single quantum wells revisited. <i>Physical Review B</i> , 2006, 73, .	3.2	3
107	Strain and composition profiles of self-assembled Ge/Si(001) islands. <i>Journal of Applied Physics</i> , 2005, 98, 033530.	2.5	42
108	Persistent photo-excitation in GdBa ₂ Cu ₃ O _{6.5} in a simultaneous Raman and electrical-transport experiment. <i>Physical Review B</i> , 2005, 72, .	3.2	9

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109	Light-induced oxygen-ordering dynamics in (Y,Pr)Ba ₂ Cu ₃ O _{6.7} : A Raman spectroscopy and Monte Carlo study. <i>Physical Review B</i> , 2004, 70, .	3.2	13
110	Effects of the exchange instability on collective spin and charge excitations of the two-dimensional electron gas. <i>Physical Review B</i> , 2004, 70, .	3.2	4
111	Evidence of spontaneous spin polarization in the two-dimensional electron gas. <i>Physical Review B</i> , 2004, 70, .	3.2	5
112	Photoinduced chain-oxygen ordering in detwinned YBa ₂ Cu ₃ O _{6.7} single crystals studied by reflectance-anisotropy spectroscopy. <i>Physical Review B</i> , 2004, 69, .	3.2	13
113	Raman study of magnetic field effects on surfacted and ionic ferrofluids. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 277, 96-100.	2.3	6
114	Photoluminescence of one-dimensional electron gases in cleaved-edge overgrowth quantum wires. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 1041-1045.	1.5	1
115	Recombination dynamics in self-assembled InP/GaP quantum dots under high pressure. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 3263-3268.	1.5	1
116	Raman spectroscopy with UV excitation on untwinned single crystals of YBa ₂ Cu ₃ O ₇ . <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, R63-R66.	1.5	4
117	Preface: <i>phys. stat. sol. (b) 241/14</i> . <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 3091-3091.	1.5	1
118	Magnetic field effects on the exchange instability of the 2D electron gas. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004, 22, 438-441.	2.7	0
119	Optical properties and carrier dynamics of InP quantum dots embedded in GaP. , 2004, , .		1
120	High-pressure photoluminescence study of the electronic structure of InP/GaP quantum dots. <i>Physica Status Solidi (B): Basic Research</i> , 2003, 235, 412-416.	1.5	2
121	Pressure dependence of photoluminescence spectra of self-assembled InAs/GaAs quantum dots. <i>Physica Status Solidi (B): Basic Research</i> , 2003, 235, 496-500.	1.5	18
122	Electronic structure of self-assembled InP/GaP quantum dots from high-pressure photoluminescence. <i>Physical Review B</i> , 2003, 67, .	3.2	30
123	InP quantum dots embedded in GaP: Optical properties and carrier dynamics. <i>Physical Review B</i> , 2003, 67, .	3.2	50
124	Raman-study of photoinduced chain-oxygen ordering in RBa ₂ /Cu ₃ O _{7-δ} . <i>IEEE Transactions on Applied Superconductivity</i> , 2003, 13, 3192-3195.	1.7	2
125	Raman spectroscopy on surfacted ferrofluids in a magnetic field. <i>Physical Review E</i> , 2002, 66, 021407.	2.1	10
126	Exchange instability of the two-dimensional electron gas in semiconductor quantum wells. <i>Physical Review B</i> , 2002, 65, .	3.2	24

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127	Wave vector dispersion of excitations of the two-dimensional electron gas from light scattering using a grating coupler. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002, 13, 341-344.	2.7	0
128	Effect of an electric field on electronic excitations in double quantum wells. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002, 13, 345-348.	2.7	1
129	Effect of pressure on optical phonon modes and transverse effective charges in GaN and AlN. <i>Physical Review B</i> , 2001, 64, .	3.2	211
130	Magnetoexcitons in Zn _{0.98} Mn _{0.02} Te under High Hydrostatic Pressure. <i>Physica Status Solidi (B): Basic Research</i> , 2001, 223, 171-175.	1.5	2
131	Rare-earth dependence of photoinduced chain-oxygen ordering in RbBa ₂ Cu ₃ O _{7-x} investigated by Raman scattering. <i>Physical Review B</i> , 2001, 65, .	3.2	16
132	Resonant Raman scattering in an InAs/GaAs monolayer structure. <i>Springer Proceedings in Physics</i> , 2001, , 697-698.	0.2	0
133	High-Pressure Photoluminescence Studies of Pseudomorphic Si _{1-y} Cy/Si MQW Structures. <i>Physica Status Solidi (B): Basic Research</i> , 2000, 219, 103-114.	1.5	4
134	Effect of Pressure on Direct Optical Transitions of InSe. <i>Physica Status Solidi (B): Basic Research</i> , 2000, 221, 777-787.	1.5	30
135	Coupling of intersubband charge-density excitations to longitudinal-optical phonons in modulation-doped GaAs quantum wells. <i>Solid State Communications</i> , 2000, 115, 85-88.	1.9	4
136	Different temperature renormalizations for heavy and light-hole states of monolayer-thick heterostructures. <i>Solid State Communications</i> , 2000, 116, 121-124.	1.9	10
137	Magnetoluminescence Study of Annealing Effects on the Electronic Structure of Self-organized InGaAs/GaAs Quantum Dots. <i>Japanese Journal of Applied Physics</i> , 2000, 39, 3907-3914.	1.5	25
138	Resonant Raman scattering in GaAs induced by an embedded InAs monolayer. <i>Physical Review B</i> , 2000, 63, .	3.2	6
139	Enhanced Vortex Damping by Eddy Currents in Superconductor-Semiconductor Hybrids. <i>Physical Review Letters</i> , 2000, 84, 3702-3705.	7.8	13
140	Direct evidence for filamentary and channel vortex flow in Pb/In superconducting films. <i>Physical Review B</i> , 1999, 59, R6624-R6627.	3.2	15
141	Rotation-vibrational dynamics of solid C ₆₀ : A Raman study. <i>Physical Review B</i> , 1999, 60, 13351-13354.	3.2	10
142	Magnetoluminescence of Annealed Self-Organized InGaAs/GaAs Quantum Dots. <i>Physica Status Solidi (B): Basic Research</i> , 1999, 215, 313-318.	1.5	5
143	Inelastic Light Scattering by Elementary Excitations of the 2D Electron Gas at High Densities. <i>Physica Status Solidi (B): Basic Research</i> , 1999, 215, 347-351.	1.5	9
144	Raman Scattering by Optical Phonons in a Highly Strained InAs/GaAs Monolayer. <i>Physica Status Solidi (B): Basic Research</i> , 1999, 215, 419-424.	1.5	19

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145	Intermolecular Interaction in Carbon Nanotube Ropes. <i>Physica Status Solidi (B): Basic Research</i> , 1999, 215, 435-441.	1.5	54
146	Pressure and temperature effects on optical transitions in cubic GaN. <i>Journal of Applied Physics</i> , 1999, 86, 929-934.	2.5	33
147	Chapter 4 Optical Properties of Semiconductors under Pressure. <i>Semiconductors and Semimetals</i> , 1998, 54, 247-425.	0.7	62
148	High-gain excitonic lasing from a single InAs monolayer in bulk GaAs. <i>Applied Physics Letters</i> , 1998, 72, 1433-1435.	3.3	30
149	High-Pressure Raman Scattering of Biaxially Strained GaN on GaAs. <i>Materials Research Society Symposia Proceedings</i> , 1997, 468, 225.	0.1	5
150	Vibrational Properties of InSe under Pressure: Experiment and Theory. <i>Physica Status Solidi (B): Basic Research</i> , 1996, 198, 121-127.	1.5	35
151	Photoluminescence of a Pseudomorphic Si _{1-x} C _x /Si MQW Structure under Pressure. <i>Physica Status Solidi (B): Basic Research</i> , 1996, 198, 315-320.	1.5	8
152	Pressure Dependence of the Electronic Subband Structure of Strained In _{0.2} Ga _{0.8} As/GaAs MQWs. <i>Physica Status Solidi (B): Basic Research</i> , 1996, 198, 329-335.	1.5	0
153	Pressure-Temperature Phase Diagram of the Spin-Peierls Compound CuGeO ₃ . <i>Physical Review Letters</i> , 1996, 77, 1079-1082.	7.8	35
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