

# Luis ViÑ±a

## List of Publications by Year in descending order

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184  
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184  
docs citations

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times ranked

3562  
citing authors

#	ARTICLE	IF	CITATIONS
1	Propagative Oscillations in Codirectional Polariton Waveguide Couplers. Physical Review Letters, 2021, 126, 075302.	7.8	12
2	Effects of the Linear Polarization of Polariton Condensates in Their Propagation in Codirectional Couplers. ACS Photonics, 2021, 8, 2489-2497.	6.6	2
3	Impact of the Energetic Landscape on Polariton Condensates' Propagation along a Coupler. Advanced Optical Materials, 2020, 8, 2000650.	7.3	6
4	Directional Coupler: Impact of the Energetic Landscape on Polariton Condensates' Propagation along a Coupler (Advanced Optical Materials 18/2020). Advanced Optical Materials, 2020, 8, 2070072.	7.3	4
5	On the remote coherence of polariton condensates in 1D microcavities: A photoluminescence study. Journal of Luminescence, 2020, 228, 117612.	3.1	0
6	Determination of Polariton Condensates' Critical Temperature. Physica Status Solidi (B): Basic Research, 2019, 256, 1800519.	1.5	2
7	Counter-directional polariton coupler. Applied Physics Letters, 2019, 114, 061102.	3.3	7
8	Temperature dependence of the coherence in polariton condensates. Physical Review B, 2018, 97, .	3.2	3
9	Cavity polariton condensate in a disordered environment. Physical Review B, 2016, 93, .	3.2	11
10	Optical control of spin textures in quasi-one-dimensional polariton condensates. Physical Review B, 2015, 91, .	3.2	25
11	Spin selective filtering of polariton condensate flow. Applied Physics Letters, 2015, 107, .	3.3	22
12	Single photon emission dynamics of InP-InGaP quantum dots under p-shell excitation. Europhysics Letters, 2014, 108, 17002.	2.0	0
13	Ignition and formation dynamics of a polariton condensate on a semiconductor microcavity pillar. Physical Review B, 2014, 90, .	3.2	5
14	Operation speed of polariton condensate switches gated by excitons. Physical Review B, 2014, 89, .	3.2	20
15	Quantum coherence in momentum space of light-matter condensates. Physical Review B, 2014, 90, .	3.2	8
16	Focus on Bose condensation phenomena in atomic and solid state physics. New Journal of Physics, 2013, 15, 035010.	2.9	0
17	Energy relaxation of exciton-polariton condensates in quasi-one-dimensional microcavities. Physical Review B, 2013, 88, .	3.2	30
18	Build up of off-diagonal long-range order in microcavity exciton-polaritons across the parametric threshold. Optics Express, 2013, 21, 10792.	3.4	8

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19	Exciton recombination dynamics in single ZnO tetrapods. , 2013, , .		0
20	Quantum reflections and shunting of polariton condensate wave trains: Implementation of a logic AND gate. Physical Review B, 2013, 88, .	3.2	29
21	Polarized emission in polariton condensates: Switching in a one-dimensional natural trap versus inversion in two dimensions. Physical Review B, 2013, 88, .	3.2	5
22	Light emission and spin-polarised hole injection in InAs/GaAs quantum dot heterostructures with Schottky contact. Europhysics Letters, 2012, 98, 27012.	2.0	2
23	Role of supercurrents on vortices formation in polariton condensates. Optics Express, 2012, 20, 16366.	3.4	17
24	Dynamics of a polariton condensate transistor switch. Applied Physics Letters, 2012, 101, .	3.3	36
25	Recombination dynamics of excitons and exciton complexes in single quantum dots. Europhysics Letters, 2012, 100, 67006.	2.0	8
26	Coherence properties of exciton polariton OPO condensates in one and two dimensions. New Journal of Physics, 2012, 14, 075018.	2.9	19
27	Onset and Dynamics of Vortex-Antivortex Pairs in Polariton Optical Parametric Oscillator Superfluids. Physical Review Letters, 2011, 107, 036401.	7.8	42
28	Dynamics of InP/(Ga,In)P quantum-dot single-photon emitters. , 2011, , .		0
29	Buildup and decay of the coherence in a polariton condensate. , 2011, , .		0
30	Motion of Spin Polariton Bullets in Semiconductor Microcavities. Physical Review Letters, 2011, 107, 146402.	7.8	51
31	Vortex stability and permanent flow in nonequilibrium polariton condensates. Journal of Applied Physics, 2011, 109, 102406.	2.5	6
32	Superfluidity in polariton condensates. Journal of Physics: Conference Series, 2010, 210, 012060.	0.4	2
33	Exciton-formation time obtained from the spin splitting dynamics. Journal of Physics: Conference Series, 2010, 210, 012002.	0.4	1
34	Recombination dynamics of exciton and exciton complexes in single quantum dots. Journal of Physics: Conference Series, 2010, 210, 012014.	0.4	0
35	Effects of disorder on the polariton condensates in CdTe microcavities. , 2010, , .		0
36	Persistent currents and quantized vortices in a polariton superfluid. Nature Physics, 2010, 6, 527-533.	16.7	282

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37	Observation of a Long-Lived Polariton State in Semiconductor Microcavities. , 2010, , .		0
38	Electroluminescence And Spin-Polarized Hole Injection In InAs <sup>+</sup> GaAs Quantum Dot Heterostructures. , 2010, , .		1
39	Observation of Quantum Hydrodynamic Effects in Microcavity Polaritons. , 2010, , .		0
40	Optical induced vortices and persistent currents in polariton condensates. Journal of Physics: Conference Series, 2010, 210, 012023.	0.4	3
41	Collective dynamics of excitons and polaritons in semiconductor nanostructures. Semiconductor Science and Technology, 2010, 25, 043001.	2.0	16
42	Polariton condensates put in motion. Nanotechnology, 2010, 21, 134025.	2.6	6
43	Effect of Interactions on Vortices in a Nonequilibrium Polariton Condensate. Physical Review Letters, 2010, 104, 126402.	7.8	58
44	Exciton-polariton condensation in a natural two-dimensional trap. Physical Review B, 2009, 80, .	3.2	36
45	Dynamics of the Formation and Decay of Coherence in a Polariton Condensate. Physical Review Letters, 2009, 103, 096404.	7.8	25
46	Collective fluid dynamics of a polariton condensate in a semiconductor microcavity. Nature, 2009, 457, 291-295.	27.8	494
47	Observation of the zero-magnetic-field exciton spin splitting in high quality bulk GaAs and AlGaAs. Applied Physics Letters, 2009, 95, 182107.	3.3	7
48	Reversal of spin polarization direction in excitonic photoluminescence of AlGaAs. Europhysics Letters, 2009, 88, 17001.	2.0	3
49	Carrier injection effects on exciton dynamics in GaAs/AlAs resonant-tunneling diodes. Europhysics Letters, 2009, 85, 67010.	2.0	4
50	Observation of Long-Lived Polariton States in Semiconductor Microcavities across the Parametric Threshold. Physical Review Letters, 2009, 102, 056402.	7.8	32
51	Exciton warming in III-V semiconductors and microcavities. Superlattices and Microstructures, 2008, 43, 449-453.	3.1	0
52	Polariton relaxation after resonant pumping at the upper polariton branch under doubly-resonant Raman scattering conditions. Physica Status Solidi (B): Basic Research, 2008, 245, 1081-1084.	1.5	0
53	Ultrafast tailoring of the exciton distribution in quantum wells. Physica Status Solidi (B): Basic Research, 2008, 245, 1064-1066.	1.5	1
54	Spatial distribution of strong and weak coupled exciton-polaritons in semiconductor microcavities. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 2049-2052.	2.7	1

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55	Optically induced ultrafast quenching of the semiconductor quantum well luminescence. Applied Physics Letters, 2008, 92, 061912.	3.3	3
56	Control of non-Markovian effects in the dynamics of polaritons in semiconductor microcavities. Physical Review B, 2008, 78, .	3.2	15
57	Resonant light transport through Mie modes in photonic glasses. Physical Review A, 2008, 78, .	2.5	62
58	Polariton and spin dynamics in semiconductor microcavities under non-resonant excitation. Journal of Physics Condensed Matter, 2007, 19, 295204.	1.8	12
59	Transition from the strong- to the weak-coupling regime in semiconductor microcavities: Polarization dependence. Applied Physics Letters, 2007, 90, 201905.	3.3	20
60	Photoluminescence dynamics in GaAs along an optically induced Mott transition. Journal of Applied Physics, 2007, 101, 081717.	2.5	20
61	Observation of Resonant Behavior in the Energy Velocity of Diffused Light. Physical Review Letters, 2007, 99, 233902.	7.8	73
62	Pauli blockade of the electron spin flip in bulk GaAs. Physical Review B, 2007, 75, .	3.2	12
63	Using Phonons to Populate the Bottom of the Polariton Dispersion Relation. AIP Conference Proceedings, 2007, , .	0.4	0
64	Spin-Dependent Strong- to Weak-Coupling Transition in Semiconductor Microcavities. AIP Conference Proceedings, 2007, , .	0.4	0
65	k-Dependence of the Electron Spin-Flip Time in GaAs. AIP Conference Proceedings, 2007, , .	0.4	0
66	Polariton relaxation dynamics in semiconductor microcavities: Non-Markovian effects. AIP Conference Proceedings, 2007, , .	0.4	0
67	Spin-dependent coexistence of weakly coupled and strongly coupled modes in semiconductor microcavities. Superlattices and Microstructures, 2007, 41, 321-327.	3.1	0
68	Dynamics of polaritons resonantly created at the upper polariton branch. Superlattices and Microstructures, 2007, 41, 328-332.	3.1	7
69	Photoluminescence of "dark" excitons in CdMnTe quantum well, embedded in a microcavity. Superlattices and Microstructures, 2007, 41, 386-391.	3.1	2
70	Optical anisotropy and pinning of the linear polarization of light in semiconductor microcavities. Solid State Communications, 2006, 139, 511-515.	1.9	77
71	Interplay of exciton and electron-hole plasma recombination on the photoluminescence dynamics in bulk GaAs. Physical Review B, 2006, 73, .	3.2	40
72	Non-linear coupling of polariton and dark exciton states in semiconductor microcavities. Solid State Communications, 2005, 135, 1-6.	1.9	21

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73	Dynamics of relaxation and trapping of excitons in Al <sub>x</sub> Ga <sub>1-x</sub> As films. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 906-909.	0.8	0
74	Angular switching of the linear polarization of the emission in InGaAs microcavities. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 3868-3871.	0.8	5
75	Striking dynamics of II-VI microcavity polaritons after linearly polarized excitation. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 3880-3883.	0.8	6
76	Polarization dynamics of microcavity polaritons: Three excitation regimes. Physica Status Solidi (A) Applications and Materials Science, 2005, 202, 357-361.	1.8	3
77	Exciton Relaxation and Spin Dynamics in Al <sub>x</sub> Ga <sub>1-x</sub> As Films. AIP Conference Proceedings, 2005, , .	0.4	0
78	Polarization of Light Emission in Semiconductor Microcavities: Dispersion Mapping. AIP Conference Proceedings, 2005, , .	0.4	0
79	Free and Bound Exciton Dynamics in Bulk II-VI Semiconductors. AIP Conference Proceedings, 2005, , .	0.4	0
80	Influence of trapping on the exciton dynamics of Al <sub>x</sub> Ga <sub>1-x</sub> As films. Applied Physics Letters, 2005, 86, 111906.	3.3	5
81	Quantum beats between light and dark polariton states in semiconductor microcavities. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 1351-1356.	0.8	2
82	Oscillatory behaviour in the nonlinear emission of semiconductor microcavities. Semiconductor Science and Technology, 2004, 19, S333-S335.	2.0	5
83	Detuning dependence of polariton spin dynamics. Semiconductor Science and Technology, 2004, 19, S365-S368.	2.0	4
84	Dynamics of Polariton Emission in the Linear Regime. Acta Physica Polonica A, 2004, 106, 443-450.	0.5	2
85	Time-Resolved Emission from Semiconductor Microcavities. Acta Physica Polonica A, 2004, 106, 435-442.	0.5	0
86	Non-Linear Effects on the Spin Dynamics of Polaritons in II-VI Microcavities. , 2003, , 63-78.		0
87	Polarization Control of the Nonlinear Emission of Semiconductor Microcavities. Physical Review Letters, 2002, 89, 077402.	7.8	84
88	Polariton Spin Dynamics in II-VI Microcavities. Physica Status Solidi A, 2002, 190, 351-355.	1.7	1
89	The Role of Spin in Interacting Excitonic Gases. Physica Status Solidi A, 2002, 190, 615-623.	1.7	3
90	Capture and confinement of light and carriers in graded-index quantum well laser structures. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 13, 885-887.	2.7	1

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91	Modulation of the Yb <sup>3+</sup> to Er <sup>3+</sup> energy transfer in LiNbO <sub>3</sub> crystals by applying magnetic field. Journal of Alloys and Compounds, 2001, 323-324, 344-347.	5.5	2
92	Spin dynamics of cavity polaritons. Solid State Communications, 2001, 117, 267-271.	1.9	16
93	Ultrafast light-polarization dynamics in semiconductor microcavities. Solid State Communications, 2001, 119, 259-270.	1.9	4
94	Spin dynamics and spin-dependent interactions in semiconductor heterostructures. Physica B: Condensed Matter, 2001, 298, 376-383.	2.7	2
95	Ultrafast polarization switching in a CdTe microcavity. Springer Proceedings in Physics, 2001, , 667-668.	0.2	0
96	Spin dependent exciton-exciton interaction in hot and cold 2D exciton gases controlled by an electric field. Springer Proceedings in Physics, 2001, , 499-500.	0.2	0
97	Polarization of magnetopolaritons in a semiconductor microcavity. Springer Proceedings in Physics, 2001, , 671-672.	0.2	0
98	Coherent vs. Incoherent Emission in Quantum Wells studied by Polarisation- and Time-Resolved Spectroscopy. Springer Proceedings in Physics, 2001, , 609-610.	0.2	0
99	Spin Polarization Dynamics in a Semiconductor Microcavity. Physica Status Solidi A, 2000, 178, 539-543.	1.7	3
100	Polaritonic coupling and spin dynamics in GaAs microcavities. Physica E: Low-Dimensional Systems and Nanostructures, 2000, 6, 169-172.	2.7	1
101	Exciton dynamics and valence band mixing in tensile-strained semiconductor quantum wells. Semiconductor Science and Technology, 2000, 15, 189-196.	2.0	4
102	Carrier and light trapping in graded quantum-well laser structures. Applied Physics Letters, 2000, 76, 3540-3542.	3.3	8
103	Tailoring of Spin-Dependent Excitonic Interaction in Quantum Wells by an Electric Field. , 2000, , 117-132.		0
104	Cooling of a semiconductor by luminescence up-conversion. Applied Physics Letters, 1999, 75, 1258-1260.	3.3	89
105	Electric-Field Tuning of Spin-Dependent Exciton-Exciton Interactions in Coupled Quantum Wells. Physical Review Letters, 1999, 83, 2433-2436.	7.8	19
106	Spin relaxation in low-dimensional systems. Journal of Physics Condensed Matter, 1999, 11, 5929-5952.	1.8	54
107	Spin polarization of an optically pumped electron gas. Solid State Communications, 1999, 110, 163-168.	1.9	9
108	Spin-Dependent Exciton-Exciton Interaction in Quantum Wells under an Electric Field. Physica Status Solidi (B): Basic Research, 1999, 215, 223-228.	1.5	0

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109	On the Spin-Flip Mechanisms of Electrons in Semiconductor Quantum Wells. Physica Status Solidi (B): Basic Research, 1999, 215, 229-233.	1.5	9
110	Ultrafast Processes in Semiconductor Structures. Acta Physica Polonica A, 1999, 96, 573-592.	0.5	0
111	On the Spin-Flip Mechanisms of Electrons in Semiconductor Quantum Wells. Physica Status Solidi (B): Basic Research, 1999, 215, 229-233.	1.5	0
112	Many body effects on the spin relaxation of electrons in GaAs quantum wells. Physica E: Low-Dimensional Systems and Nanostructures, 1998, 2, 186-190.	2.7	3
113	Signatures of quantum chaos in the magneto-excitonic spectrum of quantum wells. Physics-Uspekhi, 1998, 41, 153-156.	2.2	13
114	Role of hole localization in the optical singularities of a two-dimensional electron gas studied by time-resolved photoluminescence. Semiconductor Science and Technology, 1997, 12, 953-957.	2.0	3
115	Substrate effect on CdTe layers grown by metalorganic vapor phase epitaxy. Applied Physics Letters, 1997, 70, 1314-1316.	3.3	30
116	Polarized interacting exciton gas in quantum wells and bulk semiconductors. Physical Review B, 1996, 54, 11582-11591.	3.2	48
117	Exciton dynamics and spin relaxation in unstrained and tensile-strained quantum wells. Journal of the Optical Society of America B: Optical Physics, 1996, 13, 994.	2.1	4
118	Evolution of Fano resonances in two- and three-dimensional semiconductors with a magnetic field. Solid State Communications, 1996, 97, 459-464.	1.9	19
119	Modulation of Fano resonances by an external magnetic field in semiconductor quantum wells. Solid-State Electronics, 1996, 40, 85-88.	1.4	6
120	Exciton dynamics and spin-flip in tensile strained quantum wells. Solid-State Electronics, 1996, 40, 737-740.	1.4	8
121	Spin splitting of excitons in GaAs quantum wells at zero magnetic field. Solid-State Electronics, 1996, 40, 755-758.	1.4	5
122	Role of excitons in double Raman resonances in GaAs quantum wells. Physical Review B, 1996, 53, 3975-3982.	3.2	10
123	Spin splitting in a polarized quasi-two-dimensional exciton gas. Physical Review B, 1996, 54, R8317-R8320.	3.2	54
124	Modification of Fano resonances by resonant polaron coupling in bulk GaAs. Semiconductor Science and Technology, 1996, 11, 1411-1415.	2.0	6
125	Magneto-Raman resonances in quantum wells: excitonic effects. Physica B: Condensed Matter, 1995, 211, 447-450.	2.7	2
126	Spin relaxation in intrinsic GaAs quantum wells: Influence of excitonic localization. Physical Review B, 1995, 51, 4247-4257.	3.2	69



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127	Free to bound exciton relaxation in [001] and [111] GaAs/GaAlAs quantum wells. Solid-State Electronics, 1994, 37, 877-880.	1.4	3
128	Magneto-optical properties of biaxially strained quantum wells. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1994, 70, 397-408.	0.6	3
129	Valence-band-shape modification due to band coupling in strained quantum wells. Physical Review B, 1993, 47, 13926-13929.	3.2	20
130	Spin dynamics in doped and intrinsic GaAs quantum wells. Physica Scripta, 1993, T49B, 464-469.	2.5	1
131	Double Raman Resonances in Semiconductor Multiquantum Wells Induced by High Magnetic Fields. , 1993, , 121-130.		0
132	Spin relaxation dynamics of excitons and free carriers in quasi-two-dimensional GaAlAs/GaAs structures. , 1992, , .		3
133	Excitonic spectrum of [111] GaAs/Ga <sub>1-x</sub> Al <sub>x</sub> As quantum wells. Physical Review B, 1992, 46, 13234-13243.	3.2	15
134	Double Raman resonances by light and heavy magneto-excitons in GaAs/AlAs multiquantum wells. Surface Science, 1992, 267, 418-421.	1.9	2
135	Magneto-optical properties of quantum wells under biaxial tensile strain. Surface Science, 1992, 267, 533-536.	1.9	0
136	Resonance raman scattering in CdTe/CdMnTe superlattices under a magnetic field. Solid State Communications, 1992, 83, 539-543.	1.9	2
137	Spin relaxation dynamics in GaAs quantum wells: Free carriers and excitons. Superlattices and Microstructures, 1992, 12, 379-386.	3.1	16
138	Resonance Raman scattering of In <sub>x</sub> Al <sub>1-x</sub> As lattice matched to InP. Solid State Communications, 1991, 78, 835-839.	1.9	4
139	Magnetoexcitons in narrow GaAs/Ga <sub>1-x</sub> Al <sub>x</sub> As quantum wells. Physical Review B, 1991, 43, 14707-14710.	3.2	34
140	Double Raman resonances induced by a magnetic field in GaAs-AlAs multiple quantum wells. Physical Review B, 1991, 44, 1113-1117.	3.2	19
141	Subpicosecond spin relaxation dynamics of excitons and free carriers in GaAs quantum wells. Physical Review Letters, 1991, 67, 3432-3435.	7.8	336
142	Magneto-Optics of [111] GaAs/GaAlAs Quantum Wells. NATO ASI Series Series B: Physics, 1991, , 73-84.	0.2	3
143	Resonant Raman Scattering in GaAs-AlAs Multiquantum Wells Under Magnetic Fields. NATO ASI Series Series B: Physics, 1991, , 53-61.	0.2	2
144	Ultrafast initial relaxation of hot electrons and holes in tetrahedral semiconductors via deformation potential interaction: Theory and experiment. Applied Physics Letters, 1990, 57, 2838-2840.	3.3	19

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145	Spectral ellipsometry of semiconductors and semiconductor structures. , 1990, 1286, 111.		1
146	Magnetic field effects in highly resolved two-dimensional excitons. Surface Science, 1990, 229, 504-507.	1.9	8
147	Excitons in Low Dimensional Semiconductors. NATO ASI Series Series B: Physics, 1990, , 317-323.	0.2	0
148	Orientation dependent amphoteric behavior of group IV impurities in the molecular beam epitaxial and vapor phase epitaxial growth of GaAs. Journal of Crystal Growth, 1989, 96, 27-39.	1.5	50
149	Stark and Zeeman effects in excitons in GaAs/GaAlAs quantum wells. Superlattices and Microstructures, 1989, 5, 371-374.	3.1	9
150	Interband Critical Point Parameters Determined by Ellipsometry in Cd <sub>x</sub> Hg <sub>1-x</sub> Se. Physica Status Solidi (B): Basic Research, 1989, 156, 371-376.	1.5	21
151	Magneto-Excitons in GaAs/GaAlAs Quantum Wells. NATO ASI Series Series B: Physics, 1989, , 367-379.	0.2	0
152	Interband critical point parameters determined by ellipsometry in Zn <sub>x</sub> Hg <sub>1-x</sub> Se. Solid State Communications, 1988, 68, 591-594.	1.9	9
153	Optical spectroscopy of excitons in quantum wells. Journal of Luminescence, 1988, 40-41, 12-16.	3.1	2
154	Spectroscopic studies of excitonic fine structure under electric fields. Surface Science, 1988, 196, 569-577.	1.9	16
155	Study of electric field effects on the electronic structure of quantum wells by resonant Raman scattering. Surface Science, 1988, 196, 578-583.	1.9	2
156	High angular-momentum excitons in GaAs-Ga <sub>1-x</sub> Al <sub>x</sub> As quantum wells. Physical Review B, 1988, 38, 10154-10157.	3.2	18
157	Optical Spectroscopy of Excitons in Quantum Wells Under an Electric Field. Springer Proceedings in Physics, 1988, , 230-243.	0.2	1
158	Stark shifts in GaAs/GaAlAs quantum wells studied by photoluminescence spectroscopy. Journal of Physics C: Solid State Physics, 1987, 20, 2803-2815.	1.5	61
159	Resonant Raman scattering in GaAs-Ga <sub>1-x</sub> Al <sub>x</sub> As quantum wells in an electric field. Physical Review B, 1987, 36, 6054-6057.	3.2	9
160	Mixing between heavy-hole and light-hole excitons in GaAs/Al <sub>x</sub> Ga <sub>1-x</sub> As quantum wells in an electric field. Physical Review B, 1987, 36, 1531-1534.	3.2	51
161	Vin <sup>l</sup> fa let al.P reply. Physical Review Letters, 1987, 59, 602-602.	7.8	2
162	Electronic Properties Of Quantum Wells In Perturbing Fields. Proceedings of SPIE, 1987, , .	0.8	17

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163	Interference effects of Raman scattering by Lo-phonons near the $E_0 + \Gamma$ o-GAP studied on (100), (111), and (111) faces of GaAs. Solid State Communications, 1987, 61, 487-489.	1.9	10
164	Excitonic transitions and optically excited transport in quantum wells in an electric field. Superlattices and Microstructures, 1987, 3, 291-293.	3.1	10
165	Optical spectroscopy of quantum wells under an external electric field. Superlattices and Microstructures, 1987, 3, 9-12.	3.1	14
166	Temperature dependence of the dielectric function and interband critical points in silicon. Physical Review B, 1987, 36, 4821-4830.	3.2	717
167	OPTICAL PROPERTIES OF GaAs/AlGaAs MULTIPLE QUANTUM WELLS GROWN IN THE [111] CRYSTALLOGRAPHIC DIRECTION. Journal De Physique Colloque, 1987, 48, C5-235-C5-238.	0.2	5
168	RAMAN SCATTERING AND EXCITATION SPECTROSCOPY IN CdTe/CdMnTe SUPERLATTICES. Journal De Physique Colloque, 1987, 48, C5-317-C5-320.	0.2	0
169	High-purity GaAs grown by molecular-beam epitaxy. Journal of Applied Physics, 1986, 59, 937-939.	2.5	40
170	AlGaAs/GaAs(111) heterostructures grown by molecular beam epitaxy. Applied Physics Letters, 1986, 48, 36-37.	3.3	82
171	Ellipsometric studies of the dielectric function of $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$ alloys. Physical Review B, 1985, 32, 3811-3818.	3.2	112
172	Ellipsometric study of interband transitions in orthorhombic GeS. Physical Review B, 1985, 31, 2180-2189.	3.2	26
173	Resonance Raman scattering in InSb: Deformation potentials and interference effects at the $E_1$ gap. Physical Review B, 1985, 32, 3966-3973.	3.2	20
174	Temperature dependence of the dielectric function and the interband critical points of InSb. Physical Review B, 1985, 31, 947-957.	3.2	118
175	Effect of heavy doping on the optical properties and the band structure of silicon. Physical Review B, 1984, 29, 6739-6751.	3.2	149
176	Radiative recombination in heavily doped p-type germanium. Physical Review B, 1984, 30, 7030-7036.	3.2	43
177	Temperature dependence of the dielectric function of germanium. Physical Review B, 1984, 30, 1979-1991.	3.2	716
178	Ellipsometric studies of electronic interband transitions in $\text{Cd}_x\text{Hg}_{1-x}\text{Te}$ . Physical Review B, 1984, 29, 6752-6760.	3.2	127
179	Optical constants of pure and heavily doped silicon and germanium: Electronic interband transitions. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1983, 117-118, 356-358.	0.9	2
180	Visible and near-uv optical spectra of $\text{Ga}_{1-x}\text{Se}_x$ . Physical Review B, 1983, 27, 6498-6501.	3.2	8

#	ARTICLE	IF	CITATIONS
181	THE ELECTRONIC STRUCTURE OF HEAVILY DOPED ION IMPLANTED LASER ANNEALED SILICON : ELLIPSOMETRIC MEASUREMENTS. Journal De Physique Colloque, 1983, 44, C5-203-C5-208.	0.2	2