

Luis Viã±a

List of Publications by Year in descending order

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180
papers

5,307
citations

136740

32
h-index

88477

70
g-index

184
all docs

184
docs citations

184
times ranked

3562
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature dependence of the dielectric function and interband critical points in silicon. Physical Review B, 1987, 36, 4821-4830.	1.1	717
2	Temperature dependence of the dielectric function of germanium. Physical Review B, 1984, 30, 1979-1991.	1.1	716
3	Collective fluid dynamics of a polariton condensate in a semiconductor microcavity. Nature, 2009, 457, 291-295.	13.7	494
4	Subpicosecond spin relaxation dynamics of excitons and free carriers in GaAs quantum wells. Physical Review Letters, 1991, 67, 3432-3435.	2.9	336
5	Persistent currents and quantized vortices in a polariton superfluid. Nature Physics, 2010, 6, 527-533.	6.5	282
6	Effect of heavy doping on the optical properties and the band structure of silicon. Physical Review B, 1984, 29, 6739-6751.	1.1	149
7	Ellipsometric studies of electronic interband transitions in $\text{Cd}_x\text{Hg}_{1-x}\text{Te}$. Physical Review B, 1984, 29, 6752-6760.	1.1	127
8	Temperature dependence of the dielectric function and the interband critical points of InSb. Physical Review B, 1985, 31, 947-957.	1.1	118
9	Ellipsometric studies of the dielectric function of $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$ alloys. Physical Review B, 1985, 32, 3811-3818.	1.1	112
10	Cooling of a semiconductor by luminescence up-conversion. Applied Physics Letters, 1999, 75, 1258-1260.	1.5	89
11	Polarization Control of the Nonlinear Emission of Semiconductor Microcavities. Physical Review Letters, 2002, 89, 077402.	2.9	84
12	AlGaAs/GaAs(111) heterostructures grown by molecular beam epitaxy. Applied Physics Letters, 1986, 48, 36-37.	1.5	82
13	Optical anisotropy and pinning of the linear polarization of light in semiconductor microcavities. Solid State Communications, 2006, 139, 511-515.	0.9	77
14	Observation of Resonant Behavior in the Energy Velocity of Diffused Light. Physical Review Letters, 2007, 99, 233902.	2.9	73
15	Spin relaxation in intrinsic GaAs quantum wells: Influence of excitonic localization. Physical Review B, 1995, 51, 4247-4257.	1.1	69
16	Resonant light transport through Mie modes in photonic glasses. Physical Review A, 2008, 78, .	1.0	62
17	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
18	Effect of Interactions on Vortices in a Nonequilibrium Polariton Condensate. Physical Review Letters, 2010, 104, 126402.	2.9	58

#	ARTICLE	IF	CITATIONS
19	Spin splitting in a polarized quasi-two-dimensional exciton gas. <i>Physical Review B</i> , 1996, 54, R8317-R8320.	1.1	54
20	Spin relaxation in low-dimensional systems. <i>Journal of Physics Condensed Matter</i> , 1999, 11, 5929-5952.	0.7	54
21	Mixing between heavy-hole and light-hole excitons in GaAs/Al _x Ga _{1-x} As quantum wells in an electric field. <i>Physical Review B</i> , 1987, 36, 1531-1534.	1.1	51
22	Motion of Spin Polariton Bullets in Semiconductor Microcavities. <i>Physical Review Letters</i> , 2011, 107, 146402.	2.9	51
23	Orientation dependent amphoteric behavior of group IV impurities in the molecular beam epitaxial and vapor phase epitaxial growth of GaAs. <i>Journal of Crystal Growth</i> , 1989, 96, 27-39.	0.7	50
24	Polarized interacting exciton gas in quantum wells and bulk semiconductors. <i>Physical Review B</i> , 1996, 54, 11582-11591.	1.1	48
25	Radiative recombination in heavily doped p-type germanium. <i>Physical Review B</i> , 1984, 30, 7030-7036.	1.1	43
26	Onset and Dynamics of Vortex-Antivortex Pairs in Polariton Optical Parametric Oscillator Superfluids. <i>Physical Review Letters</i> , 2011, 107, 036401.	2.9	42
27	High-purity GaAs grown by molecular beam epitaxy. <i>Journal of Applied Physics</i> , 1986, 59, 937-939.	1.1	40
28	Interplay of exciton and electron-hole plasma recombination on the photoluminescence dynamics in bulk GaAs. <i>Physical Review B</i> , 2006, 73, .	1.1	40
29	Exciton-polariton condensation in a natural two-dimensional trap. <i>Physical Review B</i> , 2009, 80, .	1.1	36
30	Dynamics of a polariton condensate transistor switch. <i>Applied Physics Letters</i> , 2012, 101, .	1.5	36
31	Magnetoexcitons in narrow GaAs/Ga _{1-x} Al _x As quantum wells. <i>Physical Review B</i> , 1991, 43, 14707-14710.	1.1	34
32	Observation of Long-Lived Polariton States in Semiconductor Microcavities across the Parametric Threshold. <i>Physical Review Letters</i> , 2009, 102, 056402.	2.9	32
33	Substrate effect on CdTe layers grown by metalorganic vapor phase epitaxy. <i>Applied Physics Letters</i> , 1997, 70, 1314-1316.	1.5	30
34	Energy relaxation of exciton-polariton condensates in quasi-one-dimensional microcavities. <i>Physical Review B</i> , 2013, 88, .	1.1	30
35	Quantum reflections and shunting of polariton condensate wave trains: Implementation of a logic AND gate. <i>Physical Review B</i> , 2013, 88, .	1.1	29
36	Ellipsometric study of interband transitions in orthorhombic GeS. <i>Physical Review B</i> , 1985, 31, 2180-2189.	1.1	26

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37	Dynamics of the Formation and Decay of Coherence in a Polariton Condensate. <i>Physical Review Letters</i> , 2009, 103, 096404.	2.9	25
38	Optical control of spin textures in quasi-one-dimensional polariton condensates. <i>Physical Review B</i> , 2015, 91, .	1.1	25
39	Spin selective filtering of polariton condensate flow. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	22
40	Interband Critical Point Parameters Determined by Ellipsometry in Cd _x Hg _{1-x} Se. <i>Physica Status Solidi (B): Basic Research</i> , 1989, 156, 371-376.	0.7	21
41	Non-linear coupling of polariton and dark exciton states in semiconductor microcavities. <i>Solid State Communications</i> , 2005, 135, 1-6.	0.9	21
42	Resonance Raman scattering in InSb: Deformation potentials and interference effects at the E ₁ gap. <i>Physical Review B</i> , 1985, 32, 3966-3973.	1.1	20
43	Valence-band-shape modification due to band coupling in strained quantum wells. <i>Physical Review B</i> , 1993, 47, 13926-13929.	1.1	20
44	Transition from the strong- to the weak-coupling regime in semiconductor microcavities: Polarization dependence. <i>Applied Physics Letters</i> , 2007, 90, 201905.	1.5	20
45	Photoluminescence dynamics in GaAs along an optically induced Mott transition. <i>Journal of Applied Physics</i> , 2007, 101, 081717.	1.1	20
46	Operation speed of polariton condensate switches gated by excitons. <i>Physical Review B</i> , 2014, 89, .	1.1	20
47	Ultrafast initial relaxation of hot electrons and holes in tetrahedral semiconductors via deformation potential interaction: Theory and experiment. <i>Applied Physics Letters</i> , 1990, 57, 2838-2840.	1.5	19
48	Double Raman resonances induced by a magnetic field in GaAs-AlAs multiple quantum wells. <i>Physical Review B</i> , 1991, 44, 1113-1117.	1.1	19
49	Evolution of Fano resonances in two- and three-dimensional semiconductors with a magnetic field. <i>Solid State Communications</i> , 1996, 97, 459-464.	0.9	19
50	Electric-Field Tuning of Spin-Dependent Exciton-Exciton Interactions in Coupled Quantum Wells. <i>Physical Review Letters</i> , 1999, 83, 2433-2436.	2.9	19
51	Coherence properties of exciton polariton OPO condensates in one and two dimensions. <i>New Journal of Physics</i> , 2012, 14, 075018.	1.2	19
52	High angular-momentum excitons in GaAsGa _{1-x} Al _x As quantum wells. <i>Physical Review B</i> , 1988, 38, 10154-10157.	1.1	18
53	Electronic Properties Of Quantum Wells In Perturbing Fields. <i>Proceedings of SPIE</i> , 1987, , .	0.8	17
54	Role of supercurrents on vortices formation in polariton condensates. <i>Optics Express</i> , 2012, 20, 16366.	1.7	17

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55	Spectroscopic studies of excitonic fine structure under electric fields. <i>Surface Science</i> , 1988, 196, 569-577.	0.8	16
56	Spin relaxation dynamics in GaAs quantum wells: Free carriers and excitons. <i>Superlattices and Microstructures</i> , 1992, 12, 379-386.	1.4	16
57	Spin dynamics of cavity polaritons. <i>Solid State Communications</i> , 2001, 117, 267-271.	0.9	16
58	Collective dynamics of excitons and polaritons in semiconductor nanostructures. <i>Semiconductor Science and Technology</i> , 2010, 25, 043001.	1.0	16
59	Excitonic spectrum of [111] GaAs/GaxAl1-xAs quantum wells. <i>Physical Review B</i> , 1992, 46, 13234-13243.	1.1	15
60	Control of non-Markovian effects in the dynamics of polaritons in semiconductor microcavities. <i>Physical Review B</i> , 2008, 78, .	1.1	15
61	Optical spectroscopy of quantum wells under an external electric field. <i>Superlattices and Microstructures</i> , 1987, 3, 9-12.	1.4	14
62	Signatures of quantum chaos in the magneto-excitonic spectrum of quantum wells. <i>Physics-Uspexhi</i> , 1998, 41, 153-156.	0.8	13
63	Polariton and spin dynamics in semiconductor microcavities under non-resonant excitation. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 295204.	0.7	12
64	Pauli blockade of the electron spin flip in bulk GaAs. <i>Physical Review B</i> , 2007, 75, .	1.1	12
65	Propagative Oscillations in Codirectional Polariton Waveguide Couplers. <i>Physical Review Letters</i> , 2021, 126, 075302.	2.9	12
66	Cavity polariton condensate in a disordered environment. <i>Physical Review B</i> , 2016, 93, .	1.1	11
67	Interference effects of Raman scattering by Lo-phonons near the $E_0 + \Gamma$ o-GAP studied on (001), (111), and (110) faces of GaAs. <i>Solid State Communications</i> , 1987, 61, 487-489.	0.9	10
68	Excitonic transitions and optically excited transport in quantum wells in an electric field. <i>Superlattices and Microstructures</i> , 1987, 3, 291-293.	1.4	10
69	Role of excitons in double Raman resonances in GaAs quantum wells. <i>Physical Review B</i> , 1996, 53, 3975-3982.	1.1	10
70	Resonant Raman scattering in GaAs-GaxAlxAs quantum wells in an electric field. <i>Physical Review B</i> , 1987, 36, 6054-6057.	1.1	9
71	Interband critical point parameters determined by ellipsometry in Zn _x Hg _{1-x} Se. <i>Solid State Communications</i> , 1988, 68, 591-594.	0.9	9
72	Stark and Zeeman effects in excitons in GaAs/GaAlAs quantum wells. <i>Superlattices and Microstructures</i> , 1989, 5, 371-374.	1.4	9

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73	Spin polarization of an optically pumped electron gas. Solid State Communications, 1999, 110, 163-168.	0.9	9
74	On the Spin-Flip Mechanisms of Electrons in Semiconductor Quantum Wells. Physica Status Solidi (B): Basic Research, 1999, 215, 229-233.	0.7	9
75	Visible near-uv optical spectra of $GexSe_{1-x}$. Physical Review B, 1983, 27, 6498-6501.	1.1	8
76	Magnetic field effects in highly resolved two-dimensional excitons. Surface Science, 1990, 229, 504-507.	0.8	8
77	Exciton dynamics and spin-flip in tensile strained quantum wells. Solid-State Electronics, 1996, 40, 737-740.	0.8	8
78	Carrier and light trapping in graded quantum-well laser structures. Applied Physics Letters, 2000, 76, 3540-3542.	1.5	8
79	Recombination dynamics of excitons and exciton complexes in single quantum dots. Europhysics Letters, 2012, 100, 67006.	0.7	8
80	Build up of off-diagonal long-range order in microcavity exciton-polaritons across the parametric threshold. Optics Express, 2013, 21, 10792.	1.7	8
81	Quantum coherence in momentum space of light-matter condensates. Physical Review B, 2014, 90, .	1.1	8
82	Dynamics of polaritons resonantly created at the upper polariton branch. Superlattices and Microstructures, 2007, 41, 328-332.	1.4	7
83	Observation of the zero-magnetic-field exciton spin splitting in high quality bulk GaAs and AlGaAs. Applied Physics Letters, 2009, 95, 182107.	1.5	7
84	Counter-directional polariton coupler. Applied Physics Letters, 2019, 114, 061102.	1.5	7
85	Modulation of Fano resonances by an external magnetic field in semiconductor quantum wells. Solid-State Electronics, 1996, 40, 85-88.	0.8	6
86	Modification of Fano resonances by resonant polaron coupling in bulk GaAs. Semiconductor Science and Technology, 1996, 11, 1411-1415.	1.0	6
87	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
88	Polariton condensates put in motion. Nanotechnology, 2010, 21, 134025.	1.3	6
89	Vortex stability and permanent flow in nonequilibrium polariton condensates. Journal of Applied Physics, 2011, 109, 102406.	1.1	6
90	Impact of the Energetic Landscape on Polariton Condensates' Propagation along a Coupler. Advanced Optical Materials, 2020, 8, 2000650.	3.6	6

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91	Spin splitting of excitons in GaAs quantum wells at zero magnetic field. <i>Solid-State Electronics</i> , 1996, 40, 755-758.	0.8	5
92	Oscillatory behaviour in the nonlinear emission of semiconductor microcavities. <i>Semiconductor Science and Technology</i> , 2004, 19, S333-S335.	1.0	5
93	Angular switching of the linear polarization of the emission in InGaAs microcavities. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 3868-3871.	0.8	5
94	Influence of trapping on the exciton dynamics of Al _x Ga _{1-x} As films. <i>Applied Physics Letters</i> , 2005, 86, 111906.	1.5	5
95	Polarized emission in polariton condensates: Switching in a one-dimensional natural trap versus inversion in two dimensions. <i>Physical Review B</i> , 2013, 88, .	1.1	5
96	Ignition and formation dynamics of a polariton condensate on a semiconductor microcavity pillar. <i>Physical Review B</i> , 2014, 90, .	1.1	5
97	OPTICAL PROPERTIES OF GaAs/AlGaAs MULTIPLE QUANTUM WELLS GROWN IN THE [111] CRYSTALLOGRAPHIC DIRECTION. <i>Journal De Physique Colloque</i> , 1987, 48, C5-235-C5-238.	0.2	5
98	Resonance Raman scattering of In _x Al _{1-x} As lattice matched to InP. <i>Solid State Communications</i> , 1991, 78, 835-839.	0.9	4
99	Exciton dynamics and spin relaxation in unstrained and tensile-strained quantum wells. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1996, 13, 994.	0.9	4
100	Exciton dynamics and valence band mixing in tensile-strained semiconductor quantum wells. <i>Semiconductor Science and Technology</i> , 2000, 15, 189-196.	1.0	4
101	Ultrafast light-polarization dynamics in semiconductor microcavities. <i>Solid State Communications</i> , 2001, 119, 259-270.	0.9	4
102	Detuning dependence of polariton spin dynamics. <i>Semiconductor Science and Technology</i> , 2004, 19, S365-S368.	1.0	4
103	Carrier injection effects on exciton dynamics in GaAs/AlAs resonant-tunneling diodes. <i>Europhysics Letters</i> , 2009, 85, 67010.	0.7	4
104	Directional Coupler: Impact of the Energetic Landscape on Polariton Condensates' Propagation along a Coupler (<i>Advanced Optical Materials</i> 18/2020). <i>Advanced Optical Materials</i> , 2020, 8, 2070072.	3.6	4
105	Spin relaxation dynamics of excitons and free carriers in quasi-two-dimensional GaAlAs/GaAs structures. , 1992, , .		3
106	Free to bound exciton relaxation in [001] and [111] GaAs/GaAlAs quantum wells. <i>Solid-State Electronics</i> , 1994, 37, 877-880.	0.8	3
107	Magneto-optical properties of biaxially strained quantum wells. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1994, 70, 397-408.	0.6	3
108	Role of hole localization in the optical singularities of a two-dimensional electron gas studied by time-resolved photoluminescence. <i>Semiconductor Science and Technology</i> , 1997, 12, 953-957.	1.0	3

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109	Many body effects on the spin relaxation of electrons in GaAs quantum wells. Physica E: Low-Dimensional Systems and Nanostructures, 1998, 2, 186-190.	1.3	3
110	Spin Polarization Dynamics in a Semiconductor Microcavity. Physica Status Solidi A, 2000, 178, 539-543.	1.7	3
111	The Role of Spin in Interacting Excitonic Gases. Physica Status Solidi A, 2002, 190, 615-623.	1.7	3
112	Polarization dynamics of microcavity polaritons: Three excitation regimes. Physica Status Solidi (A) Applications and Materials Science, 2005, 202, 357-361.	0.8	3
113	Optically induced ultrafast quenching of the semiconductor quantum well luminescence. Applied Physics Letters, 2008, 92, 061912.	1.5	3
114	Reversal of spin polarization direction in excitonic photoluminescence of AlGaAs. Europhysics Letters, 2009, 88, 17001.	0.7	3
115	Optical induced vortices and persistent currents in polariton condensates. Journal of Physics: Conference Series, 2010, 210, 012023.	0.3	3
116	Temperature dependence of the coherence in polariton condensates. Physical Review B, 2018, 97, .	1.1	3
117	Magneto-Optics of [111] GaAs/GaAlAs Quantum Wells. NATO ASI Series Series B: Physics, 1991, , 73-84.	0.2	3
118	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
119	Vinġfa let al.P reply. Physical Review Letters, 1987, 59, 602-602.	2.9	2
120	Optical spectroscopy of excitons in quantum wells. Journal of Luminescence, 1988, 40-41, 12-16.	1.5	2
121	Study of electric field effects on the electronic structure of quantum wells by resonant Raman scattering. Surface Science, 1988, 196, 578-583.	0.8	2
122	Double Raman resonances by light and heavy magneto-excitons in GaAs/AlAs multiquantum wells. Surface Science, 1992, 267, 418-421.	0.8	2
123	Resonance raman scattering in CdTe/CdMnTe superlattices under a magnetic field. Solid State Communications, 1992, 83, 539-543.	0.9	2
124	Magneto-Raman resonances in quantum wells: excitonic effects. Physica B: Condensed Matter, 1995, 211, 447-450.	1.3	2
125	Modulation of the Yb ³⁺ to Er ³⁺ energy transfer in LiNbO ₃ crystals by applying magnetic field. Journal of Alloys and Compounds, 2001, 323-324, 344-347.	2.8	2
126	Spin dynamics and spin-dependent interactions in semiconductor heterostructures. Physica B: Condensed Matter, 2001, 298, 376-383.	1.3	2

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127	Quantum beats between light and dark polariton states in semiconductor microcavities. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004, 1, 1351-1356.	0.8	2
128	Photoluminescence of "dark" excitons in CdMnTe quantum well, embedded in a microcavity. <i>Superlattices and Microstructures</i> , 2007, 41, 386-391.	1.4	2
129	Superfluidity in polariton condensates. <i>Journal of Physics: Conference Series</i> , 2010, 210, 012060.	0.3	2
130	Light emission and spin-polarised hole injection in InAs/GaAs quantum dot heterostructures with Schottky contact. <i>Europhysics Letters</i> , 2012, 98, 27012.	0.7	2
131	Determination of Polariton Condensates' Critical Temperature. <i>Physica Status Solidi (B): Basic Research</i> , 2019, 256, 1800519.	0.7	2
132	Effects of the Linear Polarization of Polariton Condensates in Their Propagation in Codirectional Couplers. <i>ACS Photonics</i> , 2021, 8, 2489-2497.	3.2	2
133	THE ELECTRONIC STRUCTURE OF HEAVILY DOPED ION IMPLANTED LASER ANNEALED SILICON : ELLIPSOMETRIC MEASUREMENTS. <i>Journal De Physique Colloque</i> , 1983, 44, C5-203-C5-208.	0.2	2
134	Dynamics of Polariton Emission in the Linear Regime. <i>Acta Physica Polonica A</i> , 2004, 106, 443-450.	0.2	2
135	Resonant Raman Scattering in GaAs-AlAs Multiquantum Wells Under Magnetic Fields. <i>NATO ASI Series Series B: Physics</i> , 1991, , 53-61.	0.2	2
136	Spectral ellipsometry of semiconductors and semiconductor structures. , 1990, 1286, 111.		1
137	Spin dynamics in doped and intrinsic GaAs quantum wells. <i>Physica Scripta</i> , 1993, T49B, 464-469.	1.2	1
138	Polaritonic coupling and spin dynamics in GaAs microcavities. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2000, 6, 169-172.	1.3	1
139	Polariton Spin Dynamics in II-VI Microcavities. <i>Physica Status Solidi A</i> , 2002, 190, 351-355.	1.7	1
140	Capture and confinement of light and carriers in graded-index quantum well laser structures. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002, 13, 885-887.	1.3	1
141	Ultrafast tailoring of the exciton distribution in quantum wells. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 1064-1066.	0.7	1
142	Spatial distribution of strong and weak coupled exciton "polaritons in semiconductor microcavities. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 2049-2052.	1.3	1
143	Exciton-formation time obtained from the spin splitting dynamics. <i>Journal of Physics: Conference Series</i> , 2010, 210, 012002.	0.3	1
144	Electroluminescence And Spin-Polarized Hole Injection In InAs/GaAs Quantum Dot Heterostructures. , 2010, , .		1

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145	Optical Spectroscopy of Excitons in Quantum Wells Under an Electric Field. Springer Proceedings in Physics, 1988, , 230-243.	0.1	1
146	Magneto-optical properties of quantum wells under biaxial tensile strain. Surface Science, 1992, 267, 533-536.	0.8	0
147	Spin-Dependent Exciton-Exciton Interaction in Quantum Wells under an Electric Field. Physica Status Solidi (B): Basic Research, 1999, 215, 223-228.	0.7	0
148	Dynamics of relaxation and trapping of excitons in Al _x Ga _{1-x} As films. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 906-909.	0.8	0
149	Exciton Relaxation and Spin Dynamics in Al _x Ga _{1-x} As Films. AIP Conference Proceedings, 2005, , .	0.3	0
150	Polarization of Light Emission in Semiconductor Microcavities: Dispersion Mapping. AIP Conference Proceedings, 2005, , .	0.3	0
151	Free and Bound Exciton Dynamics in Bulk II-VI Semiconductors. AIP Conference Proceedings, 2005, , .	0.3	0
152	Using Phonons to Populate the Bottom of the Polariton Dispersion Relation. AIP Conference Proceedings, 2007, , .	0.3	0
153	Spin-Dependent Strong- to Weak-Coupling Transition in Semiconductor Microcavities. AIP Conference Proceedings, 2007, , .	0.3	0
154	k-Dependence of the Electron Spin-Flip Time in GaAs. AIP Conference Proceedings, 2007, , .	0.3	0
155	Polariton relaxation dynamics in semiconductor microcavities: Non-Markovian effects. AIP Conference Proceedings, 2007, , .	0.3	0
156	Spin-dependent coexistence of weakly coupled and strongly coupled modes in semiconductor microcavities. Superlattices and Microstructures, 2007, 41, 321-327.	1.4	0
157	Exciton warming in III-V semiconductors and microcavities. Superlattices and Microstructures, 2008, 43, 449-453.	1.4	0
158	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.	0.7	0
159	Recombination dynamics of exciton and exciton complexes in single quantum dots. Journal of Physics: Conference Series, 2010, 210, 012014.	0.3	0
160	Effects of disorder on the polariton condensates in CdTe microcavities. , 2010, , .		0
161	Observation of a Long-Lived Polariton State in Semiconductor Microcavities. , 2010, , .		0
162	Observation of Quantum Hydrodynamic Effects in Microcavity Polaritons. , 2010, , .		0

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163	Dynamics of InP-(Ga,In)P quantum-dot single-photon emitters. , 2011, , .		0
164	Buildup and decay of the coherence in a polariton condensate. , 2011, , .		0
165	Focus on Bose condensation phenomena in atomic and solid state physics. New Journal of Physics, 2013, 15, 035010.	1.2	0
166	Exciton recombination dynamics in single ZnO tetrapods. , 2013, , .		0
167	Single photon emission dynamics of InP-InGaP quantum dots under p-shell excitation. Europhysics Letters, 2014, 108, 17002.	0.7	0
168	On the remote coherence of polariton condensates in 1D microcavities: A photoluminescence study. Journal of Luminescence, 2020, 228, 117612.	1.5	0
169	Tailoring of Spin-Dependent Excitonic Interaction in Quantum Wells by an Electric Field. , 2000, , 117-132.		0
170	Ultrafast polarization switching in a CdTe microcavity. Springer Proceedings in Physics, 2001, , 667-668.	0.1	0
171	Spin dependent exciton-exciton interaction in hot and cold 2D exciton gases controlled by an electric field. Springer Proceedings in Physics, 2001, , 499-500.	0.1	0
172	Polarization of magnetopolaritons in a semiconductor microcavity. Springer Proceedings in Physics, 2001, , 671-672.	0.1	0
173	Coherent vs. Incoherent Emission in Quantum Wells studied by Polarisation- and Time-Resolved Spectroscopy. Springer Proceedings in Physics, 2001, , 609-610.	0.1	0
174	Non-Linear Effects on the Spin Dynamics of Polaritons in II-VI Microcavities. , 2003, , 63-78.		0
175	Time-Resolved Emission from Semiconductor Microcavities. Acta Physica Polonica A, 2004, 106, 435-442.	0.2	0
176	Magneto-Excitons in GaAs/GaAlAs Quantum Wells. NATO ASI Series Series B: Physics, 1989, , 367-379.	0.2	0
177	Excitons in Low Dimensional Semiconductors. NATO ASI Series Series B: Physics, 1990, , 317-323.	0.2	0
178	Double Raman Resonances in Semiconductor Multiquantum Wells Induced by High Magnetic Fields. , 1993, , 121-130.		0
179	Ultrafast Processes in Semiconductor Structures. Acta Physica Polonica A, 1999, 96, 573-592.	0.2	0
180	RAMAN SCATTERING AND EXCITATION SPECTROSCOPY IN CdTe/CdMnTe SUPERLATTICES. Journal De Physique Colloque, 1987, 48, C5-317-C5-320.	0.2	0