Luis ViÃ±a

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5447393/publications.pdf

Version: 2024-02-01

181	5,307	136950 32	88630 70
papers	citations	h-index	g-index

184	184	184	3562
all docs	docs citations	times ranked	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.	3.2	717
2	Temperature dependence of the dielectric function of germanium. Physical Review B, 1984, 30, 1979-1991.	3.2	716
3	Collective fluid dynamics of a polariton condensate in a semiconductor microcavity. Nature, 2009, 457, 291-295.	27.8	494
4	Subpicosecond spin relaxation dynamics of excitons and free carriers in GaAs quantum wells. Physical Review Letters, 1991, 67, 3432-3435.	7.8	336
5	Persistent currents and quantized vortices in a polariton superfluid. Nature Physics, 2010, 6, 527-533.	16.7	282
6	Effect of heavy doping on the optical properties and the band structure of silicon. Physical Review B, 1984, 29, 6739-6751.	3.2	149
7	Ellipsometric studies of electronic interband transitions inCdxHg1â^'xTe. Physical Review B, 1984, 29, 6752-6760.	3.2	127
8	Temperature dependence of the dielectric function and the interband critical points of InSb. Physical Review B, 1985, 31, 947-957.	3.2	118
9	Ellipsometric studies of the dielectric function ofCd1â^'xMnxTe alloys. Physical Review B, 1985, 32, 3811-3818.	3.2	112
10	Cooling of a semiconductor by luminescence up-conversion. Applied Physics Letters, 1999, 75, 1258-1260.	3.3	89
11	Polarization Control of the Nonlinear Emission of Semiconductor Microcavities. Physical Review Letters, 2002, 89, 077402.	7.8	84
12	AlGaAs/GaAs(111) heterostructures grown by molecular beam epitaxy. Applied Physics Letters, 1986, 48, 36-37.	3.3	82
13	Optical anisotropy and pinning of the linear polarization of light in semiconductor microcavities. Solid State Communications, 2006, 139, 511-515.	1.9	77
14	Observation of Resonant Behavior in the Energy Velocity of Diffused Light. Physical Review Letters, 2007, 99, 233902.	7.8	73
15	Spin relaxation in intrinsic GaAs quantum wells: Influence of excitonic localization. Physical Review B, 1995, 51, 4247-4257.	3.2	69
16	Resonant light transport through Mie modes in photonic glasses. Physical Review A, 2008, 78, .	2.5	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.	7.8	58

#	Article	IF	Citations
19	Spin splitting in a polarized quasi-two-dimensional exciton gas. Physical Review B, 1996, 54, R8317-R8320.	3.2	54
20	Spin relaxation in low-dimensional systems. Journal of Physics Condensed Matter, 1999, 11, 5929-5952.	1.8	54
21	Mixing between heavy-hole and light-hole excitons in GaAs/AlxGa1â^'xAs quantum wells in an electric field. Physical Review B, 1987, 36, 1531-1534.	3.2	51
22	Motion of Spin Polariton Bullets in Semiconductor Microcavities. Physical Review Letters, 2011, 107, 146402.	7.8	51
23	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
24	Polarized interacting exciton gas in quantum wells and bulk semiconductors. Physical Review B, 1996, 54, 11582-11591.	3.2	48
25	Radiative recombination in heavily dopedp-type germanium. Physical Review B, 1984, 30, 7030-7036.	3.2	43
26	Onset and Dynamics of Vortex-Antivortex Pairs in Polariton Optical Parametric Oscillator Superfluids. Physical Review Letters, 2011, 107, 036401.	7.8	42
27	Highâ€purity GaAs grown by molecularâ€beam epitaxy. Journal of Applied Physics, 1986, 59, 937-939.	2.5	40
28	Interplay of exciton and electron-hole plasma recombination on the photoluminescence dynamics in bulk GaAs. Physical Review B, 2006, 73, .	3.2	40
29	Exciton-polariton condensation in a natural two-dimensional trap. Physical Review B, 2009, 80, .	3.2	36
30	Dynamics of a polariton condensate transistor switch. Applied Physics Letters, 2012, 101, .	3.3	36
31	Magnetoexcitons in narrow GaAs/Ga1â^'xAlxAs quantum wells. Physical Review B, 1991, 43, 14707-14710.	3.2	34
32	Observation of Long-Lived Polariton States in Semiconductor Microcavities across the Parametric Threshold. Physical Review Letters, 2009, 102, 056402.	7.8	32
33	Substrate effect on CdTe layers grown by metalorganic vapor phase epitaxy. Applied Physics Letters, 1997, 70, 1314-1316.	3.3	30
34	Energy relaxation of exciton-polariton condensates in quasi-one-dimensional microcavities. Physical Review B, 2013, 88, .	3.2	30
35	Quantum reflections and shunting of polariton condensate wave trains: Implementation of a logic AND gate. Physical Review B, 2013, 88, .	3.2	29
36	Ellipsometric study of interband transitions in orthorhombic GeS. Physical Review B, 1985, 31, 2180-2189.	3.2	26

#	Article	IF	Citations
37	Dynamics of the Formation and Decay of Coherence in a Polariton Condensate. Physical Review Letters, 2009, 103, 096404.	7.8	25
38	Optical control of spin textures in quasi-one-dimensional polariton condensates. Physical Review B, 2015, 91, .	3.2	25
39	Spin selective filtering of polariton condensate flow. Applied Physics Letters, 2015, 107, .	3.3	22
40	Interband Critical Point Parameters Determined by Ellipsometry in Cd_xHg_{1â^'x}Se. Physica Status Solidi (B): Basic Research, 1989, 156, 371-376.	1.5	21
41	Non-linear coupling of polariton and dark exciton states in semiconductor microcavities. Solid State Communications, 2005, 135, 1-6.	1.9	21
42	Resonance Raman scattering in InSb: Deformation potentials and interference effects at theE1gap. Physical Review B, 1985, 32, 3966-3973.	3.2	20
43	Valence-band-shape modification due to band coupling in strained quantum wells. Physical Review B, 1993, 47, 13926-13929.	3.2	20
44	Transition from the strong- to the weak-coupling regime in semiconductor microcavities: Polarization dependence. Applied Physics Letters, 2007, 90, 201905.	3.3	20
45	Photoluminescence dynamics in GaAs along an optically induced Mott transition. Journal of Applied Physics, 2007, 101, 081717.	2.5	20
46	Operation speed of polariton condensate switches gated by excitons. Physical Review B, 2014, 89, .	3.2	20
47	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
48	Double Raman resonances induced by a magnetic field in GaAs-AlAs multiple quantum wells. Physical Review B, 1991, 44, 1113-1117.	3.2	19
49	Evolution of Fano resonances in two- and three-dimensional semiconductors with a magnetic field. Solid State Communications, 1996, 97, 459-464.	1.9	19
50	Electric-Field Tuning of Spin-Dependent Exciton-Exciton Interactions in Coupled Quantum Wells. Physical Review Letters, 1999, 83, 2433-2436.	7.8	19
51	Coherence properties of exciton polariton OPO condensates in one and two dimensions. New Journal of Physics, 2012, 14, 075018.	2.9	19
52	High angular-momentum excitons inGaAsGa1â^'xAlxAsquantum wells. Physical Review B, 1988, 38, 10154-10157.	3.2	18
53	Electronic Properties Of Quantum Wells In Perturbing Fields. Proceedings of SPIE, 1987, , .	0.8	17
54	Role of supercurrents on vortices formation in polariton condensates. Optics Express, 2012, 20, 16366.	3.4	17

#	Article	IF	Citations
55	Spectroscopic studies of excitonic fine structure under electric fields. Surface Science, 1988, 196, 569-577.	1.9	16
56	Spin relaxation dynamics in GaAs quantum wells: Free carriers and excitons. Superlattices and Microstructures, 1992, 12, 379-386.	3.1	16
57	Spin dynamics of cavity polaritons. Solid State Communications, 2001, 117, 267-271.	1.9	16
58	Collective dynamics of excitons and polaritons in semiconductor nanostructures. Semiconductor Science and Technology, 2010, 25, 043001.	2.0	16
59	Excitonic spectrum of [111] GaAs/GaxAl1â^'xAs quantum wells. Physical Review B, 1992, 46, 13234-13243.	3.2	15
60	Control of non-Markovian effects in the dynamics of polaritons in semiconductor microcavities. Physical Review B, 2008, 78, .	3.2	15
61	Optical spectroscopy of quantum wells under an external electric field. Superlattices and Microstructures, 1987, 3, 9-12.	3.1	14
62	Signatures of quantum chaos in the magneto-excitonic spectrum of quantum wells. Physics-Uspekhi, 1998, 41, 153-156.	2.2	13
63	Polariton and spin dynamics in semiconductor microcavities under non-resonant excitation. Journal of Physics Condensed Matter, 2007, 19, 295204.	1.8	12
64	Pauli blockade of the electron spin flip in bulk GaAs. Physical Review B, 2007, 75, .	3.2	12
65	Propagative Oscillations in Codirectional Polariton Waveguide Couplers. Physical Review Letters, 2021, 126, 075302.	7.8	12
66	Cavity polariton condensate in a disordered environment. Physical Review B, 2016, 93, .	3.2	11
67	Interference effects of Raman scattering by Lo-phonons near the Eo+Î”o-GAP studied on (), (111), and () faces of GaAs. Solid State Communications, 1987, 61, 487-489.	1.9	10
68	Excitonic transitions and optically excited transport in quantum wells in an electric field. Superlattices and Microstructures, 1987, 3, 291-293.	3.1	10
69	Role of excitons in double Raman resonances in GaAs quantum wells. Physical Review B, 1996, 53, 3975-3982.	3.2	10
70	Resonant Raman scattering in GaAs-Ga1â^'xAlxAs quantum wells in an electric field. Physical Review B, 1987, 36, 6054-6057.	3.2	9
71	Interband critical point parameters determined by ellipsometry in ZnxHg1â^'xSe. Solid State Communications, 1988, 68, 591-594.	1.9	9
72	Stark and Zeeman effects in excitons in GaAs/GaAlAs quantum wells. Superlattices and Microstructures, 1989, 5, 371-374.	3.1	9

#	Article	IF	Citations
73	Spin polarization of an optically pumped electron gas. Solid State Communications, 1999, 110, 163-168.	1.9	9
74	On the Spin-Flip Mechanisms of Electrons in Semiconductor Quantum Wells. Physica Status Solidi (B): Basic Research, 1999, 215, 229-233.	1.5	9
75	Visibleâ€”near-uv optical spectra ofaâ^'GexSe1â^'x. Physical Review B, 1983, 27, 6498-6501.	3.2	8
76	Magnetic field effects in highly resolved two-dimensional excitons. Surface Science, 1990, 229, 504-507.	1.9	8
77	Exciton dynamics and spin-flip in tensile strained quantum wells. Solid-State Electronics, 1996, 40, 737-740.	1.4	8
78	Carrier and light trapping in graded quantum-well laser structures. Applied Physics Letters, 2000, 76, 3540-3542.	3.3	8
79	Recombination dynamics of excitons and exciton complexes in single quantum dots. Europhysics Letters, 2012, 100, 67006.	2.0	8
80	Build up of off-diagonal long-range order in microcavity exciton-polaritons across the parametric threshold. Optics Express, 2013, 21, 10792.	3.4	8
81	Quantum coherence in momentum space of light-matter condensates. Physical Review B, 2014, 90, .	3.2	8
82	Dynamics of polaritons resonantly created at the upper polariton branch. Superlattices and Microstructures, 2007, 41, 328-332.	3.1	7
83	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
84	Counter-directional polariton coupler. Applied Physics Letters, 2019, 114, 061102.	3.3	7
85	Modulation of Fano resonances by an external magnetic field in semiconductor quantum wells. Solid-State Electronics, 1996, 40, 85-88.	1.4	6
86	Modification of Fano resonances by resonant polaron coupling in bulk GaAs. Semiconductor Science and Technology, 1996, 11, 1411-1415.	2.0	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.	2.6	6
89	Vortex stability and permanent flow in nonequilibrium polariton condensates. Journal of Applied Physics, 2011, 109, 102406.	2.5	6
90	Impact of the Energetic Landscape on Polariton Condensates' Propagation along a Coupler. Advanced Optical Materials, 2020, 8, 2000650.	7.3	6

#	Article	IF	Citations
91	Spin splitting of excitons in GaAs quantum wells at zero magnetic field. Solid-State Electronics, 1996, 40, 755-758.	1.4	5
92	Oscillatory behaviour in the nonlinear emission of semiconductor microcavities. Semiconductor Science and Technology, 2004, 19, S333-S335.	2.0	5
93	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
94	Influence of trapping on the exciton dynamics of AlxGa1â^'xAs films. Applied Physics Letters, 2005, 86, 111906.	3.3	5
95	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
96	Ignition and formation dynamics of a polariton condensate on a semiconductor microcavity pillar. Physical Review B, 2014, 90, .	3.2	5
97	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
98	Resonance Raman scattering of InxAl1â^'xAs lattice matched to InP. Solid State Communications, 1991, 78, 835-839.	1.9	4
99	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
100	Exciton dynamics and valence band mixing in tensile-strained semiconductor quantum wells. Semiconductor Science and Technology, 2000, 15, 189-196.	2.0	4
101	Ultrafast light-polarization dynamics in semiconductor microcavities. Solid State Communications, 2001, 119, 259-270.	1.9	4
102	Detuning dependence of polariton spin dynamics. Semiconductor Science and Technology, 2004, 19, S365-S368.	2.0	4
103	Carrier injection effects on exciton dynamics in GaAs/AlAs resonant-tunneling diodes. Europhysics Letters, 2009, 85, 67010.	2.0	4
104	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
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. Solid-State Electronics, 1994, 37, 877-880.	1.4	3
107	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
108	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

#	Article	IF	Citations
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.	2.7	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.	1.8	3
113	Optically induced ultrafast quenching of the semiconductor quantum well luminescence. Applied Physics Letters, 2008, 92, 061912.	3.3	3
114	Reversal of spin polarization direction in excitonic photoluminescence of AlGaAs. Europhysics Letters, 2009, 88, 17001.	2.0	3
115	Optical induced vortices and persistent currents in polariton condensates. Journal of Physics: Conference Series, 2010, 210, 012023.	0.4	3
116	Temperature dependence of the coherence in polariton condensates. Physical Review B, 2018, 97, .	3.2	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	Vinìƒa let al.P reply. Physical Review Letters, 1987, 59, 602-602.	7.8	2
120	Optical spectroscopy of excitons in quantum wells. Journal of Luminescence, 1988, 40-41, 12-16.	3.1	2
121	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
122	Double Raman resonances by light and heavy magneto-excitons in GaAs/AlAs multiquantum wells. Surface Science, 1992, 267, 418-421.	1.9	2
123	Resonance raman scattering in CdTe/CdMnTe superlattices under a magnetic field. Solid State Communications, 1992, 83, 539-543.	1.9	2
124	Magneto-Raman resonances in quantum wells: excitonic effects. Physica B: Condensed Matter, 1995, 211, 447-450.	2.7	2
125	Modulation of the Yb3+ to Er3+ energy transfer in LiNbO3 crystals by applying magnetic field. Journal of Alloys and Compounds, 2001, 323-324, 344-347.	5.5	2
126	Spin dynamics and spin-dependent interactions in semiconductor heterostructures. Physica B: Condensed Matter, 2001, 298, 376-383.	2.7	2

#	Article	IF	Citations
127	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
128	Photoluminescence of â€œdarkâ€•excitons in CdMnTe quantum well, embedded in a microcavity. Superlattices and Microstructures, 2007, 41, 386-391.	3.1	2
129	Superfluidity in polariton condensates. Journal of Physics: Conference Series, 2010, 210, 012060.	0.4	2
130	Light emission and spin-polarised hole injection in InAs/GaAs quantum dot heterostructures with Schottky contact. Europhysics Letters, 2012, 98, 27012.	2.0	2
131	Determination of Polariton Condensatesâ€™ Critical Temperature. Physica Status Solidi (B): Basic Research, 2019, 256, 1800519.	1.5	2
132	Effects of the Linear Polarization of Polariton Condensates in Their Propagation in Codirectional Couplers. ACS Photonics, 2021, 8, 2489-2497.	6.6	2
133	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
134	Dynamics of Polariton Emission in the Linear Regime. Acta Physica Polonica A, 2004, 106, 443-450.	0.5	2
135	Resonant Raman Scattering in GaAs-AlAs Multiquantum Wells Under Magnetic Fields. NATO ASI Series Series B: Physics, 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. Physica Scripta, 1993, T49B, 464-469.	2.5	1
138	Polaritonic coupling and spin dynamics in GaAs microcavities. Physica E: Low-Dimensional Systems and Nanostructures, 2000, 6, 169-172.	2.7	1
139	Polariton Spin Dynamics in II-VI Microcavities. Physica Status Solidi A, 2002, 190, 351-355.	1.7	1
140	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
141	Ultrafast tailoring of the exciton distribution in quantum wells. Physica Status Solidi (B): Basic Research, 2008, 245, 1064-1066.	1.5	1
142	Spatial distribution of strong and weak coupled excitonâ€“polaritons in semiconductor microcavities. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 2049-2052.	2.7	1
143	Exciton-formation time obtained from the spin splitting dynamics. Journal of Physics: Conference Series, 2010, 210, 012002.	0.4	1
144	Electroluminescence And Spin-Polarized Hole Injection In InAsâˆ•GaAs Quantum Dot Heterostructures. , 2010, , .		1

#	Article	IF	Citations
145	Optical Spectroscopy of Excitons in Quantum Wells Under an Electric Field. Springer Proceedings in Physics, 1988, , 230-243.	0.2	1
146	Magneto-optical properties of quantum wells under biaxial tensile strain. Surface Science, 1992, 267, 533-536.	1.9	0
147	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
148	Dynamics of relaxation and trapping of excitons in AlxGa1-xAs 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 AlxGa1â^'xAs Films. AIP Conference Proceedings, 2005, , .	0.4	0
150	Polarization of Light Emission in Semiconductor Microcavities: Dispersion Mapping. AIP Conference Proceedings, 2005, , .	0.4	0
151	Free and Bound Exciton Dynamics in Bulk II-VI Semiconductors. AIP Conference Proceedings, 2005, , .	0.4	0
152	Using Phonons to Populate the Bottom of the Polariton Dispersion Relation. AIP Conference Proceedings, 2007, , .	0.4	0
153	Spin-Dependent Strong- to Weak-Coupling Transition in Semiconductor Microcavities. AIP Conference Proceedings, 2007, , .	0.4	0
154	k-Dependence of the Electron Spin-Flip Time in GaAs. AIP Conference Proceedings, 2007, , .	0.4	0
155	Polariton relaxation dynamics in semiconductor microcavities: Non-Markovian effects. AIP Conference Proceedings, 2007, , .	0.4	0
156	Spin-dependent coexistence of weakly coupled and strongly coupled modes in semiconductor microcavities. Superlattices and Microstructures, 2007, 41, 321-327.	3.1	0
157	Exciton warming in IIIâ€“V semiconductors and microcavities. Superlattices and Microstructures, 2008, 43, 449-453.	3.1	0
158	Polariton relaxation after resonant pumping at the upper polariton branch under doublyâ€resonant Raman scattering conditions. Physica Status Solidi (B): Basic Research, 2008, 245, 1081-1084.	1.5	0
159	Recombination dynamics of exciton and exciton complexes in single quantum dots. Journal of Physics: Conference Series, 2010, 210, 012014.	0.4	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

#	Article	IF	Citations
163	Dynamics of InPâˆ•(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.	2.9	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.	2.0	0
168	On the remote coherence of polariton condensates in 1D microcavities: A photoluminescence study. Journal of Luminescence, 2020, 228, 117612.	3.1	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.	0.2	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.	0.2	0
172	Polarization of magnetopolaritons in a semiconductor microcavity. Springer Proceedings in Physics, 2001, , 671-672.	0.2	0
173	Coherent vs. Incoherent Emission in Quantum Wells studied by Polarisation- and Time-Resolved Spectroscopy. Springer Proceedings in Physics, 2001, , 609-610.	0.2	0
174	Non-Linear Effects on the Spin Dynamics of Polaritons in IIâ€“VI Microcavities. , 2003, , 63-78.		0
175	Time-Resolved Emission from Semiconductor Microcavities. Acta Physica Polonica A, 2004, 106, 435-442.	0.5	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.	0.5	0
180	RAMAN SCATTERING AND EXCITATION SPECTROSCOPY IN CdTe/CdMnTe SUPERLATTICES. Journal De Physique Colloque, 1987, 48, C5-317-C5-320.	0.2	0

#	Article	IF	Citations
181	On the Spin-Flip Mechanisms of Electrons in Semiconductor Quantum Wells. Physica Status Solidi (B): Basic Research, 1999, 215, 229-233.	1.5	0