Jacqueline Bloch

List of Publications by Year
in descending order

217	12,449	28274 55	24982 109
papers	citations	h-index	g-index

221	221	221	6665
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Condensation of Semiconductor Microcavity Exciton Polaritons. Science, 2002, 298, 199-202.	12.6	732
2	Exciton-Photon Strong-Coupling Regime for a Single Quantum Dot Embedded in a Microcavity. Physical Review Letters, 2005, 95, 067401.	7.8	665
3	Lasing in topological edge states of a one-dimensional lattice. Nature Photonics, 2017, 11, 651-656.	31.4	625
4	Ultrabright source of entangled photon pairs. Nature, 2010, 466, 217-220.	27.8	501
5	Collective fluid dynamics of a polariton condensate in a semiconductor microcavity. Nature, 2009, 457, 291-295.	27.8	494
6	Spontaneous formation and optical manipulation of extended polariton condensates. Nature Physics, 2010, 6, 860-864.	16.7	431
7	Polariton Laser Using Single Micropillar<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>GaAs</mml:mi><mml:mtext mathvariant="normal">â^'</mml:mtext><mml:mi>GaAlAs</mml:mi></mml:math>Semiconductor Cavities. Physical Review Letters, 2008, 100, 047401.	7.8	394
8	Polariton lasing vs. photon lasing in a semiconductor microcavity. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 15318-15323.	7.1	362
9	High-temperature ultrafast polariton parametric amplification in semiconductor microcavities. Nature, 2001, 414, 731-735.	27.8	355
10	Direct Observation of Dirac Cones and a Flatband in a Honeycomb Lattice for Polaritons. Physical Review Letters, 2014, 112, 116402.	7.8	352
11	Persistent currents and quantized vortices in a polariton superfluid. Nature Physics, 2010, 6, 527-533.	16.7	282
12	Controlled Light-Matter Coupling for a Single Quantum Dot Embedded in a Pillar Microcavity Using Far-Field Optical Lithography. Physical Review Letters, 2008, 101, 267404.	7.8	264
13	Optical spectroscopy of two-dimensional layered (C_6H_5C_2H_4-NH_3)_2-PbI_4 perovskite. Optics Express, 2010, 18, 5912.	3.4	254
14	Bosonic Condensation and Disorder-Induced Localization in a Flat Band. Physical Review Letters, 2016, 116, 066402.	7.8	246
15	Macroscopic quantum self-trapping and Josephson oscillations of exciton polaritons. Nature Physics, 2013, 9, 275-279.	16.7	244
16	Polariton-polariton interaction constants in microcavities. Physical Review B, 2010, 82, .	3.2	173
17	Nonlinear Emission of Microcavity Polaritons in the Low Density Regime. Physical Review Letters, 1999, 82, 1233-1236.	7.8	169
18	Polariton condensation in solitonic gap states in a one-dimensional periodic potential. Nature Communications, 2013, 4, 1749.	12.8	155

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19	Interactions in Confined Polariton Condensates. Physical Review Letters, 2011, 106, 126401.	7.8	144
20	Probing a Dissipative Phase Transition via Dynamical Optical Hysteresis. Physical Review Letters, 2017, 118, 247402.	7.8	142
21	Evidence for Confined Tamm Plasmon Modes under Metallic Microdisks and Application to the Control of Spontaneous Optical Emission. Physical Review Letters, 2011, 107, 247402.	7.8	136
22	Parametric oscillation in vertical triple microcavities. Nature, 2006, 440, 904-907.	27.8	134
23	Half-solitons in a polariton quantum fluid behave like magnetic monopoles. Nature Physics, 2012, 8, 724-728.	16.7	131
24	Spin-Orbit Coupling for Photons and Polaritons in Microstructures. Physical Review X, 2015, 5, .	8.9	131
25	Emergence of quantum correlations from interacting fibre-cavity polaritons. Nature Materials, 2019, 18, 213-218.	27.5	128
26	Polariton Condensation in Photonic Molecules. Physical Review Letters, 2012, 108, 126403.	7.8	124
27	All-optical phase modulation in a cavity-polariton Machâ€“Zehnder interferometer. Nature Communications, 2014, 5, 3278.	12.8	123
28	Realization of a Double-Barrier Resonant Tunneling Diode for Cavity Polaritons. Physical Review Letters, 2013, 110, 236601.	7.8	118
29	Microcavity polariton spin quantum beats without a magnetic field: A manifestation of Coulomb exchange in dense and polarized polariton systems. Physical Review B, 2005, 72, .	3.2	116
30	Acoustic Black Hole in a Stationary Hydrodynamic Flow of Microcavity Polaritons. Physical Review Letters, 2015, 114, 036402.	7.8	114
31	Optically controlling the emission chirality of microlasers. Nature Photonics, 2019, 13, 283-288.	31.4	109
32	Propagation and Amplification Dynamics of 1D Polariton Condensates. Physical Review Letters, 2012, 109, 216404.	7.8	106
33	Fractal Energy Spectrum of a Polariton Gas in a Fibonacci Quasiperiodic Potential. Physical Review Letters, 2014, 112, 146404.	7.8	104
34	Time-resolved spontaneous emission of excitons in a microcavity: Behavior of the individual exciton-photon mixed states. Physical Review B, 1996, 53, 16516-16523.	3.2	103
35	Optical Bistability in a GaAs-Based Polariton Diode. Physical Review Letters, 2008, 101, 266402.	7.8	102
36	Spontaneous formation of a polariton condensate in a planar GaAs microcavity. Applied Physics Letters, 2009, 95, .	3.3	97

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37	Polariton light-emitting diode in a GaAs-based microcavity. Physical Review B, 2008, 77, .	3.2	92
38	Microcavity polariton depopulation as evidence for stimulated scattering. Physical Review B, 2000, 62, R16263-R16266.	3.2	86
39	Photon lasing in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>GaAs</mml:mi></mml:mrow></mml:math>microcavity: Similarities with a polariton condensate. Physical Review B, 2007, 76, .	3.2	86
40	Exciton-polaritons in lattices: A non-linear photonic simulator. Comptes Rendus Physique, 2016, 17, 934-945.	0.9	85
41	Exciton radiative lifetime controlled by the lateral confinement energy in a single quantum dot. Physical Review B, 2005, 71, .	3.2	83
42	Orbital Edge States in a Photonic Honeycomb Lattice. Physical Review Letters, 2017, 118, 107403.	7.8	79
43	Interaction-induced hopping phase in driven-dissipative coupled photonic microcavities. Nature Communications, 2016, 7, 11887.	12.8	74
44	Type-III and Tilted Dirac Cones Emerging from Flat Bands in Photonic Orbital Graphene. Physical Review X, 2019, 9, .	8.9	72
45	Polariton-generated intensity squeezing in semiconductor micropillars. Nature Communications, 2014, 5, 3260.	12.8	71
46	Measuring topological invariants from generalized edge states in polaritonic quasicrystals. Physical Review B, 2017, 95, .	3.2	70
47	Origin of the Optical Emission within the Cavity Mode of Coupled Quantum Dot-Cavity Systems. Physical Review Letters, 2009, 103, 027401.	7.8	68
48	Realization of an all optical exciton-polariton router. Applied Physics Letters, 2015, 107, .	3.3	66
49	Strongly correlated electronâ€“photon systems. Nature, 2022, 606, 41-48.	27.8	66
50	Phonon sidebands in exciton and biexciton emission from single GaAs quantum dots. Physical Review B, 2004, 69, .	3.2	65
51	Emergence of criticality through a cascade of delocalization transitions in quasiperiodic chains. Nature Physics, 2020, 16, 832-836.	16.7	64
52	Single photon emission from individual GaAs quantum dots. Applied Physics Letters, 2003, 82, 2206-2208.	3.3	59
53	Ultra-low threshold polariton lasing in photonic crystal cavities. Applied Physics Letters, 2011, 99, .	3.3	59
54	Edge states in polariton honeycomb lattices. 2D Materials, 2015, 2, 034012.	4.4	58

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55	Giant Rabi splitting in a microcavity containing distributed quantum wells. Applied Physics Letters, 1998, 73, 1694-1696.	3.3	57
56	Revealing the dark side of a bright excitonâ€“polariton condensate. Nature Communications, 2014, 5, 4648.	12.8	51
57	Unstable and stable regimes of polariton condensation. Optica, 2018, 5, 1163.	9.3	47
58	Photoluminescence dynamics of cavity polaritons under resonant excitation in the picosecond range. Physical Review B, 1997, 56, 2103-2108.	3.2	45
59	Femtosecond dynamics and absorbance of self-organized InAs quantum dots emitting near 1.3 Î¼m at room temperature. Applied Physics Letters, 2000, 77, 2201-2203.	3.3	45
60	Formation and control of Turing patterns in a coherent quantum fluid. Scientific Reports, 2013, 3, 3016.	3.3	45
61	Scalable implementation of strongly coupled cavity-quantum dot devices. Applied Physics Letters, 2009, 94, .	3.3	44
62	Nonguiding halfâ€wave semiconductor microcavities displaying the excitonâ€photon mode splitting. Applied Physics Letters, 1994, 65, 2516-2518.	3.3	43
63	Microcavity polaritons for topological photonics [Invited]. Optical Materials Express, 2021, 11, 1119.	3.0	43
64	Strong-coupling regime in pillar semiconductor microcavities. Superlattices and Microstructures, 1997, 22, 371-374.	3.1	42
65	Coherent control of exciton polaritons in a semiconductor microcavity. Physical Review B, 1999, 59, R2494-R2497.	3.2	42
66	Onset and Dynamics of Vortex-Antivortex Pairs in Polariton Optical Parametric Oscillator Superfluids. Physical Review Letters, 2011, 107, 036401.	7.8	42
67	Linear polarisation inversion: A signature of Coulomb scattering of cavity polaritons with opposite spins. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 763-767.	0.8	41
68	Optical properties of multiple layers of self-organized InAs quantum dots emitting at 1.3 Î¼m. Applied Physics Letters, 2000, 77, 2545-2547.	3.3	40
69	Gap solitons in a one-dimensional driven-dissipative topological lattice. Nature Physics, 2022, 18, 678-684.	16.7	40
70	Room-temperature 1.3 Î¼m emission from InAs quantum dots grown by metal organic chemical vapor deposition. Applied Physics Letters, 1999, 75, 2199-2201.	3.3	39
71	Spatial, spectral, and polarization properties of coupled micropillar cavities. Applied Physics Letters, 2011, 99, 101103.	3.3	39
72	Phase-Controlled Bistability of a Dark Soliton Train in a Polariton Fluid. Physical Review Letters, 2016, 117, 217401.	7.8	39

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73	Nonlinear Polariton Fluids in a Flatband Reveal Discrete Gap Solitons. Physical Review Letters, 2019, 123, 113901.	7.8	39
74	Direct observation of photonic Landau levels and helical edge states in strained honeycomb lattices. Light: Science and Applications, 2020, 9, 144.	16.6	38
75	Polaritonic XY-Ising machine. Nanophotonics, 2020, 9, 4127-4138.	6.0	38
76	Annular resonant Rayleigh scattering in the picosecond dynamics of cavity polaritons. Physical Review B, 1999, 60, R8509-R8512.	3.2	37
77	Spontaneous nonground state polariton condensation in pillar microcavities. Physical Review B, 2010, 81, .	3.2	36
78	Dispersion relation of the collective excitations in a resonantly driven polariton fluid. Nature Communications, 2019, 10, 3869.	12.8	36
79	Ultrafast control of light emission from a quantum-well semiconductor microcavity using picosecond strain pulses. Physical Review B, 2008, 78, .	3.2	35
80	Exciton polaritons in two-dimensional photonic crystals. Physical Review B, 2009, 80, .	3.2	35
81	Polariton parametric luminescence in a single micropillar. Applied Physics Letters, 2007, 90, 051107.	3.3	34
82	Dimensionality Transition in GaAs/GaAlAs Quantum Wire Arrays. Europhysics Letters, 1994, 28, 501-506.	2.0	33
83	Measurements of nuclear spin dynamics by spin-noise spectroscopy. Applied Physics Letters, 2015, 106, .	3.3	33
84	Dynamics of polaritons in a semiconductor multiple-quantum-well microcavity. Physical Review B, 1998, 58, 7269-7278.	3.2	32
85	Observation of Long-Lived Polariton States in Semiconductor Microcavities across the Parametric Threshold. Physical Review Letters, 2009, 102, 056402.	7.8	32
86	Dynamics of microcavity polaritons in the presence of an electron gas. Physical Review B, 2006, 73, .	3.2	31
87	Giant photoinduced Faraday rotation due to the spin-polarized electron gas in an<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>n</mml:mi></mml:math>-GaAs microcavity. Physical Review B, 2012, 85, .	3.2	31
88	Monitoring the dynamics of a coherent cavity polariton population. Physical Review B, 2005, 71, .	3.2	29
89	Nonequilibrium polariton condensate in a magnetic field. Physical Review B, 2015, 91, .	3.2	29
90	Semi-Dirac Transport and Anisotropic Localization in Polariton Honeycomb Lattices. Physical Review Letters, 2020, 125, 186601.	7.8	29

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91	Theory of Resonant Rayleigh Scattering from Semiconductor Microcavities: Signatures of Disorder. Physical Review Letters, 2000, 84, 3478-3481.	7.8	28
92	Polariton relaxation in semiconductor microcavities: Efficiency of electron-polariton scattering. Physical Review B, 2005, 72, .	3.2	28
93	Non-equilibrium Boseâ€“Einstein condensation in photonic systems. Nature Reviews Physics, 2022, 4, 470-488.	26.6	27
94	Fast radiative quantum dots: From single to multiple photon emission. Applied Physics Letters, 2007, 90, 223118.	3.3	26
95	Microcavity Polaritons for Quantum Simulation. Advanced Quantum Technologies, 2020, 3, 2000052.	3.9	25
96	Strong and weak coupling regime in pillar semiconductor microcavities. Physica E: Low-Dimensional Systems and Nanostructures, 1998, 2, 915-919.	2.7	23
97	Observation of spin beats at the Rabi frequency in microcavities. Physical Review B, 2006, 74, .	3.2	23
98	Polarization controlled nonlinear transmission of light through semiconductor microcavities. Physical Review B, 2009, 79, .	3.2	23
99	Terahertz polariton sidebands generated by ultrafast strain pulses in an optical semiconductor microcavity. Physical Review B, 2009, 80, .	3.2	23
100	Polariton parametric oscillation in a single micropillar cavity. Applied Physics Letters, 2010, 97, .	3.3	23
101	Nondestructive Measurement of Nuclear Magnetization by Off-Resonant Faraday Rotation. Physical Review Letters, 2013, 111, 087603.	7.8	23
102	A quantum dot based bright source of entangled photon pairs operating at 53 K. Applied Physics Letters, 2010, 97, .	3.3	21
103	Klein tunneling in driven-dissipative photonic graphene. Physical Review A, 2017, 96, .	2.5	21
104	Radiation patterns from coupled photonic crystal nanocavities. Applied Physics Letters, 2011, 99, 111101.	3.3	20
105	High-Q whispering-gallery modes in GaAsâˆ•AlOx microdisks. Applied Physics Letters, 2005, 86, 021103.	3.3	19
106	High-Q planar organicâ€“inorganic Perovskite-based microcavity. Optics Letters, 2012, 37, 5061.	3.3	19
107	Backscattering Suppression in Supersonic 1D Polariton Condensates. Physical Review Letters, 2012, 108, 036405.	7.8	18
108	Role of supercurrents on vortices formation in polariton condensates. Optics Express, 2012, 20, 16366.	3.4	17

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109	Optical parametric oscillation in one-dimensional microcavities. Physical Review B, 2013, 87, .	3.2	16
110	Excitation Ladder of Cavity Polaritons. Physical Review Letters, 2020, 125, 067403.	7.8	16
111	Polarization spectroscopy of modulated GaAs/GaAlAs quantum wells grown on vicinal surfaces: Anisotropic islands or ordered growth?. Solid-State Electronics, 1994, 37, 529-533.	1.4	15
112	Organized growth of GaAs/AlAs lateral structures on atomic step arrays: what is possible to do?. Journal of Crystal Growth, 1995, 150, 336-340.	1.5	15
113	Quantum confinement of zero-dimensional hybrid organic-inorganic polaritons at room temperature. Applied Physics Letters, 2014, 104, .	3.3	15
114	Parametric instability in coupled nonlinear microcavities. Physical Review A, 2020, 102, .	2.5	15
115	Few particle effects in the emission of short-radiative-lifetime single quantum dots. Physical Review B, 2005, 72, .	3.2	14
116	Nonreciprocity and zero reflection in nonlinear cavities with tailored loss. Physical Review A, 2019, 99, .	2.5	14
117	Highly directional radiation pattern of microdisk cavities. Applied Physics Letters, 2007, 91, 151103.	3.3	13
118	Stochastic precession of the polarization in a polariton laser. Physical Review B, 2016, 93, .	3.2	13
119	Multi-orbital tight binding model for cavity-polariton lattices. Journal of Physics Condensed Matter, 2020, 32, 315402.	1.8	13
120	Measuring Topological Invariants in a Polaritonic Analog of Graphene. Physical Review Letters, 2021, 126, 127403.	7.8	13
121	Few-photon all-optical phase rotation in a quantum-well micropillar cavity. Nature Photonics, 2022, 16, 566-569.	31.4	13
122	One-dimensional microcavity-based optical parametric oscillator: Generation of balanced twin beams in strong and weak coupling regime. Physical Review B, 2011, 83, .	3.2	12
123	Discretized disorder in planar semiconductor microcavities: Mosaicity effect on resonant Rayleigh scattering and optical parametric oscillation. Physical Review B, 2012, 85, .	3.2	12
124	Bunching visibility of optical parametric emission in a semiconductor microcavity. Physical Review B, 2012, 86, .	3.2	12
125	Nonresonant electrical injection of excitons in an InGaAs quantum well. Applied Physics Letters, 2007, 90, 121114.	3.3	10
126	Two-photon injection of polaritons in semiconductor microstructures. Optics Letters, 2014, 39, 307.	3.3	10

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127	Polariton-polariton interaction potentials determination by pump-probe degenerate scattering in a multiple microcavity. Physical Review B, 2014, 89, .	3.2	9
128	Theoretical study of stimulated and spontaneous Hawking effects from an acoustic black hole in a hydrodynamically flowing fluid of light. Physical Review B, 2016, 94, .	3.2	9
129	Chiral emission induced by optical Zeeman effect in polariton micropillars. Physical Review Research, 2021, 3, .	3.6	9
130	Center-of-mass quantized exciton polariton states in bulk-GaAs microcavities. Physical Review B, 2000, 62, 8199-8203.	3.2	8
131	Thermal emission and band-filling effects on the photoluminescence rise time of InGaAs/InAs/GaAs quantum dots. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 28, 22-27.	2.7	8
132	Comment on â€œLinear Wave Dynamics Explains Observations Attributed to Dark Solitons in a Polariton Quantum Fluidâ€• Physical Review Letters, 2015, 115, 089401.	7.8	8
133	Stationary coherence in semiconductor microcavities. Physical Review B, 1999, 59, R10429-R10432.	3.2	7
134	Polarization dependence of nonlinear wave mixing of spinor polaritons in semiconductor microcavities. Physical Review B, 2016, 94, .	3.2	7
135	Nonlinear Polariton Localization in Strongly Coupled Driven-Dissipative Microcavities. ACS Photonics, 2018, 5, 95-99.	6.6	7
136	Quantum well photoelastic comb for ultra-high frequency cavity optomechanics. Quantum Science and Technology, 2019, 4, 014011.	5.8	7
137	Orbital angular momentum bistability in a microlaser. Optics Letters, 2019, 44, 4531.	3.3	7
138	Optimization of optical properties of GaAs/GaAlAs quantum wells grown by high temperature migration enhanced epitaxy. Journal of Crystal Growth, 1993, 127, 774-776.	1.5	6
139	Time-Resolved Measurement of Stimulated Polariton Relaxation. Physica Status Solidi A, 2002, 190, 827-831.	1.7	6
140	Enhanced polariton relaxation by electron-polariton scattering. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 759-762.	0.8	6
141	Exciton dynamics in the presence of an electron gas in GaAs quantum wells. Physica Status Solidi (B): Basic Research, 2006, 243, 2384-2388.	1.5	6
142	Linear dichroism in a GaAs microcavity. Superlattices and Microstructures, 2007, 41, 429-433.	3.1	6
143	Polariton condensates put in motion. Nanotechnology, 2010, 21, 134025.	2.6	6
144	Vortex stability and permanent flow in nonequilibrium polariton condensates. Journal of Applied Physics, 2011, 109, 102406.	2.5	6

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145	Destruction and recurrence of excitons by acoustic shock waves on picosecond time scales. Physical Review B, 2012, 86, .	3.2	6
146	Top-Mirror Migration for the Fabrication of High-QPlanar Microcavities Containing Fragile Active Materials. Applied Physics Express, 2013, 6, 106701.	2.4	6
147	Lasing in optically induced gap states in photonic graphene. , 2018, 5, .		6
148	Towards a Room Temperature Polariton Amplifier. Physica Status Solidi A, 2002, 190, 315-319.	1.7	5
149	Cavity QED with a single QD inside an optical microcavity. Physica Status Solidi (B): Basic Research, 2006, 243, 3879-3884.	1.5	5
150	Parametric generation of twin photons in vertical triple microcavities. Comptes Rendus Physique, 2007, 8, 1198-1204.	0.9	5
151	Fabrication of quantum wires by selective intermixing induced in GaAs/AlGaAs quantum well heterostructures by SiO2 capping and subsequent annealing. Superlattices and Microstructures, 1995, 18, 229.	3.1	4
152	Photoluminescence efficiency of semiconductor-microcavity-polaritons far from resonance. Solid State Communications, 1998, 106, 711-714.	1.9	4
153	Radiative transfer in semiconductor microcavities. Physica E: Low-Dimensional Systems and Nanostructures, 1998, 2, 925-928.	2.7	4
154	Time resolved stimulated emission in excitonic semiconductor microcavities. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 13, 390-393.	2.7	4
155	Three-dimensional trapping of light with light in semiconductor planar microcavities. Physical Review B, 2019, 99, .	3.2	4
156	Non-linear spin polarization dynamics in semiconductor microcavities. Springer Proceedings in Physics, 2001, , 653-654.	0.2	4
157	Polariton parametric amplification in semiconductor microcavities. Journal of Modern Optics, 2002, 49, 2437-2458.	1.3	3
158	Non-Linear Spin-Dependent Polariton Emission in Semiconductor Microcavities. Physica Status Solidi A, 2002, 190, 407-411.	1.7	3
159	Optically induced ultrafast quenching of the semiconductor quantum well luminescence. Applied Physics Letters, 2008, 92, 061912.	3.3	3
160	Phenomenological theory of bistability in polariton diodes. Applied Physics Letters, 2010, 97, 091107.	3.3	3
161	Optical induced vortices and persistent currents in polariton condensates. Journal of Physics: Conference Series, 2010, 210, 012023.	0.4	3
162	Optical parametric oscillaton in 1D semiconductor microcavities. Physica Status Solidi (B): Basic Research, 2012, 249, 896-899.	1.5	3

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163	Excitonic Polaritons in Semiconductor Micropillars. Acta Physica Polonica A, 2008, 114, 933-943.	0.5	3
164	Time-resolved luminescence of excitons in a microcavity. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1995, 17, 1601-1605.	0.4	2
165	Comment on â€˜â€˜Optical characterization of submonolayer and monolayer InAs structures grown in a GaAs matrix on (100) and highâ€index surfacesâ€™â€™ [Appl. Phys. Lett. 64, 1526 (1994)]. Applied Physics Letters, 1995, 66, 111-111.	3.3	2
166	Nonguiding semiconductor microcavity: Exciton-photon mode splitting and photoluminescence dynamics. Solid-State Electronics, 1996, 40, 487-491.	1.4	2
167	Multiple Concentric Annuli for Characterizing Spatially Nonuniform Backgrounds. Astrophysical Journal, 1999, 519, 372-388.	4.5	2
168	Resonant Rayleigh scattering mediated by 2D cavity polaritons. Physica E: Low-Dimensional Systems and Nanostructures, 2000, 7, 676-680.	2.7	2
169	Relaxation dynamics of Microcavity Polaritons in the presence of an electron gas. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 3920-3923.	0.8	2
170	Optical parametric oscillation in a vertical triple microcavity. Superlattices and Microstructures, 2007, 41, 301-307.	3.1	2
171	Polariton spin beats in semiconductor quantum well microcavities. Superlattices and Microstructures, 2008, 43, 417-426.	3.1	2
172	Superfluidity in polariton condensates. Journal of Physics: Conference Series, 2010, 210, 012060.	0.4	2
173	Exciton dynamics in quantum-well microcavities. Superlattices and Microstructures, 1997, 22, 375-381.	3.1	1
174	Evidence of Nonlinear Emission of Polaritons in a IIIâ€“V Microcavity. Physica Status Solidi A, 2000, 178, 167-171.	1.7	1
175	Polariton linewidths in a semiconductor microcavity. Materials Science and Engineering C, 2002, 21, 223-226.	7.3	1
176	Modifying the polariton relaxation bottleneck by injecting an electron gas in a semiconductor microcavity. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 3916-3919.	0.8	1
177	Short radiative lifetime of single GaAs quantum dots. AIP Conference Proceedings, 2005, , .	0.4	1
178	Parametric polariton scattering in single micropillar microcavities. AIP Conference Proceedings, 2007, , .	0.4	1
179	Electroluminescence of excitons in an InGaAs quantum well. Superlattices and Microstructures, 2007, 41, 368-371.	3.1	1
180	Influence of recapture on the emission statistics of short radiative lifetime quantum dots. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 2520-2523.	0.8	1

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181	Ultrafast tailoring of the exciton distribution in quantum wells. Physica Status Solidi (B): Basic Research, 2008, 245, 1064-1066.	1.5	1
182	Cavity polaritons for new photonic devices. , 2010, , .		1
183	Microcavity design for low threshold polariton condensation with ultrashort optical pulse excitation. Journal of Applied Physics, 2015, 117, 205702.	2.5	1
184	Foreword â€“ Strong lightâ€“matter coupling in solid-state systems: A historical perspective. Comptes Rendus Physique, 2016, 17, 805-807.	0.9	1
185	Strong coupling regime in semiconductor microcavities. European Physical Journal Special Topics, 1999, 09, Pr2-15.	0.2	1
186	Fluides quantiques de lumiÃ¨re dans les microcavitÃ©s Ã semi-conducteurs. , 2016, , 4-9.	0.1	1
187	Characterization of aluminium concentration in shallow quantum wells AlxGa1â^'xAs/GaAs types. Solid State Communications, 2003, 125, 51-54.	1.9	0
188	Non perturbative exciton-phonon coupling for a single GaAs quantum dot. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 438-441.	0.8	0
189	Accelerating polariton relaxation in a two beam experiment. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 755-758.	0.8	0
190	Strong coupling for a single quantum dot in a microdisk. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 3825-3828.	0.8	0
191	Spectral feature of short radiative lifetime quantum dot. AIP Conference Proceedings, 2005, , .	0.4	0
192	Generation of quantum correlated photon pairs from a vertical triple microcavity. , 2007, , .		0
193	Optical Parametric Oscillation In A Vertical Triple Microcavity. AIP Conference Proceedings, 2007, , .	0.4	0
194	Quantum degeneracy of polaritons in a GaAs based Microcavity. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 2429-2432.	0.8	0
195	Observing odd numbers of polaritons in pillar microcavities. , 2009, , .		0
196	Observation of a Long-Lived Polariton State in Semiconductor Microcavities. , 2010, , .		0
197	Observation of Quantum Hydrodynamic Effects in Microcavity Polaritons. , 2010, , .		0
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