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	Gap solitons in a one-dimensional driven-dissipative topological lattice. Nature Physics, 2022, 18, 678-684.	16.7	40
2	Strongly correlated electronâ€“photon systems. Nature, 2022, 606, 41-48.	27.8	66
3	Few-photon all-optical phase rotation in a quantum-well micropillar cavity. Nature Photonics, 2022, 16, 566-569.	31.4	13
4	Non-equilibrium Boseâ€“Einstein condensation in photonic systems. Nature Reviews Physics, 2022, 4, 470-488.	26.6	27
5	Microcavity polaritons for topological photonics [Invited]. Optical Materials Express, 2021, 11, 1119.	3.0	43
6	Measuring Topological Invariants in a Polaritonic Analog of Graphene. Physical Review Letters, 2021, 126, 127403.	7.8	13
7	Semi-Dirac transport and localization in polaritonic graphene. , 2021, , .		0
8	Chiral emission induced by optical Zeeman effect in polariton micropillars. Physical Review Research, 2021, 3, .	3.6	9
9	Excitation Ladder of Cavity Polaritons. Physical Review Letters, 2020, 125, 067403.	7.8	16
10	Semi-Dirac Transport and Anisotropic Localization in Polariton Honeycomb Lattices. Physical Review Letters, 2020, 125, 186601.	7.8	29
11	Direct observation of photonic Landau levels and helical edge states in strained honeycomb lattices. Light: Science and Applications, 2020, 9, 144.	16.6	38
12	Microcavity Polaritons for Quantum Simulation. Advanced Quantum Technologies, 2020, 3, 2000052.	3.9	25
13	Parametric instability in coupled nonlinear microcavities. Physical Review A, 2020, 102, .	2.5	15
14	Multi-orbital tight binding model for cavity-polariton lattices. Journal of Physics Condensed Matter, 2020, 32, 315402.	1.8	13
15	Emergence of criticality through a cascade of delocalization transitions in quasiperiodic chains. Nature Physics, 2020, 16, 832-836.	16.7	64
16	Polaritonic XY-Ising machine. Nanophotonics, 2020, 9, 4127-4138.	6.0	38
17	Type-III and Tilted Dirac Cones Emerging from Flat Bands in Photonic Orbital Graphene. Physical Review X, 2019, 9, .	8.9	72
18	Dispersion relation of the collective excitations in a resonantly driven polariton fluid. Nature Communications, 2019, 10, 3869.	12.8	36

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19	Nonlinear Polariton Fluids in a Flatband Reveal Discrete Gap Solitons. Physical Review Letters, 2019, 123, 113901.	7.8	39
20	Nonreciprocity and zero reflection in nonlinear cavities with tailored loss. Physical Review A, 2019, 99, .	2.5	14
21	Three-dimensional trapping of light with light in semiconductor planar microcavities. Physical Review B, 2019, 99, .	3.2	4
22	Optically controlling the emission chirality of microlasers. Nature Photonics, 2019, 13, 283-288.	31.4	109
23	Emergence of quantum correlations from interacting fibre-cavity polaritons. Nature Materials, 2019, 18, 213-218.	27.5	128
24	Quantum well photoelastic comb for ultra-high frequency cavity optomechanics. Quantum Science and Technology, 2019, 4, 014011.	5.8	7
25	Orbital angular momentum bistability in a microlaser. Optics Letters, 2019, 44, 4531.	3.3	7
26	Nonlinear Polariton Localization in Strongly Coupled Driven-Dissipative Microcavities. ACS Photonics, 2018, 5, 95-99.	6.6	7
27	Unstable and stable regimes of polariton condensation. Optica, 2018, 5, 1163.	9.3	47
28	Lasing in optically induced gap states in photonic graphene. , 2018, 5, .		6
29	Creation of Semi-Dirac Photons Through Topological Phase Transitions in Photonic Honeycomb Lattices. , 2018, , .		0
30	Orbital Edge States in a Photonic Honeycomb Lattice. Physical Review Letters, 2017, 118, 107403.	7.8	79
31	Optical control of polaritons: from optoelectronic to spinoptronic device concepts. Proceedings of SPIE, 2017, , .	0.8	0
32	Lasing in topological edge states of a one-dimensional lattice. Nature Photonics, 2017, 11, 651-656.	31.4	625
33	Measuring topological invariants from generalized edge states in polaritonic quasicrystals. Physical Review B, 2017, 95, .	3.2	70
34	Klein tunneling in driven-dissipative photonic graphene. Physical Review A, 2017, 96, .	2.5	21
35	Probing a Dissipative Phase Transition via Dynamical Optical Hysteresis. Physical Review Letters, 2017, 118, 247402.	7.8	142
36	Polariton lasing in the edge states of an orbital SSH chain. , 2017, , .		0

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37	Femtosecond terahertz dynamics of cooperative transitions: from charge density waves to polariton condensates. Proceedings of SPIE, 2016, , .	0.8	0
38	Polarization dependence of nonlinear wave mixing of spinor polaritons in semiconductor microcavities. Physical Review B, 2016, 94, .	3.2	7
39	Exciton-polaritons in lattices: A non-linear photonic simulator. Comptes Rendus Physique, 2016, 17, 934-945.	0.9	85
40	Foreword â€“ Strong lightâ€“matter coupling in solid-state systems: A historical perspective. Comptes Rendus Physique, 2016, 17, 805-807.	0.9	1
41	Stochastic precession of the polarization in a polariton laser. Physical Review B, 2016, 93, .	3.2	13
42	Bosonic Condensation and Disorder-Induced Localization in a Flat Band. Physical Review Letters, 2016, 116, 066402.	7.8	246
43	Phase-Controlled Bistability of a Dark Soliton Train in a Polariton Fluid. Physical Review Letters, 2016, 117, 217401.	7.8	39
44	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
45	Interaction-induced hopping phase in driven-dissipative coupled photonic microcavities. Nature Communications, 2016, 7, 11887.	12.8	74
46	Fluides quantiques de lumiÃ¨re dans les microcavitÃ©s Ã semi-conducteurs. , 2016, , 4-9.	0.1	1
47	Nonequilibrium polariton condensate in a magnetic field. Physical Review B, 2015, 91, .	3.2	29
48	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
49	Manipulating Quantum Fluids of Light in Microstructured Semiconductor Cavities. , 2015, , .		0
50	Measurements of nuclear spin dynamics by spin-noise spectroscopy. Applied Physics Letters, 2015, 106, .	3.3	33
51	Realization of an all optical exciton-polariton router. Applied Physics Letters, 2015, 107, .	3.3	66
52	Observation of the Excitation Ladder in a Microcavity Diode Using Multi-quantum Coherent Optical Photocurrent Spectroscopy. , 2015, , .		0
53	Acoustic Black Hole in a Stationary Hydrodynamic Flow of Microcavity Polaritons. Physical Review Letters, 2015, 114, 036402.	7.8	114
54	Spin-Orbit Coupling for Photons and Polaritons in Microstructures. Physical Review X, 2015, 5, .	8.9	131

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55	Microcavity design for low threshold polariton condensation with ultrashort optical pulse excitation. Journal of Applied Physics, 2015, 117, 205702.	2.5	1
56	Edge states in polariton honeycomb lattices. 2D Materials, 2015, 2, 034012.	4.4	58
57	Cavity Polaritons: Crossroad Between Non-Linear Optics and Atomic Condensates. , 2014, , 207-239.		0
58	Two-photon injection of polaritons in semiconductor microstructures. Optics Letters, 2014, 39, 307.	3.3	10
59	Polariton-polariton interaction potentials determination by pump-probe degenerate scattering in a multiple microcavity. Physical Review B, 2014, 89, .	3.2	9
60	Quantum confinement of zero-dimensional hybrid organic-inorganic polaritons at room temperature. Applied Physics Letters, 2014, 104, .	3.3	15
61	Formation and control of transverse patterns in a quantum fluid of microcavity polaritons. , 2014, , .		0
62	All-optical phase modulation in a cavity-polariton Machâ€“Zehnder interferometer. Nature Communications, 2014, 5, 3278.	12.8	123
63	Polariton-generated intensity squeezing in semiconductor micropillars. Nature Communications, 2014, 5, 3260.	12.8	71
64	Direct Observation of Dirac Cones and a Flatband in a Honeycomb Lattice for Polaritons. Physical Review Letters, 2014, 112, 116402.	7.8	352
65	Revealing the dark side of a bright excitonâ€“polariton condensate. Nature Communications, 2014, 5, 4648.	12.8	51
66	Fractal Energy Spectrum of a Polariton Gas in a Fibonacci Quasiperiodic Potential. Physical Review Letters, 2014, 112, 146404.	7.8	104
67	Control of Polariton Patterns in Semiconductor Microcavities. , 2014, , .		0
68	Control of Turing Patterns in a Coherent Quantum Fluid. , 2014, , .		0
69	Nondestructive Measurement of Nuclear Magnetization by Off-Resonant Faraday Rotation. Physical Review Letters, 2013, 111, 087603.	7.8	23
70	Polariton condensation in solitonic gap states in a one-dimensional periodic potential. Nature Communications, 2013, 4, 1749.	12.8	155
71	Macroscopic quantum self-trapping and Josephson oscillations of exciton polaritons. Nature Physics, 2013, 9, 275-279.	16.7	244
72	Realization of a Double-Barrier Resonant Tunneling Diode for Cavity Polaritons. Physical Review Letters, 2013, 110, 236601.	7.8	118

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73	Top-Mirror Migration for the Fabrication of High-QPlanar Microcavities Containing Fragile Active Materials. Applied Physics Express, 2013, 6, 106701.	2.4	6
74	Optical parametric oscillation in one-dimensional microcavities. Physical Review B, 2013, 87, .	3.2	16
75	Formation and control of Turing patterns in a coherent quantum fluid. Scientific Reports, 2013, 3, 3016.	3.3	45
76	Formation and control of Turing patterns from interacting polaritons in coupled semiconductor microcavities. , 2013, , .		0
77	Polariton Condensates in Low Dimensional Cavities. Springer Series in Solid-state Sciences, 2013, , 177-199.	0.3	0
78	Time-resolved Terahertz Mapping of a Cold Exciton-Polariton Gas. , 2013, , .		0
79	Observation of Oblique Half-Solitons in polariton Superfluids. , 2012, , .		0
80	Role of supercurrents on vortices formation in polariton condensates. Optics Express, 2012, 20, 16366.	3.4	17
81	Discretized disorder in planar semiconductor microcavities: Mosaicity effect on resonant Rayleigh scattering and optical parametric oscillation. Physical Review B, 2012, 85, .	3.2	12
82	Bunching visibility of optical parametric emission in a semiconductor microcavity. Physical Review B, 2012, 86, .	3.2	12
83	Publisherâ€™s Note: Discretized disorder in planar semiconductor microcavities: Mosaicity effect on resonant Rayleigh scattering and optical parametric oscillation [Phys. Rev. B85, 045316 (2012)]. Physical Review B, 2012, 85, .	3.2	0
84	COHERENT INJECTION OF MICROCAVITIES POLARITON THROUGH TWO PHOTON EXCITATION. , 2012, , .		0
85	Destruction and recurrence of excitons by acoustic shock waves on picosecond time scales. Physical Review B, 2012, 86, .	3.2	6
86	Propagation and Amplification Dynamics of 1D Polariton Condensates. Physical Review Letters, 2012, 109, 216404.	7.8	106
87	High-Q planar organicâ€“inorganic Perovskite-based microcavity. Optics Letters, 2012, 37, 5061.	3.3	19
88	Half-solitons in a polariton quantum fluid behave like magnetic monopoles. Nature Physics, 2012, 8, 724-728.	16.7	131
89	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
90	Backscattering Suppression in Supersonic 1D Polariton Condensates. Physical Review Letters, 2012, 108, 036405.	7.8	18

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91	Optical parametric oscillaton in 1D semiconductor microcavities. Physica Status Solidi (B): Basic Research, 2012, 249, 896-899.	1.5	3
92	Polariton Condensation in Photonic Molecules. Physical Review Letters, 2012, 108, 126403.	7.8	124
93	Macroscopic Self-trapping and Non-linear Oscillations in Coupled Polariton Condensates. , 2012, , .		0
94	Spatial, spectral, and polarization properties of coupled micropillar cavities. Applied Physics Letters, 2011, 99, 101103.	3.3	39
95	Onset and Dynamics of Vortex-Antivortex Pairs in Polariton Optical Parametric Oscillator Superfluids. Physical Review Letters, 2011, 107, 036401.	7.8	42
96	A solid state ultrabright source of entangled photon pairs. Proceedings of SPIE, 2011, , .	0.8	0
97	Interactions in Confined Polariton Condensates. Physical Review Letters, 2011, 106, 126401.	7.8	144
98	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
99	Ultra-low threshold polariton lasing in photonic crystal cavities. Applied Physics Letters, 2011, 99, .	3.3	59
100	Vortex stability and permanent flow in nonequilibrium polariton condensates. Journal of Applied Physics, 2011, 109, 102406.	2.5	6
101	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
102	Radiation patterns from coupled photonic crystal nanocavities. Applied Physics Letters, 2011, 99, 111101.	3.3	20
103	Superfluidity in polariton condensates. Journal of Physics: Conference Series, 2010, 210, 012060.	0.4	2
104	Ultrabright source of entangled photon pairs. Nature, 2010, 466, 217-220.	27.8	501
105	Persistent currents and quantized vortices in a polariton superfluid. Nature Physics, 2010, 6, 527-533.	16.7	282
106	Spontaneous formation and optical manipulation of extended polariton condensates. Nature Physics, 2010, 6, 860-864.	16.7	431
107	Observation of a Long-Lived Polariton State in Semiconductor Microcavities. , 2010, , .		0
108	Observation of Quantum Hydrodynamic Effects in Microcavity Polaritons. , 2010, , .		0

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109	Cavity polaritons for new photonic devices. , 2010, , .		1
110	A quantum dot based bright source of entangled photon pairs operating at 53 K. Applied Physics Letters, 2010, 97, .	3.3	21
111	Phenomenological theory of bistability in polariton diodes. Applied Physics Letters, 2010, 97, 091107.	3.3	3
112	Spontaneous nonground state polariton condensation in pillar microcavities. Physical Review B, 2010, 81, .	3.2	36
113	Polariton parametric oscillation in a single micropillar cavity. Applied Physics Letters, 2010, 97, .	3.3	23
114	Optical induced vortices and persistent currents in polariton condensates. Journal of Physics: Conference Series, 2010, 210, 012023.	0.4	3
115	Polariton condensates put in motion. Nanotechnology, 2010, 21, 134025.	2.6	6
116	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
117	Polariton-polariton interaction constants in microcavities. Physical Review B, 2010, 82, .	3.2	173
118	Polarization controlled nonlinear transmission of light through semiconductor microcavities. Physical Review B, 2009, 79, .	3.2	23
119	Scalable implementation of strongly coupled cavity-quantum dot devices. Applied Physics Letters, 2009, 94, .	3.3	44
120	Observing odd numbers of polaritons in pillar microcavities. , 2009, , .		0
121	Terahertz polariton sidebands generated by ultrafast strain pulses in an optical semiconductor microcavity. Physical Review B, 2009, 80, .	3.2	23
122	Collective fluid dynamics of a polariton condensate in a semiconductor microcavity. Nature, 2009, 457, 291-295.	27.8	494
123	Exciton polaritons in two-dimensional photonic crystals. Physical Review B, 2009, 80, .	3.2	35
124	Origin of the Optical Emission within the Cavity Mode of Coupled Quantum Dot-Cavity Systems. Physical Review Letters, 2009, 103, 027401.	7.8	68
125	Observation of Long-Lived Polariton States in Semiconductor Microcavities across the Parametric Threshold. Physical Review Letters, 2009, 102, 056402.	7.8	32
126	Spontaneous formation of a polariton condensate in a planar GaAs microcavity. Applied Physics Letters, 2009, 95, .	3.3	97

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127	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
128	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
129	Ultrafast tailoring of the exciton distribution in quantum wells. Physica Status Solidi (B): Basic Research, 2008, 245, 1064-1066.	1.5	1
130	Polariton spin beats in semiconductor quantum well microcavities. Superlattices and Microstructures, 2008, 43, 417-426.	3.1	2
131	Polariton light-emitting diode in a GaAs-based microcavity. Physical Review B, 2008, 77, .	3.2	92
132	Optically induced ultrafast quenching of the semiconductor quantum well luminescence. Applied Physics Letters, 2008, 92, 061912.	3.3	3
133	Optical Bistability in a GaAs-Based Polariton Diode. Physical Review Letters, 2008, 101, 266402.	7.8	102
134	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
135	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
136	Ultrafast control of light emission from a quantum-well semiconductor microcavity using picosecond strain pulses. Physical Review B, 2008, 78, .	3.2	35
137	Excitonic Polaritons in Semiconductor Micropillars. Acta Physica Polonica A, 2008, 114, 933-943.	0.5	3
138	Highly directional radiation pattern of microdisk cavities. Applied Physics Letters, 2007, 91, 151103.	3.3	13
139	Generation of quantum correlated photon pairs from a vertical triple microcavity. , 2007, , .		0
140	Polariton parametric luminescence in a single micropillar. Applied Physics Letters, 2007, 90, 051107.	3.3	34
141	Fast radiative quantum dots: From single to multiple photon emission. Applied Physics Letters, 2007, 90, 223118.	3.3	26
142	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
143	Nonresonant electrical injection of excitons in an InGaAs quantum well. Applied Physics Letters, 2007, 90, 121114.	3.3	10
144	Optical Parametric Oscillation In A Vertical Triple Microcavity. AIP Conference Proceedings, 2007, , .	0.4	0

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145	Parametric polariton scattering in single micropillar microcavities. AIP Conference Proceedings, 2007, , .	0.4	1
146	Optical parametric oscillation in a vertical triple microcavity. Superlattices and Microstructures, 2007, 41, 301-307.	3.1	2
147	Electroluminescence of excitons in an InGaAs quantum well. Superlattices and Microstructures, 2007, 41, 368-371.	3.1	1
148	Linear dichroism in a GaAs microcavity. Superlattices and Microstructures, 2007, 41, 429-433.	3.1	6
149	Parametric generation of twin photons in vertical triple microcavities. Comptes Rendus Physique, 2007, 8, 1198-1204.	0.9	5
150	Observation of spin beats at the Rabi frequency in microcavities. Physical Review B, 2006, 74, .	3.2	23
151	Dynamics of microcavity polaritons in the presence of an electron gas. Physical Review B, 2006, 73, .	3.2	31
152	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
153	Cavity QED with a single QD inside an optical microcavity. Physica Status Solidi (B): Basic Research, 2006, 243, 3879-3884.	1.5	5
154	Parametric oscillation in vertical triple microcavities. Nature, 2006, 440, 904-907.	27.8	134
155	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
156	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
157	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
158	Enhanced polariton relaxation by electron-polariton scattering. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 759-762.	0.8	6
159	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
160	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
161	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
162	Spectral feature of short radiative lifetime quantum dot. AIP Conference Proceedings, 2005, , .	0.4	0

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163	Short radiative lifetime of single GaAs quantum dots. AIP Conference Proceedings, 2005, , .	0.4	1
164	High-Q whispering-gallery modes in GaAsâˆ•AlOx microdisks. Applied Physics Letters, 2005, 86, 021103.	3.3	19
165	Few particle effects in the emission of short-radiative-lifetime single quantum dots. Physical Review B, 2005, 72, .	3.2	14
166	Exciton-Photon Strong-Coupling Regime for a Single Quantum Dot Embedded in a Microcavity. Physical Review Letters, 2005, 95, 067401.	7.8	665
167	Exciton radiative lifetime controlled by the lateral confinement energy in a single quantum dot. Physical Review B, 2005, 71, .	3.2	83
168	Polariton relaxation in semiconductor microcavities: Efficiency of electron-polariton scattering. Physical Review B, 2005, 72, .	3.2	28
169	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
170	Monitoring the dynamics of a coherent cavity polariton population. Physical Review B, 2005, 71, .	3.2	29
171	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
172	Phonon sidebands in exciton and biexciton emission from single GaAs quantum dots. Physical Review B, 2004, 69, .	3.2	65
173	Characterization of aluminium concentration in shallow quantum wells AlxGa1â^'xAs/GaAs types. Solid State Communications, 2003, 125, 51-54.	1.9	0
174	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
175	Single photon emission from individual GaAs quantum dots. Applied Physics Letters, 2003, 82, 2206-2208.	3.3	59
176	Polariton parametric amplification in semiconductor microcavities. Journal of Modern Optics, 2002, 49, 2437-2458.	1.3	3
177	Condensation of Semiconductor Microcavity Exciton Polaritons. Science, 2002, 298, 199-202.	12.6	732
178	Towards a Room Temperature Polariton Amplifier. Physica Status Solidi A, 2002, 190, 315-319.	1.7	5
179	Non-Linear Spin-Dependent Polariton Emission in Semiconductor Microcavities. Physica Status Solidi A, 2002, 190, 407-411.	1.7	3
180	Time-Resolved Measurement of Stimulated Polariton Relaxation. Physica Status Solidi A, 2002, 190, 827-831.	1.7	6

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181	Polariton linewidths in a semiconductor microcavity. Materials Science and Engineering C, 2002, 21, 223-226.	7.3	1
182	Time resolved stimulated emission in excitonic semiconductor microcavities. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 13, 390-393.	2.7	4
183	High-temperature ultrafast polariton parametric amplification in semiconductor microcavities. Nature, 2001, 414, 731-735.	27.8	355
184	Non-linear spin polarization dynamics in semiconductor microcavities. Springer Proceedings in Physics, 2001, , 653-654.	0.2	4
185	Evidence of Nonlinear Emission of Polaritons in a IIIâ€“V Microcavity. Physica Status Solidi A, 2000, 178, 167-171.	1.7	1
186	Resonant Rayleigh scattering mediated by 2D cavity polaritons. Physica E: Low-Dimensional Systems and Nanostructures, 2000, 7, 676-680.	2.7	2
187	Center-of-mass quantized exciton polariton states in bulk-GaAs microcavities. Physical Review B, 2000, 62, 8199-8203.	3.2	8
188	Theory of Resonant Rayleigh Scattering from Semiconductor Microcavities: Signatures of Disorder. Physical Review Letters, 2000, 84, 3478-3481.	7.8	28
189	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
190	Microcavity polariton depopulation as evidence for stimulated scattering. Physical Review B, 2000, 62, R16263-R16266.	3.2	86
191	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
192	Stimulated Scattering of Microcavity Polaritons. Acta Physica Polonica A, 2000, 98, 295-302.	0.5	0
193	Annular resonant Rayleigh scattering in the picosecond dynamics of cavity polaritons. Physical Review B, 1999, 60, R8509-R8512.	3.2	37
194	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
195	Coherent control of exciton polaritons in a semiconductor microcavity. Physical Review B, 1999, 59, R2494-R2497.	3.2	42
196	Stationary coherence in semiconductor microcavities. Physical Review B, 1999, 59, R10429-R10432.	3.2	7
197	Nonlinear Emission of Microcavity Polaritons in the Low Density Regime. Physical Review Letters, 1999, 82, 1233-1236.	7.8	169
198	Multiple Concentric Annuli for Characterizing Spatially Nonuniform Backgrounds. Astrophysical Journal, 1999, 519, 372-388.	4.5	2

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199	Strong coupling regime in semiconductor microcavities. European Physical Journal Special Topics, 1999, 09, Pr2-15.	0.2	1
200	Photoluminescence efficiency of semiconductor-microcavity-polaritons far from resonance. Solid State Communications, 1998, 106, 711-714.	1.9	4
201	Strong and weak coupling regime in pillar semiconductor microcavities. Physica E: Low-Dimensional Systems and Nanostructures, 1998, 2, 915-919.	2.7	23
202	Radiative transfer in semiconductor microcavities. Physica E: Low-Dimensional Systems and Nanostructures, 1998, 2, 925-928.	2.7	4
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