

Cristiano Ciuti

List of Publications by Year in descending order

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181
papers

13,941
citations

23567

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117
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184
all docs

184
docs citations

184
times ranked

5464
citing authors

#	ARTICLE	IF	CITATIONS
1	Photonic Kernel Machine Learning for Ultrafast Spectral Analysis. Physical Review Applied, 2022, 17, .	3.8	9
2	Breakdown of topological protection by cavity vacuum fields in the integer quantum Hall effect. Science, 2022, 375, 1030-1034.	12.6	57
3	Dissipative Phase Transition with Driving-Controlled Spatial Dimension and Diffusive Boundary Conditions. Physical Review Letters, 2022, 128, 093601.	7.8	3
4	Non-perturbative Subcycle Nonlinearities of Ultrastrong Light-Matter Coupling. , 2021, , .		0
5	Dissipation-induced antiferromagneticlike frustration in coupled photonic resonators. Physical Review A, 2021, 103, .	2.5	5
6	Tailored Subcycle Nonlinearities of Ultrastrong Light-Matter Coupling. Physical Review Letters, 2021, 126, 177404.	7.8	21
7	Extremely Non-adiabatic Switch-off of Deep-strong Light-Matter Coupling. , 2021, , .		0
8	Manipulating matter by strong coupling to vacuum fields. Science, 2021, 373, .	12.6	276
9	Non-Hermitian bath model for arrays of coupled nanoresonators. Optics Express, 2021, 29, 34015.	3.4	2
10	Extremely Non-Adiabatic Switch-Off of Deep-Strong Light-Matter Coupling. , 2021, , .		0
11	Cavity-mediated electron hopping in disordered quantum Hall systems. Physical Review B, 2021, 104, .	3.2	26
12	Continuous-time dynamics and error scaling of noisy highly entangling quantum circuits. Physical Review A, 2021, 104, .	2.5	3
13	Conductivity and Photoconductivity of a p-Type Organic Semiconductor under Ultrastrong Coupling. ACS Nano, 2020, 14, 10219-10225.	14.6	56
14	Non-adiabatic stripping of a cavity field from electrons in the deep-strong coupling regime. Nature Photonics, 2020, 14, 675-679.	31.4	33
15	Permanent Directional Heat Currents in Lattices of Optomechanical Resonators. Physical Review Letters, 2020, 124, 083601.	7.8	7
16	Extremely Non-Adiabatic Switching of Deep-Strong Light-Matter Coupling. , 2020, , .		0
17	Entanglement dynamics in dissipative photonic Mott insulators. Physical Review Research, 2020, 2, .	3.6	1
18	Variational Neural-Network Ansatz for Steady States in Open Quantum Systems. Physical Review Letters, 2019, 122, 250503.	7.8	135

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19	Dark vertical conductance of cavity-embedded semiconductor heterostructures. <i>New Journal of Physics</i> , 2019, 21, 093061.	2.9	10
20	Magneto-transport of 2DEGs ultrastrongly coupled to vacuum fields. , 2019, , .		0
21	Nonlinear Polariton Fluids in a Flatband Reveal Discrete Gap Solitons. <i>Physical Review Letters</i> , 2019, 123, 113901.	7.8	39
22	Quantum Critical Regime in a Quadratically Driven Nonlinear Photonic Lattice. <i>Physical Review Letters</i> , 2019, 122, 110405.	7.8	77
23	Optimal stochastic unraveling of disordered open quantum systems: Application to driven-dissipative photonic lattices. <i>Physical Review A</i> , 2019, 99, .	2.5	11
24	Magneto-transport controlled by Landau polariton states. <i>Nature Physics</i> , 2019, 15, 186-190.	16.7	115
25	Critical slowing down in driven-dissipative Bose-Hubbard lattices. <i>Physical Review A</i> , 2018, 97, .	2.5	68
26	Linked cluster expansions for open quantum systems on a lattice. <i>Physical Review B</i> , 2018, 97, .	3.2	37
27	Vacuum-dressed cavity magnetotransport of a two-dimensional electron gas. <i>Physical Review B</i> , 2018, 98, .	3.2	34
28	Phase diagram of the dissipative quantum Ising model on a square lattice. <i>Physical Review B</i> , 2018, 98, .	3.2	40
29	Spectral theory of Liouvillians for dissipative phase transitions. <i>Physical Review A</i> , 2018, 98, .	2.5	199
30	Dynamical properties of dissipative XYZ Heisenberg lattices. <i>New Journal of Physics</i> , 2018, 20, 045003.	2.9	35
31	Fully coupled hybrid cavity optomechanics: Quantum interferences and correlations. <i>Physical Review A</i> , 2017, 95, .	2.5	49
32	Light-Mediated Cascaded Locking of Multiple Nano-Optomechanical Oscillators. <i>Physical Review Letters</i> , 2017, 118, 063605.	7.8	74
33	Resilience of the quantum Rabi model in circuit QED. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 294001.	2.1	15
34	Critical dynamical properties of a first-order dissipative phase transition. <i>Physical Review A</i> , 2017, 95, .	2.5	116
35	Quantum entanglement in the spatial-symmetry-breaking phase transition of a driven-dissipative Bose-Hubbard dimer. <i>Physical Review A</i> , 2017, 95, .	2.5	59
36	Stabilizing strongly correlated photon fluids with non-Markovian reservoirs. <i>Physical Review A</i> , 2017, 96, .	2.5	47

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37	On the robustness of strongly correlated multi-photon states in frustrated driven-dissipative cavity lattices. <i>European Physical Journal: Special Topics</i> , 2017, 226, 2805-2814.	2.6	5
38	Homodyne versus photon-counting quantum trajectories for dissipative Kerr resonators with two-photon driving. <i>European Physical Journal: Special Topics</i> , 2017, 226, 2705-2713.	2.6	28
39	Critical behavior of dissipative two-dimensional spin lattices. <i>Physical Review B</i> , 2017, 95, .	3.2	61
40	Phase diagram of incoherently driven strongly correlated photonic lattices. <i>Physical Review A</i> , 2017, 96, .	2.5	55
41	Probing a Dissipative Phase Transition via Dynamical Optical Hysteresis. <i>Physical Review Letters</i> , 2017, 118, 247402.	7.8	142
42	Superradiant phase transition in the ultrastrong-coupling regime of the two-photon Dicke model. <i>Physical Review A</i> , 2017, 95, .	2.5	58
43	Strongly Correlated Photons in Nonlinear Nanophotonic Platforms. <i>Quantum Science and Technology</i> , 2017, , 123-151.	2.6	0
44	Exact results for Schrödinger cats in driven-dissipative systems and their feedback control. <i>Scientific Reports</i> , 2016, 6, 26987.	3.3	68
45	Exact steady state of a Kerr resonator with one- and two-photon driving and dissipation: Controllable Wigner-function multimodality and dissipative phase transitions. <i>Physical Review A</i> , 2016, 94, .	2.5	110
46	Power laws in the dynamic hysteresis of quantum nonlinear photonic resonators. <i>Physical Review A</i> , 2016, 93, .	2.5	73
47	Probing photon correlations in the dark sites of geometrically frustrated cavity lattices. <i>Physical Review A</i> , 2016, 93, .	2.5	23
48	Output squeezed radiation from dispersive ultrastrong light-matter coupling. <i>Physical Review A</i> , 2016, 94, .	2.5	8
49	Truncated correlation hierarchy schemes for driven-dissipative multimode quantum systems. <i>New Journal of Physics</i> , 2016, 18, 093007.	2.9	17
50	Corner-Space Renormalization Method for Driven-Dissipative Two-Dimensional Correlated Systems. <i>Physical Review Letters</i> , 2015, 115, 080604.	7.8	79
51	Comment on "Linear Wave Dynamics Explains Observations Attributed to Dark Solitons in a Polariton Quantum Fluid". <i>Physical Review Letters</i> , 2015, 115, 089401.	7.8	8
52	Ancillary Qubit Spectroscopy of Vacua in Cavity and Circuit Quantum Electrodynamics. <i>Physical Review Letters</i> , 2015, 114, 183601.	7.8	48
53	Bose-Hubbard model: Relation between driven-dissipative steady states and equilibrium quantum phases. <i>Physical Review A</i> , 2014, 90, .	2.5	56
54	Merging of vortices and antivortices in polariton superfluids. <i>Physical Review B</i> , 2014, 90, .	3.2	12

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55	Quantum Fluids of Light. , 2014, , .		0
56	Interaction-shaped vortex-antivortex lattices in polariton fluids. Physical Review B, 2014, 89, .	3.2	32
57	Publisher's Note: Interaction-shaped vortex-antivortex lattices in polariton fluids [Phys. Rev. B89, 134501 (2014)]. Physical Review B, 2014, 90, .	3.2	0
58	Polariton-generated intensity squeezing in semiconductor micropillars. Nature Communications, 2014, 5, 3260.	12.8	71
59	Single-Polariton Optomechanics. Physical Review Letters, 2014, 112, 013601.	7.8	123
60	Hungry cavities. Nature Physics, 2014, 10, 796-797.	16.7	0
61	Controlling Discrete and Continuous Symmetries in "Superradiant" Phase Transitions with Circuit QED Systems. Physical Review Letters, 2014, 112, 173601.	7.8	84
62	Statistical flickers in a Bose-Einstein Condensate of Photons. Physics Magazine, 2014, 7, .	0.1	3
63	Steady-State Phases and Tunneling-Induced Instabilities in the Driven Dissipative Bose-Hubbard Model. Physical Review Letters, 2013, 110, 233601.	7.8	140
64	Terahertz lasing from intersubband polariton-polariton scattering in asymmetric quantum wells. Physical Review B, 2013, 87, .	3.2	47
65	Superradiant phase transitions with three-level systems. Physical Review A, 2013, 87, .	2.5	33
66	Quantum fluids of light. Reviews of Modern Physics, 2013, 85, 299-366.	45.6	1,516
67	Quantum Phases of a Multimode Bosonic Field Coupled to Flat Electronic Bands. Physical Review Letters, 2013, 110, 133603.	7.8	14
68	Ultrastrong light-matter coupling at terahertz frequencies with split ring resonators and inter-Landau level transitions. Journal of Applied Physics, 2013, 113, 136510.	2.5	29
69	Inter-branch terahertz lasing in asymmetric intersubband polariton systems. , 2013, , .		0
70	Influence of resonator design on ultrastrong coupling between a two-dimensional electron gas and a THz metamaterial. Proceedings of SPIE, 2013, , .	0.8	2
71	Effective polariton-polariton interactions of cavity-embedded two-dimensional electron gases. Physical Review B, 2013, 87, .	3.2	10
72	Quantum coherence in polariton fluids. , 2013, , .		0

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73	Quantum coherence in polariton fluids. , 2013, , .		0
74	Comment on “Superradiant Phase Transitions and the Standard Description of Circuit QED”, Physical Review Letters, 2012, 109, 179301.	7.8	32
75	Double symmetry breaking and two-dimensional quantum phase diagram in spin-boson systems. Physical Review A, 2012, 86, .	2.5	10
76	Back-reaction effects of quantum vacuum in cavity quantum electrodynamics. Physical Review A, 2012, 85, .	2.5	40
77	Cavity QED of the Graphene Cyclotron Transition. Physical Review Letters, 2012, 109, 267403.	7.8	46
78	Quantum theory of intersubband polarons. Physical Review B, 2012, 85, .	3.2	23
79	Ultrastrong Coupling of the Cyclotron Transition of a 2D Electron Gas to a THz Metamaterial. Science, 2012, 335, 1323-1326.	12.6	452
80	Protected Quantum Computation with Multiple Resonators in Ultrastrong Coupling Circuit QED. Physical Review Letters, 2011, 107, 190402.	7.8	101
81	Polariton Superfluids Reveal Quantum Hydrodynamic Solitons. Science, 2011, 332, 1167-1170.	12.6	379
82	Classical and quantum theory of photothermal cavity cooling of a mechanical oscillator. Comptes Rendus Physique, 2011, 12, 860-870.	0.9	58
83	Origin of strong photon antibunching in weakly nonlinear photonic molecules. Physical Review A, 2011, 83, .	2.5	299
84	All-optical control of the quantum flow of a polariton condensate. Nature Photonics, 2011, 5, 610-614.	31.4	143
85	Quantum information with semiconductor nanostructures. , 2011, , .		0
86	Hydrodynamic nucleation of vortices and solitons in a resonantly excited polariton superfluid. Physical Review B, 2011, 83, .	3.2	78
87	Counter-polarized single-photon generation from the auxiliary cavity of a weakly nonlinear photonic molecule. Applied Physics Letters, 2011, 99, 171111.	3.3	37
88	Switching ultrastrong light-matter coupling on a subcycle scale. Journal of Applied Physics, 2011, 109, 102418.	2.5	9
89	Superfluidity in polariton condensates. Journal of Physics: Conference Series, 2010, 210, 012060.	0.4	2
90	Ultrastrong Light-Matter Coupling Regime with Polariton Dots. Physical Review Letters, 2010, 105, 196402.	7.8	358

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91	Swimming in a sea of superfluid light. Europhysics News, 2010, 41, 23-27.	0.3	2
92	Quantum Squeezing Generation versus Photon Localization in a Disordered Planar Microcavity. Physical Review Letters, 2010, 104, 213604.	7.8	9
93	Ultrastrong coupling between a cavity resonator and the cyclotron transition of a two-dimensional electron gas in the case of an integer filling factor. Physical Review B, 2010, 81, .	3.2	113
94	Light engineering of the polariton landscape in semiconductor microcavities. Physical Review B, 2010, 82, .	3.2	92
95	Polariton parametric oscillation in a single micropillar cavity. Applied Physics Letters, 2010, 97, .	3.3	23
96	Terahertz quantum optics with solid-state systems. , 2010, , .		0
97	Quantum fluid properties of polaritons in semiconductor microcavities. Journal of Modern Optics, 2010, 57, 1900-1907.	1.3	2
98	No-go theorem for superradiant quantum phase transitions in cavity QED and counter-example in circuit QED. Nature Communications, 2010, 1, 72.	12.8	250
99	Vacuum Degeneracy of a Circuit QED System in the Ultrastrong Coupling Regime. Physical Review Letters, 2010, 104, 023601.	7.8	105
100	Publisher's Note: Quantum theory of electron tunneling into intersubband cavity polariton states [Phys. Rev. B79, 075317 (2009)]. Physical Review B, 2009, 79, .	3.2	1
101	Stimulated Scattering and Lasing of Intersubband Cavity Polaritons. Physical Review Letters, 2009, 102, 136403.	7.8	83
102	Sub-cycle switch-on of ultrastrong light-matter interaction. Nature, 2009, 458, 178-181.	27.8	498
103	Superfluidity of polaritons in semiconductor microcavities. Nature Physics, 2009, 5, 805-810.	16.7	795
104	Quantum theory of electron tunneling into intersubband cavity polariton states. Physical Review B, 2009, 79, .	3.2	35
105	Signatures of the ultrastrong light-matter coupling regime. Physical Review B, 2009, 79, .	3.2	268
106	Fermionized Photons in an Array of Driven Dissipative Nonlinear Cavities. Physical Review Letters, 2009, 103, 033601.	7.8	216
107	Extracavity quantum vacuum radiation from a single qubit. Physical Review A, 2009, 80, .	2.5	174
108	How fast electrons and photons mix: Sub-cycle switching of intersubband cavity polaritons. Journal of Physics: Conference Series, 2009, 193, 012060.	0.4	2

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109	Electrically Injected Cavity Polaritons. <i>Physical Review Letters</i> , 2008, 100, 136806.	7.8	71
110	Spatial and spectral shape of inhomogeneous nonequilibrium exciton-polariton condensates. <i>Physical Review B</i> , 2008, 77, .	3.2	166
111	Optical properties of atomic Mott insulators: From slow light to dynamical Casimir effects. <i>Physical Review A</i> , 2008, 77, .	2.5	36
112	Quantum model of microcavity intersubband electroluminescent devices. <i>Physical Review B</i> , 2008, 77, .	3.2	31
113	On the ultrastrong vacuum Rabi coupling of an intersubband transition in a semiconductor microcavity. <i>Journal of Applied Physics</i> , 2007, 101, 081709.	2.5	5
114	Generation of quantum correlated photon pairs from a vertical triple microcavity. , 2007, , .		0
115	Photovoltaic probe of cavity polaritons in a quantum cascade structure. <i>Applied Physics Letters</i> , 2007, 90, 201101.	3.3	32
116	Cavity polaritons from excited-subband transitions. <i>Applied Physics Letters</i> , 2007, 91, 231118.	3.3	25
117	Quantum Monte Carlo study of ring-shaped polariton parametric luminescence in a semiconductor microcavity. <i>Physical Review B</i> , 2007, 76, .	3.2	17
118	Quantum Vacuum Radiation Spectra from a Semiconductor Microcavity with a Time-Modulated Vacuum Rabi Frequency. <i>Physical Review Letters</i> , 2007, 98, 103602.	7.8	205
119	Optical Parametric Oscillation In A Vertical Triple Microcavity. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
120	Optical parametric oscillation in a vertical triple microcavity. <i>Superlattices and Microstructures</i> , 2007, 41, 301-307.	3.1	2
121	Many-body Physics of a Quantum Fluid of Exciton-Polaritons in a Semiconductor Microcavity. <i>Journal of Low Temperature Physics</i> , 2007, 148, 459-464.	1.4	2
122	Input-output theory of cavities in the ultrastrong coupling regime: The case of time-independent cavity parameters. <i>Physical Review A</i> , 2006, 74, .	2.5	235
123	Parametric oscillation in vertical triple microcavities. <i>Nature</i> , 2006, 440, 904-907.	27.8	134
124	Polariton quantum blockade in a photonic dot. <i>Physical Review B</i> , 2006, 73, .	3.2	178
125	Screening by composite charged particles: the case of quantum well trions. <i>Solid State Communications</i> , 2005, 133, 537-541.	1.9	3
126	Polarization selective polariton oscillation in quasi-one-dimensional microcavities. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 779-782.	0.8	2

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127	Quantum fluid effects and parametric instabilities in microcavities. <i>Physica Status Solidi (B): Basic Research</i> , 2005, 242, 2224-2245.	1.5	95
128	Non-linear dynamical effects in semiconductor microcavities. <i>Physica Status Solidi (B): Basic Research</i> , 2005, 242, 2246-2259.	1.5	1
129	Polarization inversion via parametric scattering in quasi-one-dimensional microcavities. <i>Physical Review B</i> , 2005, 71, .	3.2	50
130	Quantum cascade intersubband polariton light emitters. <i>Semiconductor Science and Technology</i> , 2005, 20, 985-990.	2.0	54
131	Spontaneous microcavity-polariton coherence across the parametric threshold: Quantum Monte Carlo studies. <i>Physical Review B</i> , 2005, 72, .	3.2	88
132	Quantum vacuum properties of the intersubband cavity polariton field. <i>Physical Review B</i> , 2005, 72, .	3.2	528
133	Theory of spin transport induced by ferromagnetic proximity on a two-dimensional electron gas. <i>Physical Review B</i> , 2004, 69, .	3.2	13
134	Branch-entangled polariton pairs in planar microcavities and photonic wires. <i>Physical Review B</i> , 2004, 69, .	3.2	92
135	Coherence properties of polaritons in semiconductor microcavities. <i>Physica Status Solidi A</i> , 2004, 201, 381-388.	1.7	3
136	Statistics of polaritons in microcavities. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004, 1, 470-474.	0.8	3
137	Silicon inversion layer with a ferromagnetic gate: A novel spin source (invited). <i>Journal of Applied Physics</i> , 2004, 95, 6625-6629.	2.5	5
138	Probing Microcavity Polariton Superfluidity through Resonant Rayleigh Scattering. <i>Physical Review Letters</i> , 2004, 93, 166401.	7.8	276
139	Polariton amplification in semiconductor microcavities. <i>Physica Status Solidi (B): Basic Research</i> , 2003, 238, 432-438.	1.5	3
140	Coherent Control of Polariton Parametric Scattering in Semiconductor Microcavities. <i>Physical Review Letters</i> , 2003, 91, 107402.	7.8	44
141	Theory of polariton parametric interactions in semiconductor microcavities. <i>Semiconductor Science and Technology</i> , 2003, 18, S279-S293.	2.0	175
142	Statistics of polaritons in the nonlinear regime. <i>Physical Review B</i> , 2003, 68, .	3.2	64
143	Towards a room-temperature polariton amplifier. <i>Semiconductor Science and Technology</i> , 2003, 18, S325-S330.	2.0	4
144	Spin-dependent properties of a two-dimensional electron gas with ferromagnetic gates. <i>Applied Physics Letters</i> , 2002, 81, 4781-4783.	3.3	44

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145	Spin Polarization of Semiconductor Carriers by Reflection off a Ferromagnet. <i>Physical Review Letters</i> , 2002, 89, 156601.	7.8	71
146	Polariton parametric amplification in semiconductor microcavities. <i>Journal of Modern Optics</i> , 2002, 49, 2437-2458.	1.3	3
147	Polariton dynamics and Bose-Einstein condensation in semiconductor microcavities. <i>Physical Review B</i> , 2002, 66, .	3.2	162
148	Quantum Kinetics of Parametric Polariton Scattering in Microcavities. <i>Physica Status Solidi (B): Basic Research</i> , 2002, 234, 183-194.	1.5	1
149	Parametric Matter in Semiconductor Microcavities. <i>Physica Status Solidi A</i> , 2002, 190, 305-313.	1.7	3
150	Towards a Room Temperature Polariton Amplifier. <i>Physica Status Solidi A</i> , 2002, 190, 315-319.	1.7	5
151	Parametric luminescence of microcavity polaritons. <i>Physical Review B</i> , 2001, 63, .	3.2	185
152	Off-branch polaritons and multiple scattering in semiconductor microcavities. <i>Physical Review B</i> , 2001, 64, .	3.2	115
153	Femtosecond dynamics and non-linearities of exciton-photon coupling in semiconductor microstructures. <i>Comptes Rendus Physique</i> , 2001, 2, 1439-1451.	0.1	1
154	High-temperature ultrafast polariton parametric amplification in semiconductor microcavities. <i>Nature</i> , 2001, 414, 731-735.	27.8	355
155	Giant Angle-Resonant Polariton Amplification. <i>Physica Status Solidi (B): Basic Research</i> , 2000, 221, 111-114.	1.5	3
156	The Microcavity AC Stark Triplet: Excitation in the Exciton Continuum. <i>Physica Status Solidi (B): Basic Research</i> , 2000, 221, 127-131.	1.5	0
157	Crossover from Exciton to Biexciton Cavity Polaritons. <i>Physica Status Solidi (B): Basic Research</i> , 2000, 221, 157-162.	1.5	1
158	Net Coherent Optical Gain in Strongly Pumped Semiconductor Microcavities. <i>Physica Status Solidi A</i> , 2000, 178, 139-143.	1.7	0
159	Temporal Coherent Control in Semiconductor Quantum Structures. <i>Physica Status Solidi A</i> , 2000, 178, 373-379.	1.7	4
160	Coherence versus Coulomb Scattering in Resonantly Excited Quantum Wells. <i>Physica Status Solidi A</i> , 2000, 178, 417-422.	1.7	0
161	One-Dimensional Model of Many-Exciton Effects in Photoluminescence Spectra. <i>Physica Status Solidi A</i> , 2000, 178, 435-440.	1.7	1
162	Is Light Absorption by Excitons in Quantum Wells an Intrinsic Process?. <i>Physica Status Solidi A</i> , 2000, 178, 79-82.	1.7	2

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163	Direct observation of the excitonic ac Stark splitting in a quantum well. Physical Review B, 2000, 62, R16322-R16325.	3.2	25
164	Strongly Driven Exciton Resonances in Quantum Wells: Light-Induced Dressing versus Coulomb Scattering. Physical Review Letters, 2000, 84, 1752-1755.	7.8	15
165	Theory of the angle-resonant polariton amplifier. Physical Review B, 2000, 62, R4825-R4828.	3.2	306
166	Crossover from Exciton to Biexciton Polaritons in Semiconductor Microcavities. Physical Review Letters, 2000, 85, 385-388.	7.8	42
167	Direct observation of an ac Stark splitting in semiconductor microcavities excited above the continuum onset. Physical Review B, 2000, 61, R5113-R5116.	3.2	6
168	Excitonic Bloch equations for a two-dimensional system of interacting excitons. Physical Review B, 2000, 61, 13856-13862.	3.2	113
169	Suppression of Exciton-Polariton Light Absorption in Multiple Quantum Well Bragg Structures. Physical Review Letters, 1999, 83, 2837-2840.	7.8	45
170	Strong coherent gain from semiconductor microcavities in the regime of excitonic saturation. Physical Review B, 1999, 59, R15594-R15597.	3.2	20
171	Dressed semiconductor bloch equations: coherence versus Coulomb scattering in resonantly excited quantum wells. Physica B: Condensed Matter, 1999, 272, 335-337.	2.7	0
172	Intrinsic non-linearities in exciton-cavity-coupled systems. Physica B: Condensed Matter, 1999, 272, 472-475.	2.7	3
173	Suppression of exciton polariton light absorption in multiple quantum well Bragg structures. Physica B: Condensed Matter, 1999, 272, 488-490.	2.7	2
174	Theory of the excitonic Mollow spectrum in semiconductors. Solid State Communications, 1998, 107, 715-718.	1.9	8
175	Threshold behavior in the collision broadening of microcavity polaritons. Physical Review B, 1998, 58, R10123-R10126.	3.2	42
176	Role of the exchange of carriers in elastic exciton-exciton scattering in quantum wells. Physical Review B, 1998, 58, 7926-7933.	3.2	357
177	Excitonic resonant self-electro-optic-device configuration in polytype double-quantum-well structures. Physical Review B, 1998, 58, 4599-4604.	3.2	3
178	Optical Nonlinearities of Hybrid Direct Indirect Wannier Excitons in Polytype Double Quantum Well Structures. Physica Status Solidi A, 1997, 164, 387-391.	1.7	4
179	Towards room temperature polariton amplification in semiconductor microcavities. , 0, , .		0
180	Novel parametric phenomena in the strong exciton-photon coupling regime. , 0, , .		0

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181	Polarization controlled parametric oscillation in quasi-one-dimensional microcavities. , 0, , .		0