

Vincenzo Savona

List of Publications by Year in descending order

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185
papers

9,254
citations

57758

44
h-index

39675

94
g-index

190
all docs

190
docs citations

190
times ranked

4815
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum dynamics of dissipative Kerr solitons. <i>Physical Review A</i> , 2022, 105, .	2.5	2
2	Slow-light enhanced frequency combs and dissipative Kerr solitons in silicon coupled-ring microresonators in the telecom band. <i>OSA Continuum</i> , 2021, 4, 1247.	1.8	0
3	Global optimization of an encapsulated Si/SiO ₂ L3 cavity with a 43 million quality factor. <i>Scientific Reports</i> , 2021, 11, 10121.	3.3	8
4	Dissipative time crystal in an asymmetric nonlinear photonic dimer. <i>Physical Review A</i> , 2020, 101, .	2.5	38
5	Monolithic Silicon-Based Nanobeam Cavities for Integrated Nonlinear and Quantum Photonics. <i>Physical Review Applied</i> , 2020, 13, .	3.8	9
6	Gaussian trajectory approach to dissipative phase transitions: The case of quadratically driven photonic lattices. <i>Physical Review Research</i> , 2020, 2, .	3.6	22
7	Simulating frustrated antiferromagnets with quadratically driven QED cavities. <i>Physical Review A</i> , 2019, 100, .	2.5	14
8	Variational Quantum Monte Carlo Method with a Neural-Network Ansatz for Open Quantum Systems. <i>Physical Review Letters</i> , 2019, 122, 250501.	7.8	148
9	Quantum Critical Regime in a Quadratically Driven Nonlinear Photonic Lattice. <i>Physical Review Letters</i> , 2019, 122, 110405.	7.8	77
10	Slow-Light Frequency Combs and Dissipative Kerr Solitons in Coupled-Cavity Waveguides. <i>Physical Review Applied</i> , 2019, 12, .	3.8	7
11	Optimized Si/SiO ₂ nanobeam cavity for linear and non-linear applications. , 2019, , .		0
12	Kerr-frequency combs and dissipative Kerr-solitons in coupled-cavity waveguides. , 2019, , .		0
13	Large-Parameter-Space Optimization of Photonic Crystal Slab Cavities. , 2019, , .		0
14	Finite-Size and Disorder Effects on Slow-Light Propagation in an Extended Photonic Crystal Coupled-Cavity Waveguides with Group-Index Bandwidth Product Exceeding 0.47. , 2018, , .		0
15	Influence of Disorder and Finite-Size Effects on Slow Light Transport in Extended Photonic Crystal Coupled-Cavity Waveguides. <i>ACS Photonics</i> , 2018, 5, 4846-4853.	6.6	7
16	Ultra-wide-band structural slow light. <i>Scientific Reports</i> , 2018, 8, 14811.	3.3	11
17	Driven-dissipative quantum Monte Carlo method for open quantum systems. <i>Physical Review A</i> , 2018, 97, .	2.5	30
18	Observation of the Unconventional Photon Blockade. <i>Physical Review Letters</i> , 2018, 121, 043601.	7.8	163

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19	Disorder effects on the coupling strength of coupled photonic crystal slab cavities. <i>New Journal of Physics</i> , 2018, 20, 075002.	2.9	9
20	Two-Color Pump-Probe Measurement of Photonic Quantum Correlations Mediated by a Single Phonon. <i>Physical Review Letters</i> , 2018, 120, 233601.	7.8	41
21	Probing finite-size effects and disorder in extended slow light photonic crystal coupled-cavity waveguides. , 2018, , .		0
22	Slow light propagation in extended photonic crystal coupled-cavity waveguides featuring a large group index-bandwidth product. , 2018, , .		0
23	Efficient continuous-wave nonlinear frequency conversion in high-Q gallium nitride photonic crystal cavities on silicon. <i>APL Photonics</i> , 2017, 2, .	5.7	38
24	Photonic crystal slab cavity simultaneously optimized for ultra-high Q and vertical radiation coupling. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	36
25	Spontaneous symmetry breaking in a quadratically driven nonlinear photonic lattice. <i>Physical Review A</i> , 2017, 96, .	2.5	45
26	Demonstration of continuous-wave second and third harmonic generation in high-Q gallium nitride photonic crystal cavities. , 2017, , .		0
27	Nonclassical statistics from a polaritonic Josephson junction. <i>Physical Review A</i> , 2017, 95, .	2.5	19
28	Emergent transport in a many-body open system driven by interacting quantum baths. <i>Physical Review B</i> , 2017, 96, .	3.2	5
29	Unconventional photon blockade. <i>Physical Review A</i> , 2017, 96, .	2.5	157
30	Nonequilibrium photonic transport and phase transition in an array of optical cavities. <i>New Journal of Physics</i> , 2017, 19, 115006.	2.9	12
31	Efficient harmonic generation in high-Q gallium nitride photonic crystal cavities on silicon. , 2017, , .		0
32	Single photons from weakly nonlinear photonic structures. , 2017, , .		0
33	Broadband slow light in genetically optimized coupled-cavity waveguides with GBP exceeding 0.45. , 2017, , .		0
34	Single Photons from Weakly Nonlinear Photonic Structures. , 2016, , .		0
35	Haldane quantum Hall effect for light in a dynamically modulated array of resonators. <i>Optica</i> , 2016, 3, 200.	9.3	34
36	A compact, integrated silicon device for the generation of spectrally filtered, pair-correlated photons. <i>Journal of Optics (United Kingdom)</i> , 2016, 18, 054012.	2.2	9

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37	Single photons from dissipation in coupled cavities. <i>Physical Review A</i> , 2016, 94, .	2.5	40
38	Laser from a many-body correlated medium. <i>Physical Review B</i> , 2016, 93, .	3.2	6
39	Matrix-product-operator approach to the nonequilibrium steady state of driven-dissipative quantum arrays. <i>Physical Review A</i> , 2015, 92, .	2.5	97
40	Remote macroscopic entanglement on a photonic crystal architecture. <i>Physical Review A</i> , 2015, 92, .	2.5	11
41	Automated Optimization of Photonic Crystals for Broadband Slow Light and Ultra-High-Q Cavities. , 2015, , .		0
42	An all-silicon single-photon source by unconventional photon blockade. <i>Scientific Reports</i> , 2015, 5, 11223.	3.3	54
43	GaN L3 Photonic Crystal Cavities With an Average Quality Factor in Excess of 16000 in the Near Infrared. , 2015, , .		1
44	Wide-band slow light in compact photonic crystal coupled-cavity waveguides. <i>Optica</i> , 2015, 2, 631.	9.3	48
45	A Wide-band Slow Light Regime Realized by Genetic Photonic Crystal Coupled Resonator Waveguides. , 2015, , .		0
46	High-Q silicon photonic crystal cavity for enhanced optical nonlinearities. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	38
47	Genetically designed L3 photonic crystal nanocavities with measured quality factor exceeding one million. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	108
48	Heralded Preparation and Readout of Entangled Phonons in a Photonic Crystal Cavity. <i>Physical Review Letters</i> , 2014, 113, 143603.	7.8	35
49	Gallium nitride L3 photonic crystal cavities with an average quality factor of 16×10^9 in the near infrared. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	28
50	Global optimization of ultrahigh-Q H0 photonic crystal nanocavity in silicon. , 2014, , .		0
51	Unconventional photon blockade in doubly resonant microcavities with second-order nonlinearity. <i>Physical Review A</i> , 2014, 89, .	2.5	119
52	Superfluid-insulator transition of two-dimensional disordered Bose gases. <i>Physical Review A</i> , 2014, 90, .	2.5	10
53	Proposal for a single-photon silicon device based on the unconventional photon blockade. , 2014, , .		0
54	Design-specific global optimization of a variety of photonic crystal cavities. , 2014, , .		0

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55	Optimizing doubly resonant photonic crystal cavity modes for second harmonic generation. , 2014, , .		3
56	Automated optimization of photonic crystal slab cavities. Scientific Reports, 2014, 4, 5124.	3.3	120
57	L3 Photonic Crystal Nanocavities with Measured Q-factor Exceeding One Million. , 2014, , .		0
58	Long-distance radiative excitation transfer between quantum dots in disordered photonic crystal waveguides. Physical Review B, 2013, 88, .	3.2	11
59	Radiative coupling of quantum dots in photonic crystal structures. Physical Review B, 2013, 87, .	3.2	28
60	Input-output theory of the unconventional photon blockade. Physical Review A, 2013, 88, .	2.5	87
61	Spontaneous self-ordered states of vortex-antivortex pairs in a polariton condensate. Physical Review B, 2013, 88, .	3.2	37
62	Multimode entanglement in coupled cavity arrays. New Journal of Physics, 2013, 15, 025015.	2.9	36
63	Statistics of the disorder-induced losses of high-Q photonic crystal cavities. Optics Express, 2013, 21, 28233.	3.4	57
64	Superfluidâ€“insulator transition in weakly interacting disordered Bose gases: a kernel polynomial approach. New Journal of Physics, 2013, 15, 045006.	2.9	2
65	Optimal antibunching in passive photonic devices based on coupled nonlinear resonators. New Journal of Physics, 2013, 15, 025012.	2.9	98
66	Radiative coupling of quantum dots in a disordered Photonic Crystal waveguide. , 2013, , .		0
67	Effect of hole-shape irregularities on photonic crystal waveguides. Optics Letters, 2012, 37, 3108.	3.3	16
68	Quantum entanglement in nanocavity arrays. Physical Review A, 2012, 85, .	2.5	26
69	Photoluminescence from a quantum dot-cavity system. , 2012, , 332-368.		0
70	Dissociation dynamics of singly charged vortices into half-quantum vortex pairs. Nature Communications, 2012, 3, 1309.	12.8	46
71	Quantum Correlated Photons in Arrays of Weakly Nonlinear Cavities. , 2012, , .		0
72	Truncated Wigner Approximation for Nonequilibrium Polariton Quantum Fluids. Springer Series in Solid-state Sciences, 2012, , 267-288.	0.3	0

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73	Electromagnetic modes of a disordered photonic crystal. <i>Physical Review B</i> , 2011, 83, .	3.2	58
74	Polariton quantum optics and quantum collective phenomena: Overview and perspectives. , 2011, , .		1
75	Probing the Dynamics of Spontaneous Quantum Vortices in Polariton Superfluids. <i>Physical Review Letters</i> , 2011, 106, 115301.	7.8	110
76	Optically Erasing Disorder in Semiconductor Microcavities with Dynamic Nuclear Polarization. <i>Physical Review Letters</i> , 2011, 106, 146404.	7.8	5
77	Phonon-mediated exciton-photon coupling in site-controlled quantum-dot-nanocavity systems. , 2011, , .		0
78	Active semiconductor nanophotonics based on deterministic quantum wire and dot systems. <i>Proceedings of SPIE</i> , 2011, , .	0.8	0
79	Coherent coupling between distant excitons revealed by two-dimensional nonlinear hyperspectral imaging. <i>Nature Photonics</i> , 2011, 5, 57-63.	31.4	78
80	Phonon-Mediated Coupling of $\text{InGaAs}/\text{MoS}_2/\text{GaAs}/\text{QuantumDot}$ Excitons to Photonic Crystal Cavities. <i>Physical Review Letters</i> , 2011, 106, 227402.		85
81	Polariton Condensation in a One-Dimensional Disordered Potential. <i>Physical Review Letters</i> , 2011, 106, 176401.	7.8	46
82	Multipartite polariton entanglement in semiconductor microcavities. <i>Physical Review A</i> , 2011, 84, .	2.5	18
83	Fragmentation and the Bose-glass phase transition of the disordered one-dimensional Bose gas. <i>Physical Review A</i> , 2011, 83, .	2.5	11
84	Emergent entanglement of microcavity polariton pairs. <i>Journal of Physics: Conference Series</i> , 2010, 210, 012033.	0.4	4
85	Polariton Quantum Optics. , 2010, , .		0
86	Mean-field phase diagram of the one-dimensional Bose gas in a disorder potential. <i>Physical Review A</i> , 2010, 81, .	2.5	23
87	Superfluidity of a nonequilibrium Bose-Einstein condensate of polaritons. <i>Physical Review B</i> , 2010, 81, .	3.2	33
88	Energy relaxation in one-dimensional polariton condensates. <i>Physical Review B</i> , 2010, 82, .	3.2	84
89	Single Photons from Coupled Quantum Modes. <i>Physical Review Letters</i> , 2010, 104, 183601.	7.8	336
90	Linear spectrum of a quantum dot coupled to a nanocavity. <i>Physical Review B</i> , 2010, 81, .	3.2	32

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91	Enhancement of microcavity polariton relaxation under confinement. <i>Physical Review B</i> , 2009, 79, .	3.2	24
92	Coherent optical control of the wave function of zero-dimensional exciton polaritons. <i>Physical Review B</i> , 2009, 80, .	3.2	39
93	Superfluid to Bose-Glass Transition in a 1D Weakly Interacting Bose Gas. <i>Physical Review Letters</i> , 2009, 103, 030403.	7.8	38
94	Polariton parametric photoluminescence in spatially inhomogeneous systems. <i>Physical Review B</i> , 2009, 79, .	3.2	10
95	Explanation of Photon Correlations in the Far-Off-Resonance Optical Emission from a Quantum-Dotâ€‘Cavity System. <i>Physical Review Letters</i> , 2009, 103, 207403.	7.8	182
96	Monte Carlo model for the photoluminescence kinetics of a quantum dot embedded in a nanocavity. <i>Journal of Physics: Conference Series</i> , 2009, 193, 012124.	0.4	0
97	Emergence of entanglement out of a noisy environment: The case of microcavity polaritons. <i>Europhysics Letters</i> , 2009, 88, 20003.	2.0	25
98	Emission spectrum of a quantum dot embedded in a nanocavity. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 902-905.	0.8	11
99	Stochastic classical field model for polariton condensates. <i>Physical Review B</i> , 2009, 79, .	3.2	103
100	Thermodynamics and linear response of a Boseâ€‘Einstein condensate of microcavity polaritons. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2008, 5, 2420-2428.	0.8	1
101	Ultralongâ€‘range radiative excitation transfer between quantum dots in a planar microcavity. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 1085-1088.	1.5	10
102	Parametric photoluminescence of spatially confined polaritons in patterned microcavities. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 1089-1092.	1.5	6
103	Coherent dynamics and parametric instabilities of microcavity polaritons in double-well systems. <i>Physical Review B</i> , 2008, 77, .	3.2	90
104	Spectrum and thermal fluctuations of a microcavity polariton Bose-Einstein condensate. <i>Physical Review B</i> , 2008, 77, .	3.2	19
105	Kinetics of the Bose-Einstein condensation of microcavity polaritons. <i>Proceedings of SPIE</i> , 2008, , .	0.8	1
106	Long-range order in the Bose-Einstein condensation of polaritons. <i>Physical Review B</i> , 2007, 75, .	3.2	42
107	Kinetics of quantum fluctuations in polariton Bose Einstein condensation. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
108	Effect of interface disorder on quantum well excitons and microcavity polaritons. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 295208.	1.8	53

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109	Towards thermal equilibrium in the Bose-Einstein condensation of microcavity polaritons. Solid State Communications, 2007, 144, 371-377.	1.9	9
110	Long-range radiative interaction between semiconductor quantum dots. Superlattices and Microstructures, 2007, 41, 337-340.	3.1	5
111	Realistic heterointerface model for excitonic states in growth-interrupted GaAs quantum wells. Physical Review B, 2006, 74, .	3.2	50
112	Engineering the spatial confinement of exciton polaritons in semiconductors. Physical Review B, 2006, 74, .	3.2	135
113	Theory of trapped polaritons in patterned microcavities. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 2428-2431.	0.8	16
114	Collective excitation kinetics in the condensation of polaritons. Physica Status Solidi (B): Basic Research, 2006, 243, 2317-2321.	1.5	10
115	Zero dimensional exciton-polaritons. Physica Status Solidi (B): Basic Research, 2006, 243, 2311-2316.	1.5	14
116	Bose-Einstein condensation of exciton polaritons. Nature, 2006, 443, 409-414.	27.8	2,564
117	Long-range radiative interaction between semiconductor quantum dots. Physical Review B, 2005, 71, .	3.2	51
118	Bose-Einstein condensation of microcavity polaritons. Physica Status Solidi (B): Basic Research, 2005, 242, 2290-2301.	1.5	10
119	Onset of coherent photoluminescence in semiconductor microcavities. Physical Review B, 2005, 71, .	3.2	13
120	Localization-Dependent Photoluminescence Spectrum of Biexcitons in Semiconductor Quantum Wires. Physical Review Letters, 2005, 95, 177404.	7.8	13
121	Quantum Complementarity of Microcavity Polaritons. Physical Review Letters, 2005, 94, .	7.8	94
122	Modeling the photoluminescence lifetime in realistic quantum wires. Physical Review B, 2004, 69, .	3.2	14
123	Exciton relaxation and level repulsion in GaAs/AlxGa1-xAs quantum wires. Physical Review B, 2004, 69, .	3.2	11
124	Near-field autocorrelation spectroscopy of disordered semiconductor quantum wells. Physical Review B, 2004, 69, .	3.2	14
125	Temperature dependence of the photoluminescence lifetime in disordered quantumwires. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 442-445.	0.8	0
126	Determining the structure of semiconductor heterointerfaces by excitonic optical spectra. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 501-505.	0.8	4

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127	Photoluminescence spectra and level repulsion in quantum wires. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 506-509.	0.8	1
128	Level repulsion of exciton states in disordered semiconductor nanostructures. Physica Status Solidi (B): Basic Research, 2003, 238, 478-485.	1.5	13
129	Level-statistics in the resonant Rayleigh scattering dynamics of monolayer-split excitons. Physica Status Solidi (B): Basic Research, 2003, 238, 486-493.	1.5	10
130	Exciton relaxation and level repulsion in quantum wires. Physica Status Solidi C: Current Topics in Solid State Physics, 2003, 0, 1417-1420.	0.8	4
131	Theory of resonant secondary emission. , 2003, , 89-165.		19
132	Resonant Rayleigh scattering dynamics of excitons in single quantum wells. Physical Review B, 2003, 68, .	3.2	17
133	Enhanced Resonant Backscattering of Excitons in Disordered Quantum Wells. Physical Review Letters, 2002, 89, 157401.	7.8	26
134	Two Decades of Secondary Emission in Quantum Wells. Physica Status Solidi (B): Basic Research, 2002, 234, 96-106.	1.5	3
135	Level Repulsion of Localized Excitons in Disordered Quantum Wells. Physica Status Solidi A, 2002, 190, 625-629.	1.7	5
136	Near-field spectroscopy of a coupled wire-dot nanostructure grown on (311)A GaAs. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2002, 91-92, 105-114.	3.5	1
137	Quantum mechanical repulsion of exciton levels in a disordered quantum well evidenced by near-field spectroscopy. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 13, 178-181.	2.7	1
138	Two Decades of Secondary Emission in Quantum Wells. , 2002, 234, 96.		1
139	Quantum Mechanical Repulsion of Exciton Levels in a Disordered Quantum Well. Physical Review Letters, 2001, 87, 076801.	7.8	88
140	Speckle-averaged resonant Rayleigh scattering from quantum well excitons. Springer Proceedings in Physics, 2001, , 605-606.	0.2	0
141	Theory of Ultrafast Rayleigh Scattering in Semiconductor Quantum Wells. Physica Status Solidi (B): Basic Research, 2000, 221, 365-371.	1.5	4
142	Resonant Rayleigh Scattering on Quantum Well Excitons: Theory and Experiment. Physica Status Solidi A, 2000, 178, 21-26.	1.7	2
143	Coherence versus Coulomb Scattering in Resonantly Excited Quantum Wells. Physica Status Solidi A, 2000, 178, 417-422.	1.7	0
144	One-Dimensional Model of Many-Exciton Effects in Photoluminescence Spectra. Physica Status Solidi A, 2000, 178, 435-440.	1.7	1

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145	Interferometric analysis of resonant Rayleigh scattering from two-dimensional excitons. Physical Review B, 2000, 61, R5109-R5112.	3.2	24
146	Enhanced resonant backscattering of light from quantum-well excitons. Physical Review B, 2000, 62, R4805-R4808.	3.2	22
147	Strongly Driven Exciton Resonances in Quantum Wells: Light-Induced Dressing versus Coulomb Scattering. Physical Review Letters, 2000, 84, 1752-1755.	7.8	15
148	Optical Signatures of Energy-Level Statistics in a Disordered Quantum System. Physical Review Letters, 2000, 84, 183-186.	7.8	49
149	Speckle-averaged resonant Rayleigh scattering from quantum-well excitons. Physical Review B, 2000, 62, 6952-6955.	3.2	15
150	Excitonic Bloch equations for a two-dimensional system of interacting excitons. Physical Review B, 2000, 61, 13856-13862.	3.2	113
151	Time-resolved Rayleigh scattering of excitons: Evidence for level repulsion in a disordered system. Physical Review B, 1999, 60, 4928-4936.	3.2	85
152	Dressed semiconductor Bloch equations: coherence versus Coulomb scattering in resonantly excited quantum wells. Physica B: Condensed Matter, 1999, 272, 335-337.	2.7	0
153	Optical properties of microcavity polaritons. Phase Transitions, 1999, 68, 169-279.	1.3	85
154	Time- and phase-resolved resonant Rayleigh scattering by Wannier excitons in a 2D potential with disorder. , 1999, , 433-442.		1
155	<title>Excitonic dephasing effects studied by time- and phase-resolved secondary emission</title> . , 1999, , .		0
156	Linear optical properties of semiconductor microcavities with embedded quantum wells. , 1999, , 173-242.		14
157	Strong coupling of exciton-polaritons in semiconductor microcavities. Journal of Crystal Growth, 1998, 184-185, 737-744.	1.5	7
158	Threshold behavior in the collision broadening of microcavity polaritons. Physical Review B, 1998, 58, R10123-R10126.	3.2	42
159	Role of the exchange of carriers in elastic exciton-exciton scattering in quantum wells. Physical Review B, 1998, 58, 7926-7933.	3.2	357
160	Microscopic Theory of Motional Narrowing of Microcavity Polaritons in a Disordered Potential. Physical Review Letters, 1997, 78, 4470-4473.	7.8	98
161	Bottleneck effects in the relaxation and photoluminescence of microcavity polaritons. Physical Review B, 1997, 56, 7554-7563.	3.2	282
162	Exciton formation rates in GaAs/Al _x Ga _{1-x} As quantum wells. Physical Review B, 1997, 55, 1333-1336.	3.2	74

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163	Role of Carrier-Phonon Interaction on the Exciton Formation in Quantum Wells. <i>Physica Status Solidi (B): Basic Research</i> , 1997, 204, 191-194.	1.5	2
164	Photoluminescence and Carrier Dynamics in GaAs Quantum Wells. <i>Physica Status Solidi A</i> , 1997, 164, 221-225.	1.7	7
165	Microcavity Polaritons: Homogeneous and Inhomogeneous Broadening in the Strong Coupling Regime. <i>Physica Status Solidi A</i> , 1997, 164, 45-51.	1.7	36
166	Theory of polariton photoluminescence in arbitrary semiconductor microcavity structures. <i>Physical Review B</i> , 1996, 53, 13051-13062.	3.2	75
167	Photoluminescence decay times in strong-coupling semiconductor microcavities. <i>Physical Review B</i> , 1996, 53, R7642-R7645.	3.2	69
168	Nonequilibrium dynamics of free quantum-well excitons in time-resolved photoluminescence. <i>Physical Review B</i> , 1996, 53, 15834-15841.	3.2	106
169	Theory of time-resolved light emission from polaritons in a semiconductor microcavity under resonant excitation. <i>Physical Review B</i> , 1996, 54, 10835-10840.	3.2	47
170	Solid State Physics: Basic and Optical Properties. , 1996, , 143-180.		0
171	Effect of the scattering by phonons on the temperature dependence of the free QW exciton radiative lifetimes. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1995, 17, 1663-1667.	0.4	4
172	Light emission from quantum well excitons in semiconductor microcavities. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1995, 17, 1713-1716.	0.4	0
173	Quantum well excitons in semiconductor microcavities: Unified treatment of weak and strong coupling regimes. <i>Solid State Communications</i> , 1995, 93, 733-739.	1.9	471
174	Exact quantum calculation of polariton dispersion in semiconductor microcavities. <i>Solid State Communications</i> , 1995, 95, 673-678.	1.9	45
175	Near-infrared transitions in iron-based diluted magnetic semiconductors: Effect of strong electron-phonon coupling. <i>Physical Review B</i> , 1994, 49, 2408-2417.	3.2	13
176	Polaritons in confined systems. <i>Journal of Statistical Physics</i> , 1994, 76, 299-305.	1.2	13
177	Polaritons in high reflectivity microcavities: semiclassical and full quantum treatment of optical properties. <i>Superlattices and Microstructures</i> , 1994, 15, 453-458.	3.1	38
178	Quantum theory of quantum-well polaritons in semiconductor microcavities. <i>Physical Review B</i> , 1994, 49, 8774-8779.	3.2	105
179	Squeezed polaritons in confined systems. <i>European Physical Journal Special Topics</i> , 1993, 03, 393-396.	0.2	5
180	Speckle-averaged resonant Rayleigh scattering from quantum well excitons. , 0, , .		0

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181	Near-field imaging and spectroscopy of localized and delocalized excitons in semiconductor nanostructures. , 0, , .		0
182	Fifteen Years of Microcavity Polaritons. , 0, , 1-29.		0
183	Boseâ€Einstein Condensation of Microcavity Polaritons. , 0, , 211-226.		0
184	A quantum algorithm for the direct estimation of the steady state of open quantum systems. Quantum - the Open Journal for Quantum Science, 0, 5, 399.	0.0	7
185	A nonequilibrium quantum phase transition in strongly coupled spin chains. Quantum - the Open Journal for Quantum Science, 0, 1, 40.	0.0	9