

Romuald Houdr

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211 papers	9,160 citations	52 h-index	89 g-index
245 ext. papers	10,394 ext. citations	3.7 avg, IF	5.42 L-index

#	Paper	IF	Citations
211	Superfluidity of polaritons in semiconductor microcavities. <i>Nature Physics</i> , 2009 , 5, 805-810	16.2	628
210	Measurement of cavity-polariton dispersion curve from angle resolved photoluminescence experiments. <i>Physical Review Letters</i> , 1994 , 73, 2043-2046	7.4	364
209	Polariton superfluids reveal quantum hydrodynamic solitons. <i>Science</i> , 2011 , 332, 1167-70	33.3	318
208	All-optical polariton transistor. <i>Nature Communications</i> , 2013 , 4, 1778	17.4	310
207	Exciton-polariton spin switches. <i>Nature Photonics</i> , 2010 , 4, 361-366	33.9	256
206	Optical investigation of highly strained InGaAs-GaAs multiple quantum wells. <i>Journal of Applied Physics</i> , 1987 , 62, 3366-3373	2.5	231
205	Vacuum-field Rabi splitting in the presence of inhomogeneous broadening: Resolution of a homogeneous linewidth in an inhomogeneously broadened system. <i>Physical Review A</i> , 1996 , 53, 2711-2715	2.6	217
204	Room-temperature cavity polaritons in a semiconductor microcavity. <i>Physical Review B</i> , 1994 , 49, 16761-16764	3.5	188
203	Optical and confinement properties of two-dimensional photonic crystals. <i>Journal of Lightwave Technology</i> , 1999 , 17, 2063-2077	4	176
202	Quantitative Measurement of Transmission, Reflection, and Diffraction of Two-Dimensional Photonic Band Gap Structures at Near-Infrared Wavelengths. <i>Physical Review Letters</i> , 1997 , 79, 4147-4150	7.4	173
201	Saturation of the strong-coupling regime in a semiconductor microcavity: Free-carrier bleaching of cavity polaritons. <i>Physical Review B</i> , 1995 , 52, 7810-7813	3.3	172
200	Off-chip beam steering with a one-dimensional optical phased array on silicon-on-insulator. <i>Optics Letters</i> , 2009 , 34, 1477-9	3	162
199	Refractive index sensing with an air-slot photonic crystal nanocavity. <i>Optics Letters</i> , 2010 , 35, 2523-5	3	150
198	Low-loss channel waveguides with two-dimensional photonic crystal boundaries. <i>Applied Physics Letters</i> , 2000 , 77, 2813-2815	3.4	137
197	Miniband transmission in a photonic crystal coupled-resonator optical waveguide. <i>Optics Letters</i> , 2001 , 26, 1019-21	3	137
196	Coupled semiconductor microcavities. <i>Applied Physics Letters</i> , 1994 , 65, 2093-2095	3.4	122
195	All-optical control of the quantum flow of a polariton condensate. <i>Nature Photonics</i> , 2011 , 5, 610-614	33.9	120

194	Self-collimating photonic crystal polarization beam splitter. <i>Optics Letters</i> , 2007 , 32, 530-2	3	119
193	Mini-stopbands of a one-dimensional system: The channel waveguide in a two-dimensional photonic crystal. <i>Physical Review B</i> , 2001 , 63,	3.3	118
192	Effect of in situ and ex situ annealing on dislocations in GaAs on Si substrates. <i>Applied Physics Letters</i> , 1987 , 50, 992-994	3.4	117
191	Cavity-polariton photoluminescence in semiconductor microcavities: Experimental evidence. <i>Physical Review B</i> , 1996 , 53, 10995-11007	3.3	107
190	Nonlinear emission of semiconductor microcavities in the strong coupling regime. <i>Physical Review Letters</i> , 2000 , 85, 2793-6	7.4	103
189	Influence of Structural Disorder and Light Coupling on the Excitonic Response of Semiconductor Microcavities. <i>Physical Review Letters</i> , 1998 , 80, 4795-4798	7.4	98
188	Island formation in ultra-thin InAs/InP quantum wells grown by chemical beam epitaxy. <i>Applied Physics Letters</i> , 1991 , 59, 3018-3020	3.4	97
187	Ultrahigh finesse microcavity with distributed Bragg reflectors. <i>Applied Physics Letters</i> , 1994 , 65, 1883-1885	3.4	92
186	Coupled-mode theory and propagation losses in photonic crystal waveguides. <i>Optics Express</i> , 2003 , 11, 1490-6	3.3	87
185	Dual-wavelength laser emission from a coupled semiconductor microcavity. <i>Applied Physics Letters</i> , 1997 , 71, 864-866	3.4	86
184	Tuning InAs/GaAs quantum dot properties under Stranski-Krastanov growth mode for 1.3 μm applications. <i>Journal of Applied Physics</i> , 2002 , 91, 6710	2.5	85
183	Light engineering of the polariton landscape in semiconductor microcavities. <i>Physical Review B</i> , 2010 , 82,	3.3	84
182	From Fermi's Golden Rule to the Vacuum Rabi Splitting: Magnetopolaritons in a Semiconductor Optical Microcavity. <i>Physical Review Letters</i> , 1995 , 74, 3967-3970	7.4	83
181	Overview of fundamentals and applications of electrons, excitons and photons in confined structures. <i>Journal of Luminescence</i> , 2000 , 85, 271-293	3.8	82
180	Observation of backaction and self-induced trapping in a planar hollow photonic crystal cavity. <i>Physical Review Letters</i> , 2013 , 110, 123601	7.4	81
179	Finely resolved transmission spectra and band structure of two-dimensional photonic crystals using emission from InAs quantum dots. <i>Physical Review B</i> , 1999 , 59, 1649-1652	3.3	80
178	Coupled guide and cavity in a two-dimensional photonic crystal. <i>Applied Physics Letters</i> , 2001 , 78, 1487-1489	3.4	76
177	Time-resolved optical characterization of InAs/InGaAs quantum dots emitting at 1.3 μm . <i>Applied Physics Letters</i> , 2000 , 76, 3430-3432	3.4	74

176	Spontaneous emission enhancement of quantum dots in a photonic crystal wire. <i>Physical Review Letters</i> , 2005 , 95, 183901	7.4	73
175	Temperature tuning of the optical properties of planar photonic crystal microcavities. <i>Applied Physics Letters</i> , 2004 , 84, 846-848	3.4	71
174	Terahertz photonic crystal quantum cascade lasers. <i>Optics Express</i> , 2007 , 15, 16818-27	3.3	70
173	Diode-pumped broadband vertical-external-cavity surface-emitting semiconductor laser applied to high-sensitivity intracavity absorption spectroscopy. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2000 , 17, 1589	1.7	69
172	Squeezing in semiconductor microcavities in the strong-coupling regime. <i>Physical Review A</i> , 2004 , 69,	2.6	67
171	Coherence effects in light scattering of two-dimensional photonic disordered systems: Elastic scattering of cavity polaritons. <i>Physical Review B</i> , 2000 , 61, R13333-R13336	3.3	65
170	Radiation losses in planar photonic crystals: two-dimensional representation of hole depth and shape by an imaginary dielectric constant. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2003 , 20, 469	1.7	63
169	Parametric polariton amplification in semiconductor microcavities. <i>Physical Review Letters</i> , 2001 , 87, 127403	7.4	63
168	Strongly Driven Semiconductor Microcavities: From the Polariton Doublet to an ac Stark Triplet. <i>Physical Review Letters</i> , 1998 , 80, 4733-4736	7.4	63
167	Use of guided spontaneous emission of a semiconductor to probe the optical properties of two-dimensional photonic crystals. <i>Applied Physics Letters</i> , 1997 , 71, 738-740	3.4	60
166	Exploring light propagating in photonic crystals with Fourier optics. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2007 , 24, 2964	1.7	60
165	Omnidirectional and compact guided light extraction from Archimedean photonic lattices. <i>Applied Physics Letters</i> , 2003 , 83, 1283-1285	3.4	57
164	Fabrication of low loss two-dimensional InP photonic crystals by inductively coupled plasma etching. <i>Journal of Applied Physics</i> , 2004 , 95, 2242-2245	2.5	56
163	Toward ultrahigh-efficiency aluminum oxide microcavity light-emitting diodes: guided mode extraction by photonic crystals. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2002 , 8, 238-247	3.8	56
162	Impurity modes in one-dimensional periodic systems: The transition from photonic band gaps to microcavities. <i>Physical Review A</i> , 1993 , 48, 2246-2250	2.6	55
161	Spectral tuning and near-field imaging of photonic crystal microcavities. <i>Physical Review B</i> , 2008 , 78,	3.3	54
160	Light transport regimes in slow light photonic crystal waveguides. <i>Physical Review B</i> , 2009 , 80,	3.3	52
159	High-finesse disk microcavity based on a circular Bragg reflector. <i>Applied Physics Letters</i> , 1998 , 73, 1314-1316	3.1	51

158	High quality factor two dimensional GaN photonic crystal cavity membranes grown on silicon substrate. <i>Applied Physics Letters</i> , 2012 , 100, 071103	3.4	50
157	Spin rings in bistable planar semiconductor microcavities. <i>Physical Review Letters</i> , 2010 , 105, 216403	7.4	50
156	Small optical volume terahertz emitting microdisk quantum cascade lasers. <i>Applied Physics Letters</i> , 2007 , 90, 141114	3.4	48
155	Optical study of two-dimensional InP-based photonic crystals by internal light source technique. <i>IEEE Journal of Quantum Electronics</i> , 2002 , 38, 786-799	2	48
154	Excitonic absorption in modulation-doped GaAs/AlxGa. <i>Physical Review B</i> , 1988 , 38, 1246-1250	3.3	48
153	Integrated photonics on silicon with wide bandgap GaN semiconductor. <i>Applied Physics Letters</i> , 2013 , 102, 081120	3.4	47
152	Terahertz quantum cascade lasers based on two-dimensional photonic crystal resonators. <i>Optics Express</i> , 2008 , 16, 5206-17	3.3	47
151	Design, fabrication and optical characterization of quantum cascade lasers at terahertz frequencies using photonic crystal reflectors. <i>Optics Express</i> , 2005 , 13, 8960-8	3.3	46
150	Coherent exciton-photon dynamics in semiconductor microcavities: The influence of inhomogeneous broadening. <i>Physical Review B</i> , 1997 , 55, 7084-7090	3.3	45
149	Early stages of continuous wave experiments on cavity-polaritons. <i>Physica Status Solidi (B): Basic Research</i> , 2005 , 242, 2167-2196	1.3	45
148	Statistics of the disorder-induced losses of high-Q photonic crystal cavities. <i>Optics Express</i> , 2013 , 21, 28233-45	3.3	44
147	Near-infrared microcavities confined by two-dimensional photonic bandgap crystals. <i>Electronics Letters</i> , 1999 , 35, 228	1.1	44
146	Resonant and nonresonant transmission through waveguide bends in a planar photonic crystal. <i>Applied Physics Letters</i> , 2001 , 79, 2514-2516	3.4	43
145	Single particle detection, manipulation and analysis with resonant optical trapping in photonic crystals. <i>Lab on A Chip</i> , 2013 , 13, 3268-74	7.2	42
144	Fourier analysis of Bloch wave propagation in photonic crystals. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2005 , 22, 1179	1.7	40
143	Models and measurements for the transmission of submicron-width waveguide bends defined in two-dimensional photonic crystals. <i>IEEE Journal of Quantum Electronics</i> , 2002 , 38, 770-785	2	38
142	Resonant Rayleigh scattering versus incoherent luminescence in semiconductor microcavities. <i>Physical Review B</i> , 1998 , 58, R10175-R10178	3.3	38
141	Improved 60/spl deg/ bend transmission of submicron-width waveguides defined in two-dimensional photonic crystals. <i>Journal of Lightwave Technology</i> , 2002 , 20, 1198-1203	4	35

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- ¹³⁹ Experimental observation of slow mode dispersion in photonic crystal coupled-cavity waveguides. *Optics Letters*, **2009**, 34, 359-61 3 33
- ¹³⁸ Planar photonic crystals infiltrated with liquid crystals: optical characterization of molecule orientation. *Optics Letters*, **2006**, 31, 1238-40 3 33
- ¹³⁷ Diffraction efficiency and guided light control by two-dimensional photonic-bandgap lattices. *IEEE Journal of Quantum Electronics*, **1999**, 35, 1045-1052 2 32
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- ¹³⁵ Dynamics of island formation in the growth of InAs/InP quantum wells. *Journal of Crystal Growth*, **1994**, 136, 278-281 1.6 32
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- ¹³² Hole depth- and shape-induced radiation losses in two-dimensional photonic crystals. *Applied Physics Letters*, **2003**, 82, 1009-1011 3.4 30
- ¹³¹ Spin-polarized photoemission from AlGaAs/GaAs heterojunction: A convenient highly polarized electron source. *Applied Physics Letters*, **1989**, 54, 632-634 3.4 29
- ¹³⁰ Photoemission from a superlattice and a single quantum well. *Physical Review Letters*, **1985**, 55, 734-737 7.4 28
- ¹²⁹ Efficient continuous-wave nonlinear frequency conversion in high-Q gallium nitride photonic crystal cavities on silicon. *APL Photonics*, **2017**, 2, 031301 5.2 27
- ¹²⁸ Resonant photoluminescence of semiconductor microcavities: The role of acoustic phonons in polariton relaxation. *Physical Review B*, **1997**, 55, R4867-R4870 3.3 27
- ¹²⁷ Complex-coupled photonic crystal THz lasers with independent loss and refractive index modulation. *Optics Express*, **2011**, 19, 10707-13 3.3 26
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121	Structural and electrooptical characteristics of quantum dots emitting at 1.3 μm on gallium arsenide. <i>IEEE Journal of Quantum Electronics</i> , 2001 , 37, 1050-1058	2	25
120	Disorder-induced losses in planar photonic crystals. <i>Optics Letters</i> , 2006 , 31, 1426-8	3	24
119	Fabrication of two-dimensional InP-based photonic crystals by chlorine based chemically assisted ion beam etching. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2004 , 22, 707		24
118	Artificial band discontinuities at GaAs homojunctions. <i>Physical Review B</i> , 1993 , 47, 6455-6459	3.3	24
117	Resonant Raman studies of confined LO modes and interface modes in a small-period GaAs/AlAs superlattice. <i>Physical Review B</i> , 1989 , 39, 1696-1702	3.3	24
116	Near-infrared characterization of gallium nitride photonic-crystal waveguides and cavities. <i>Optics Letters</i> , 2012 , 37, 4588-90	3	23
115	Dispersion properties of silicon nanophotonic waveguides investigated with Fourier optics. <i>Optics Letters</i> , 2007 , 32, 2723-5	3	23
114	In-plane microcavity resonators with two-dimensional photonic bandgap mirrors. <i>IEE Proceedings: Optoelectronics</i> , 1998 , 145, 373-378		22
113	Liquid crystal infiltration of InP-based planar photonic crystals. <i>Journal of Applied Physics</i> , 2006 , 99, 103105	1.5	22
112	Directionally dependent confinement in photonic-crystal microcavities. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2000 , 17, 2043	1.7	22
111	Observation of the integer quantum Hall effect by magnetic coupling to a Corbino ring. <i>Physical Review B</i> , 1995 , 51, 9752-9756	3.3	22
110	Strain and alloying effects on the electronic and vibrational properties of In _y Al _{1-y} As on InP. <i>Journal of Applied Physics</i> , 1995 , 78, 470-477	2.5	22
109	. <i>IEEE Transactions on Instrumentation and Measurement</i> , 1995 , 44, 254-257	5.2	22
108	Design and fabrication technology for high performance electrical pumped terahertz photonic crystal band edge lasers with complete photonic band gap. <i>Journal of Applied Physics</i> , 2010 , 108, 093104	2.5	21
107	Diffraction of cylindrical Bragg reflectors surrounding an in-plane semiconductor microcavity. <i>Physical Review B</i> , 2000 , 61, 4806-4812	3.3	21
106	Influence of residual disorder on the anticrossing of Bloch modes probed in k space. <i>Physical Review B</i> , 2008 , 78,	3.3	20
105	Cathodoluminescence investigations of three-dimensional island formation in InAsInP quantum wells. <i>Journal of Crystal Growth</i> , 1995 , 147, 27-34	1.6	20

104	Formation and optical properties of islands in ultra-thin InAs/InP quantum wells grown by chemical beam epitaxy. <i>Superlattices and Microstructures</i> , 1993 , 13, 67-70	2.8	20
103	Magnetopolaritons in a semiconductor quantum well microcavity. <i>Physical Review B</i> , 1997 , 56, 4068-4074	3.3	18
102	Grating-assisted superresolution of slow waves in Fourier space. <i>Physical Review B</i> , 2007 , 76,	3.3	18
101	Interface roughness in quantum wells prepared with growth interruptions. <i>Applied Physics Letters</i> , 1993 , 62, 843-845	3.4	18
100	Interband transitions in In _x Ga _{1-x} As/GaAs strained layer superlattices. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1989 , 7, 1106		18
99	Continuous-wave vertically emitting photonic crystal terahertz laser. <i>Laser and Photonics Reviews</i> , 2013 , 7, L45-L50	8.3	17
98	Fourier space imaging of light localization at a photonic band-edge located below the light cone. <i>Physical Review B</i> , 2009 , 79,	3.3	17
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96	High extraction efficiency, laterally injected, light emitting diodes combining microcavities and photonic crystals. <i>Optical and Quantum Electronics</i> , 2002 , 34, 79-89	2.4	17
95	Characterization of InGaAs and InAlAs layers on InP by four-crystal high resolution X-ray diffraction and wedge transmission electron microscopy. <i>Journal of Crystal Growth</i> , 1991 , 111, 456-460	1.6	17
94	Interface charge polarity of a polar on nonpolar semiconductor GaAs/Si with Ga and As prelayers. <i>Applied Physics Letters</i> , 1986 , 49, 1257-1259	3.4	17
93	Miniband dispersion in GaAs/Al _x Ga _{1-x} As superlattices with wide wells and very thin barriers. <i>Applied Physics Letters</i> , 1988 , 53, 2666-2668	3.4	17
92	Doubly resonant second-harmonic generation of a vortex beam from a bound state in the continuum. <i>Optica</i> , 2020 , 7, 1126	8.6	17
91	Gram-type differentiation of bacteria with 2D hollow photonic crystal cavities. <i>Applied Physics Letters</i> , 2018 , 113, 111101	3.4	17
90	Device simultaneous determination of the source and cavity parameters of a microcavity light-emitting diode. <i>Journal of Applied Physics</i> , 1999 , 85, 2994-2996	2.5	16
89	Minimization of out-of-plane losses in planar photonic crystals by optimizing the vertical waveguide. <i>Applied Physics Letters</i> , 2004 , 85, 3998-4000	3.4	15
88	Transmission spectroscopy of photonic crystal based waveguides with resonant cavities. <i>Journal of Applied Physics</i> , 2002 , 91, 4791-4794	2.5	15
87	Two-mode fringes in planar photonic crystal waveguides with constrictions: a probe that is sensitive to propagation losses. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2002 , 19, 2403	1.7	15

86	As/P interdiffusion in ultrathin InAs/InP strained quantum wells. <i>Applied Physics Letters</i> , 1994 , 65, 341-343	3.4	15
85	Hybrid PDMS/glass microfluidics for high resolution imaging and application to sub-wavelength particle trapping. <i>Lab on A Chip</i> , 2016 , 16, 465-70	7.2	14
84	Nanofabrication of high quality photonic crystals for integrated optics circuits. <i>Nanotechnology</i> , 2002 , 13, 341-345	3.4	14
83	. <i>IEEE Journal of Quantum Electronics</i> , 2002 , 38, 816-824	2	14
82	Optical characterisation of 2D InP-based photonic crystals fabricated by inductively coupled plasma etching. <i>Electronics Letters</i> , 2002 , 38, 962	1.1	14
81	Statistical analysis of subnanometer residual disorder in photonic crystal waveguides: Correlation between slow light properties and structural properties. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2011 , 29, 051601	1.3	13
80	Measurements of Al-AlInAs Schottky barriers prepared in situ by molecular beam epitaxy. <i>Applied Physics Letters</i> , 1992 , 60, 1099-1101	3.4	13
79	Raman study of a single InP/InAs/InP strained quantum well. <i>Solid State Communications</i> , 1992 , 84, 705-709	7.0	13
78	Photoemission study of a single GaAlAs/GaAs/GaAlAs quantum well. <i>Surface Science</i> , 1986 , 168, 538-545	1.8	13
77	Photoreflectance spectroscopy investigation of two-dimensional cesium metallic clusters on GaAs(100). <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1998 , 16, 2350-2359	2.9	12
76	Radiation loss of photonic crystal coupled-cavity waveguides. <i>Applied Physics Letters</i> , 2009 , 95, 1111105	3.4	10
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74	Multi-wavelength operation and vertical emission in THz quantum-cascade lasers). <i>Journal of Applied Physics</i> , 2007 , 101, 081726	2.5	10
73	Properties of alloyed AuGeNi-contacts on GaAs/Ga/AlAs-heterostructures. <i>IEEE Transactions on Instrumentation and Measurement</i> , 1991 , 40, 228-230	5.2	10
72	Imaging of high-Q cavity optical modes by electron energy-loss microscopy. <i>Physical Review B</i> , 2013 , 87,	3.3	9
71	Telecom-wavelength single-photon sources for quantum communications. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 225005	1.8	9
70	Ab initio tight-binding approach to photonic-crystal based coupled cavity waveguides. <i>Journal of Applied Physics</i> , 2004 , 95, 806-809	2.5	9
69	High electron density and mobility in single and double planar doped InGaAs/InAlAs heterojunctions on InP. <i>Journal of Crystal Growth</i> , 1991 , 111, 470-474	1.6	9

68	Investigation of GaAs/(Al,Ga)As multiple quantum wells grown on Ge and Si substrates by molecular-beam epitaxy. <i>Journal of Applied Physics</i> , 1987 , 62, 4858-4862	2.5	9
67	Cointegration of Gate-All-Around MOSFETs and Local Silicon-on-Insulator Optical Waveguides on Bulk Silicon. <i>IEEE Nanotechnology Magazine</i> , 2007 , 6, 118-125	2.6	8
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65	Design and characterization of top-emitting microcavity light-emitting diodes. <i>Semiconductor Science and Technology</i> , 2000 , 15, 145-154	1.8	8
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63	Growth of GaInAs by chemical beam epitaxy. <i>Journal of Crystal Growth</i> , 1991 , 107, 1057-1059	1.6	8
62	Inhibited emission of electromagnetic modes confined in subwavelength cavities. <i>Physical Review B</i> , 2011 , 84,	3.3	7
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60	Recent results and latest views on microcavity LEDs 2004 , 5366, 1		7
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58	Scanning-tunneling-microscopy-induced optical spectroscopy of a single GaAs quantum well. <i>Applied Physics Letters</i> , 2000 , 77, 3992-3994	3.4	7
57	Comparison of the quantized hall resistance in different GaAs/Al/sub x/Ga/sub 1-x/As heterostructures. <i>IEEE Transactions on Instrumentation and Measurement</i> , 1991 , 40, 231-233	5.2	7
56	DC and RF characteristics of InAlAs/InGaAs dual-gate TEGFETs. <i>Electronics Letters</i> , 1991 , 27, 631	1.1	7
55	Thermal fluctuation analysis of singly optically trapped spheres in hollow photonic crystal cavities. <i>Applied Physics Letters</i> , 2016 , 109, 241107	3.4	7
54	Ultra-wide-band structural slow light. <i>Scientific Reports</i> , 2018 , 8, 14811	4.9	7
53	Spontaneous emission enhancement at a photonic wire miniband edge. <i>Optics Letters</i> , 2005 , 30, 2113-5	3	6
52	Bloch wave propagation in two-dimensional photonic crystals: Influence of the polarization. <i>Optical and Quantum Electronics</i> , 2005 , 37, 293-307	2.4	6
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49	Molecular beam epitaxy growth of an ultrahigh finesse microcavity. <i>Journal of Crystal Growth</i> , 1995 , 150, 1313-1317	1.6	6
48	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	6.3	6
47	Group velocity and energy transport velocity near the band edge of a disordered coupled cavity waveguide: an analytical approach. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2010 , 27, 2095	1.7	5
46	Bloch mode excitation in two-dimensional photonic crystals imaged by Fourier optics. <i>Physical Review B</i> , 2009 , 79,	3.3	5
45	Photoquenching of excitonic inhomogeneous linewidth in semiconductor microcavities. <i>Solid State Communications</i> , 1998 , 106, 485-489	1.6	5
44	Fabrication and characterization of point defect photonic crystal nanocavities at telecom wavelength. <i>Microelectronic Engineering</i> , 2007 , 84, 1480-1483	2.5	5
43	Near-field mapping of quantum dot emission from single-photonic crystal cavity modes. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008 , 40, 1965-1967	3	5
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