

Eli Kapon

List of Publications by Year in descending order

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155
papers

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citations

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156
docs citations

156
times ranked

1840
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Effects of the Host Matrix in Hydrogenated InGaAsN Alloys: Toward an Integrated Matrix/Defect Engineering Paradigm. <i>Advanced Functional Materials</i> , 2022, 32, 2108862.	7.8	0
2	Mode Interference Effect in Optical Emission of Quantum Dots in Photonic Crystal Cavities. <i>Physical Review X</i> , 2022, 12, .	2.8	6
3	High-Power 760 nm VECSEL Based on Quantum Dot Gain Mirror. <i>IEEE Journal of Quantum Electronics</i> , 2020, 56, 1-4.	1.0	6
4	Flip-Chip Wafer-Fused OP-VECSELs Emitting 3.65 W at the 1.55- μ m Waveband. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2019, 25, 1-5.	1.9	6
5	InAs/InP quantum dot VECSEL emitting at 1.5 μ m. <i>Applied Physics Letters</i> , 2019, 115, .	1.5	11
6	Limiting the Spectral Diffusion of Nano-Scale Light Emitters using the Purcell effect in a Photonic-Confined Environment. <i>Scientific Reports</i> , 2019, 9, 1195.	1.6	8
7	Mode Coupling Measurement in Dual-Frequency Quantum Well-based VECSEL. , 2019, , .		0
8	Tilted-potential photonic crystal cavities for integrated quantum photonics. <i>Optics Express</i> , 2019, 27, 21822.	1.7	4
9	Single photon extraction and propagation in photonic crystal waveguides incorporating site-controlled quantum dots. <i>Applied Physics Letters</i> , 2018, 112, 051105.	1.5	11
10	Probing disorder and mode localization in photonic crystal cavities using site-controlled quantum dots. <i>Journal of Applied Physics</i> , 2018, 123, 043109.	1.1	6
11	Emission wavelength control of ordered arrays of InGaAs/GaAs quantum dots. <i>Journal of Crystal Growth</i> , 2017, 464, 69-74.	0.7	9
12	Deterministic coupling of a system of multiple quantum dots to a single photonic cavity mode. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	4
13	Deterministic radiative coupling of two semiconductor quantum dots to the optical mode of a photonic crystal nanocavity. <i>Scientific Reports</i> , 2017, 7, 4100.	1.6	17
14	Non-centrosymmetric plasmonic crystals for second-harmonic generation with controlled anisotropy and enhancement. <i>Laser and Photonics Reviews</i> , 2016, 10, 287-298.	4.4	17
15	Long wavelength VCSELs made by wafer fusion. , 2016, , .		1
16	Self-formation of hexagonal nanotemplates for growth of pyramidal quantum dots by metalorganic vapor phase epitaxy on patterned substrates. <i>Nano Research</i> , 2016, 9, 3279-3290.	5.8	11
17	Effect of Pure Dephasing and Phonon Scattering on the Coupling of Semiconductor Quantum Dots to Optical Cavities. <i>Physical Review Letters</i> , 2016, 117, 076801.	2.9	25
18	Site-controlled quantum dots coupled to photonic crystal cavities and waveguides. , 2016, , .		0

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19	Multiexciton dynamics in tailored band-gap quasi-one-dimensional systems. Physical Review B, 2015, 91, .	1.1	1
20	Exciton dynamics in a site-controlled quantum dot coupled to a photonic crystal cavity. Applied Physics Letters, 2015, 107, .	1.5	18
21	Site-controlled quantum dots coupled to a photonic crystal molecule. Applied Physics Letters, 2015, 107, .	1.5	16
22	Advanced 1.3 μm vertical cavity lasers based on AlInGaAs/InP-AlGaAs/GaAs fused structures. , 2015, , .		0
23	Electrically Pumped Vertical-External-Cavity Surface-Emitting Lasers With Patterned Tunnel Junction for Single Transversal-Mode Emission. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 485-492.	1.9	1
24	Optical Injection and Lasing Dynamics in Long-Wavelength VCSELs With Intracavity Patterning. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 659-667.	1.9	0
25	Effect of Cavity Lifetime Variation on the Static and Dynamic Properties of 1.3- μm Wafer-Fused VCSELs. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 414-422.	1.9	20
26	Integration of multiple site-controlled pyramidal quantum dot systems with photonic-crystal membrane cavities. Journal of Crystal Growth, 2015, 414, 192-195.	0.7	13
27	VCSEL-based processing of microwave signals. , 2014, , .		5
28	Stokes Parameters and Hybridization of Optical Modes in Long-Wavelength Vertical-Cavity Surface-Emitting Lasers (VCSELs). , 2014, , .		1
29	High power cavity-adjusted semiconductor disc lasers emitting in the 1310 nm waveband. , 2014, , .		0
30	Numerical Analysis of Mode Discrimination by Intracavity Patterning in Long-Wavelength Wafer-Fused Vertical-Cavity Surface-Emitting Lasers. IEEE Journal of Quantum Electronics, 2014, 50, 1-9.	1.0	9
31	Optical absorption spectroscopy with 1310 nm wavelength wafer-fused vertical-cavity surface-emitting lasers. , 2014, , .		0
32	Optical Injection Locking of Polarization Modes in VCSELs Emitting at 1.3 μm Wavelength. IEEE Journal of Quantum Electronics, 2013, 49, 939-944.	1.0	4
33	Spatial-Mode Discrimination in Guided and Antiguided Arrays of Long-Wavelength VCSELs. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 1-10.	1.9	5
34	Reliability of 1310 nm Wafer Fused VCSELs. IEEE Photonics Technology Letters, 2013, 25, 1555-1558.	1.3	29
35	Effects of hydrogen irradiation on the optical and electronic properties of site-controlled InGaAsN V-groove quantum wires. , 2013, , .		1
36	How to control single mode emission of VCSEL arrays?. , 2013, , .		0

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37	Effects of hydrogen irradiation on the optical and electronic properties of site-controlled InGaAsN V-groove quantum wires. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2013, 10, 556-560.	0.8	0
38	Low power consumption 1310 nm VCSELs for 4x10 Gbps CWDM links. , 2013, , .		1
39	Reduced temperature sensitivity of the polarization properties of hydrogenated InGaAsN V-groove quantum wires. <i>Applied Physics Letters</i> , 2012, 101, 151114.	1.5	8
40	Exciton confinement and trapping dynamics in double-graded-bandgap quantum nanowires. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	9
41	1310 nm wafer fused VCSELs - a new generation of uncooled 10 Gbps telecom lasers. , 2012, , .		0
42	Deterministic quantum photonics with ordered systems of quantum wires and quantum dots. , 2012, , .		0
43	Investigation of coherent acoustic phonons in terahertz quantum cascade laser structures using femtosecond pump-probe spectroscopy. <i>Journal of Applied Physics</i> , 2012, 112, 033517.	1.1	13
44	Experimental evidence for Luttinger liquid behavior in sufficiently long GaAs V-groove quantum wires. <i>Physical Review B</i> , 2012, 85, .	1.1	17
45	Magneto-optical properties of single site-controlled InGaAsN quantum wires grown on prepatterned GaAs substrates. <i>Physical Review B</i> , 2012, 85, .	1.1	9
46	Photocurrent spectroscopy of site-controlled pyramidal quantum dots. <i>Applied Physics Letters</i> , 2012, 101, 031110.	1.5	3
47	Bound and anti-bound biexciton in site-controlled pyramidal GaInAs/GaAs quantum dots. <i>Applied Physics Letters</i> , 2012, 101, .	1.5	20
48	Performances of Microwave-Band Analog Signal Transmission Using Wafer-Fused Long Wavelength VCSELs. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 1463-1465.	1.3	13
49	Carrier capture into semiconductor quantum dots via quantum wire barriers: Localization and thermionic emission effects. <i>Applied Physics Letters</i> , 2011, 99, 091910.	1.5	4
50	Engineering conduction and valence band states in site-controlled pyramidal quantum dots. <i>Applied Physics Letters</i> , 2011, 98, 253102.	1.5	5
51	Wafer-Fused Optically Pumped VECSELs Emitting in the 1310-nm and 1550-nm Wavebands. <i>Advances in Optical Technologies</i> , 2011, 2011, 1-8.	0.8	23
52	Phonon-Mediated Coupling of InGaAs Quantum Dots Excitons to Photonic Crystal Cavities. <i>Physical Review Letters</i> , 2011, 106, 227402.	1.9	85
53	High-quality 1.3 μm -wavelength GaInAsN/GaAs quantum wells grown by metalorganic vapor phase epitaxy on vicinal substrates. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	11
54	Dilute nitride InGaAsN/GaAs V-groove quantum wires emitting at 1.3 μm wavelength at room temperature. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	21

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55	High-Power 1.48- μm Wafer-Fused Optically Pumped Semiconductor Disk Laser. IEEE Photonics Technology Letters, 2011, 23, 917-919.	1.3	20
56	Microwave-band optoelectronic frequency converters based on long wavelength VCSELs. , 2011, , .		7
57	Electrical Modeling of Long-Wavelength VCSELs for Intrinsic Parameters Extraction. IEEE Journal of Quantum Electronics, 2010, 46, 313-322.	1.0	24
58	Broadband MEMS-Tunable High-Index-Contrast Subwavelength Grating Long-Wavelength VCSEL. IEEE Journal of Quantum Electronics, 2010, 46, 1245-1253.	1.0	43
59	Record $\hat{\text{e}}$ Low Inhomogeneous Broadening of Site $\hat{\text{e}}$ Controlled Quantum Dots for Nanophotonics. Small, 2010, 6, 1268-1272.	5.2	77
60	Polarization-entangled photons produced with high-symmetry site-controlled quantum dots. Nature Photonics, 2010, 4, 302-306.	15.6	156
61	Novel artificial molecules: Optoelectronic properties of two quantum dots coupled by a quantum wire. , 2010, , .		1
62	Turn-on delay and Auger recombination in long-wavelength vertical-cavity surface-emitting lasers. Applied Physics Letters, 2010, 97, 131102.	1.5	9
63	Site-controlled quantum-wire and quantum-dot photonic-crystal microcavity lasers. , 2010, , .		0
64	1.3- μm Mode-Locked Disk Laser With Wafer Fused Gain and SESAM Structures. IEEE Photonics Technology Letters, 2010, 22, 748-750.	1.3	16
65	Fine structure of exciton complexes in high-symmetry quantum dots: Effects of symmetry breaking and symmetry elevation. Physical Review B, 2010, 81, .	1.1	86
66	Pyramidal GaAs wire/dot systems with controlled heterostructure potential. Physical Review B, 2010, 82, .	1.1	17
67	Entangled photons produced with high-symmetry site-controlled quantum dots. , 2009, , .		0
68	1.3- μm InGaAlAs/InP-AlGaAs/GaAs wafer-fused VCSELs with 10-Gb/s modulation speed up to 100 C . , 2009, , .		0
69	Hole character and photon polarization switching in quantum dot-in-dots and Quantum Dot Molecules. , 2009, , .		0
70	1meV inhomogeneous broadening of large area (2cm^2) arrays of site-controlled pyramidal quantum dots. , 2009, , .		0
71	1.57- μm passively mode-locked wafer-fused semiconductor disk laser. , 2009, , .		0
72	Long Wavelength VCSEL-by-VCSEL Optical Injection Locking. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 1850-1858.	2.9	20

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73	Semiconductor quantum-wires and nano-wires for optoelectronic applications. Journal of Materials Science: Materials in Electronics, 2009, 20, 94-101.	1.1	8
74	Site-€Controlled InGaAs Quantum Dots with Tunable Emission Energy. Small, 2009, 5, 938-943.	5.2	70
75	Effect of sidewall passivation in BCl ₃ -N ₂ inductively coupled plasma etching of two-dimensional GaAs photonic crystals. Journal of Vacuum Science & Technology B, 2009, 27, L21.	1.3	24
76	Valence Band Engineering and Polarization Switching in Quantum Dots grown in Inverted Pyramids. , 2009, , .		0
77	Coupled photonic-crystal cavities and quantum-wire microlasers. , 2009, , .		0
78	Dense (10 ⁸ ^{cm ²}) arrays of ordered quantum dots with narrow (≤ 10 meV) photoluminescence spectra. , 2009, , .		0
79	Observation of stimulated emission and lasing in quantum-wire photonic-crystal nanocavities. , 2009, , .		1
80	Photonic crystal emitters incorporating ordered quantum wires and dots. , 2009, , .		0
81	Power-efficient answer. Nature Photonics, 2009, 3, 27-29.	15.6	162
82	High power vertical external cavity surface-emitting lasers (VECSELs) emitting in 1310 nm and 1550 nm bands. , 2009, , .		2
83	In(Al)GaAs-€AlGaAs Wafer Fused VCSELs Emitting at 2-µm Wavelength. IEEE Photonics Technology Letters, 2008, 20, 24-26.	1.3	13
84	Extension of Coupled Mode Analysis to Infinite Photonic Superlattices. IEEE Journal of Quantum Electronics, 2008, 44, 826-833.	1.0	10
85	1.3-µm single-mode VCSEL-by-VCSEL optical injection-locking for enhanced microwave performance. , 2008, , .		1
86	2-µm wavelength range InGa(Al)As/InP-AlGaAs/GaAs wafer fused VCSELs for spectroscopic applications. , 2008, , .		1
87	Developments of long-wavelength VCSELs. , 2008, , .		1
88	10 Gbps VCSELs with High Single Mode Output in 1310nm and 1550 nm Wavelength Bands. , 2008, , .		24
89	A terahertz quantum cascade laser grown by low-pressure metalorganic vapor phase epitaxy. Applied Physics Letters, 2008, 92, .	1.5	16
90	Wafer-fused 1550-nm band VCSELs with fundamental mode output exceeding 6 mW. , 2008, , .		4

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91	Very low transparency currents in double quantum well InGaAs semiconductor lasers with $\hat{\Gamma}$ -doped resonant tunneling. Applied Physics Letters, 2008, 92, 021109.	1.5	5
92	Integration of site-controlled pyramidal quantum dots and photonic crystal membrane cavities. Applied Physics Letters, 2008, 92, .	1.5	89
93	Theory and experiment of step bunching on misoriented GaAs(001) during metalorganic vapor-phase epitaxy. Applied Physics Letters, 2008, 92, 013117.	1.5	31
94	THz quantum cascade lasers grown by low-pressure metalorganic vapor phase epitaxy. , 2008, , .		0
95	Observation of wavelength- and loss-splitting of supermodes in coupled photonic-crystal microcavities. , 2008, , .		0
96	Polarization control of wafer-fused long-wavelength VCSELs using sub-wavelength shallow gratings. , 2008, , .		1
97	1.3 and 1.5 μm wavelength wafer fused InAlGaAs/InP-AlGaAs/GaAs VCSELs with high single mode output power. , 2007, , .		0
98	Beam Switching and Steering in VCSEL-Based Photonic Crystal Coupled Heterostructures. , 2007, , .		0
99	Spatial coherence measurements in arrays of coupled vertical cavity surface emitting lasers. Applied Physics Letters, 2007, 90, 021103.	1.5	18
100	High power single mode VCSELs emitting at 1320nm wavelength. , 2007, , .		0
101	Control of valence band states in pyramidal quantum dot-in-dot semiconductor heterostructures. Applied Physics Letters, 2007, 91, .	1.5	16
102	Nonorthogonal theory of polarons and application to pyramidal quantum dots. Physical Review B, 2007, 76, .	1.1	13
103	Site-controlled single quantum wire integrated into a photonic-crystal membrane microcavity. Applied Physics Letters, 2007, 90, 153107.	1.5	26
104	Excited excitonic states observed in semiconductor quantum dots using polarization resolved optical spectroscopy. Journal of Applied Physics, 2007, 101, 081703.	1.1	20
105	Mode switching and beam steering in photonic crystal heterostructures implemented with vertical-cavity surface-emitting lasers. Applied Physics Letters, 2007, 90, 241115.	1.5	10
106	Active Mode Control in VCSEL-Based Photonic Crystal Superlattices. , 2007, , .		0
107	Extension of Coupled Mode Analysis to Periodic Large Arrays of Identical Waveguides for Photonic Crystals Applications. IEEE Journal of Quantum Electronics, 2007, 43, 215-224.	1.0	14
108	Narrow ($\sim 4\text{meV}$) inhomogeneous broadening and its correlation with confinement potential of pyramidal quantum dot arrays. Applied Physics Letters, 2007, 91, 081106.	1.5	29

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109	Cavity Mode—Gain Peak Tradeoff for 1320-nm Wafer-Fused VCSELs With 3-mW Single-Mode Emission Power and 10-Gb/s Modulation Speed Up to 70 \times C. IEEE Photonics Technology Letters, 2007, 19, 121-123.	1.3	43
110	Spatial coherence in VCSEL-based photonic crystal homostructures and heterostructures. , 2006, , .		0
111	Correlation between optical properties and interface morphology of GaAs \hat{a} AlGaAs quantum wells. Applied Physics Letters, 2006, 88, 141917.	1.5	15
112	Threshold Analysis of Vertical-Cavity Surface-Emitting Lasers With Intracavity Contacts. IEEE Journal of Quantum Electronics, 2006, 42, 889-895.	1.0	7
113	Thermoelectrical model for vertical cavity surface emitting lasers and arrays. Journal of Applied Physics, 2006, 100, 103102.	1.1	15
114	Comparative Study of Atomic Force Imaging of DNA on Graphite and Mica Surfaces. AIP Conference Proceedings, 2006, , .	0.3	4
115	Optical polarization anisotropy and hole states in pyramidal quantum dots. Applied Physics Letters, 2006, 89, 251113.	1.5	44
116	Polarization-resolved optical absorption in single V-groove quantum wires. Applied Physics Letters, 2006, 89, 191111.	1.5	8
117	Optimization of the efficiency of single-photon sources based on quantum dots under optical excitation. Applied Physics Letters, 2006, 88, 081905.	1.5	15
118	Influence of long-range substrate roughness on disorder in V-groove quantum wire structures. Journal of Applied Physics, 2006, 100, 123509.	1.1	2
119	Charged excitons in modulation-doped quantum wires. AIP Conference Proceedings, 2005, , .	0.3	0
120	Carrier Tunneling between Parallel GaAs/AlGaAs V-groove Quantum Wires. AIP Conference Proceedings, 2005, , .	0.3	0
121	The Fractional-Dimensional Excitonic Absorption Theory Applied to Real V-groove Quantum Wires. AIP Conference Proceedings, 2005, , .	0.3	0
122	Coupled islands of photonic crystal heterostructures implemented with vertical-cavity surface-emitting lasers. Applied Physics Letters, 2005, 87, 241120.	1.5	26
123	Patterning of confined-state energies in site-controlled semiconductor quantum dots. Applied Physics Letters, 2005, 86, 243105.	1.5	11
124	Effects of the one-dimensional quantum barriers in pyramidal quantum dots. Applied Physics Letters, 2004, 84, 4086-4088.	1.5	23
125	Dynamics of polarization modes in photonic crystals based on arrays of vertical-cavity surface-emitting lasers. Applied Physics Letters, 2004, 84, 3777-3779.	1.5	4
126	Localization of excitons in disordered quantum wires probed by single-photon correlation spectroscopy. Applied Physics Letters, 2004, 85, 5715-5717.	1.5	8

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127	Electroluminescence from a single pyramidal quantum dot in a light-emitting diode. Applied Physics Letters, 2004, 84, 1967-1969.	1.5	32
128	Inverse ray-tracing method for nondestructive mapping of three-dimensional surfaces. Journal of Applied Physics, 2004, 95, 7888-7891.	1.1	0
129	Dense uniform arrays of site-controlled quantum dots grown in inverted pyramids. Applied Physics Letters, 2004, 84, 2907-2909.	1.5	50
130	Observation of charged excitons in V-groove quantum wires. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 526-530.	0.8	1
131	High uniformity of site-controlled pyramidal quantum dots grown on prepatterned substrates. Applied Physics Letters, 2004, 84, 1943-1945.	1.5	79
132	High-quality $\text{In}_x\text{Ga}_{1-x}\text{As}/\text{Al}_0.3\text{Ga}_{0.7}\text{As}$ quantum dots grown in inverted pyramids. Physica Status Solidi (B): Basic Research, 2003, 238, 233-236.	0.7	27
133	Wide-range tuning of the two-dimensional confinement in V-groove quantum wires. Applied Physics Letters, 2002, 81, 274-276.	1.5	5
134	High internal quantum efficiency, narrow linewidth $\text{InGaAs}/\text{GaAs}/\text{AlGaAs}$ quantum wire light-emitting diodes. Applied Physics Letters, 2002, 81, 2839-2841.	1.5	25
135	Observation of Charged Few-Particle States in the Optical Spectra of Single Semiconductor Quantum Dots. Physica Status Solidi (B): Basic Research, 2001, 224, 325-330.	0.7	5
136	Carrier Capture and Recombination Dynamics in a Single Pyramidal Quantum Dot. Physica Status Solidi (B): Basic Research, 2001, 224, 431-436.	0.7	4
137	Efficient, narrow linewidth excitonic emission at room temperature from $\text{GaAs}/\text{AlGaAs}$ V-groove quantum wire light-emitting diodes. Applied Physics Letters, 2001, 79, 4-6.	1.5	16
138	Use of an Optical Microcavity to Probe Exciton Relaxation in Strained V-Groove Quantum Wires. Physica Status Solidi A, 2000, 178, 161-165.	1.7	1
139	Photoluminescence Study of V-Groove Quantum Wires: The Influence of Disorder on the Optical Spectra and the Carrier Thermalization. Physica Status Solidi A, 2000, 178, 211-220.	1.7	9
140	Direct Observation of New Transitions in the Absorption Spectra of a V-Groove Quantum Wire Waveguide. Physica Status Solidi A, 2000, 178, 233-237.	1.7	12
141	Carrier-Induced Effects on Absorption and Emission in V-Groove Quantum Wire Diodes. Physica Status Solidi A, 2000, 178, 249-253.	1.7	1
142	Optical Spectra of Single Quantum Dots: Influence of Impurities and Few-Particle Effects. Physica Status Solidi A, 2000, 178, 283-290.	1.7	11
143	Strain effects and phase transitions in photonic resonator crystals. Nature, 2000, 407, 880-883.	13.7	36
144	Continuous-wave operation of phase-coupled vertical-cavity surface-emitting laser arrays. Applied Physics Letters, 2000, 77, 2283-2285.	1.5	38

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145	Influence of strain and quantum confinement on the optical properties of InGaAs/GaAs V-groove quantum wires. Journal of Applied Physics, 2000, 88, 141-147.	1.1	20
146	Carrier transport and luminescence in inverted-pyramid quantum structures. Applied Physics Letters, 2000, 77, 3923-3925.	1.5	24
147	Mode switching in shear-strained and modulated photonic lattices by vertical-cavity surface-emitting laser arrays by means of injection locking. Applied Physics Letters, 2000, 76, 816-818.	1.5	5
148	Few-Particle Effects in Semiconductor Quantum Dots: Observation of Multicharged Excitons. Physical Review Letters, 2000, 84, 5648-5651.	2.9	239
149	Two-dimensional quantum-confined Stark effect in V-groove quantum wires: Excited state spectroscopy and theory. Applied Physics Letters, 1999, 74, 2334-2336.	1.5	19
150	Effect of indium segregation on optical properties of V-groove InGaAs/GaAs strained quantum wires. Applied Physics Letters, 1999, 75, 3300-3302.	1.5	17
151	Strain relaxation at cleaved surfaces studied by atomic force microscopy. Applied Physics A: Materials Science and Processing, 1999, 69, 347-351.	1.1	14
152	Title is missing!. Optical and Quantum Electronics, 1999, 31, 797-812.	1.5	12
153	Self-ordering and confinement in strained InGaAs/AlGaAs V-groove quantum wires grown by low-pressure organometallic chemical vapor deposition. Applied Physics Letters, 1998, 72, 701-703.	1.5	28
154	Structure and photoluminescence of single AlGaAs/GaAs quantum dots grown in inverted tetrahedral pyramids. Applied Physics Letters, 1998, 73, 2322-2324.	1.5	44
155	ELECTRONIC AND OPTICAL PROPERTIES OF QUASI-ONE-DIMENSIONAL CARRIERS IN QUANTUM WIRES. Journal of Nonlinear Optical Physics and Materials, 1995, 04, 99-140.	1.1	38