David Gershoni

List of Publications by Year
in descending order

184 papers	6,308 citations	76196 40 h-index	69108 77 g-index
186 all docs	186 docs citations	186 times ranked	5018 citing authors

#	Article	IF	Citations
1	Spin purity of the quantum dot confined electron and hole in an external magnetic field. Physical Review B, 2022, 105, .	1.1	5
2	Selective noise resistant gate. Physical Review B, 2020, 102, .	1.1	4
3	Towards supersensitive optical phase measurement using a deterministic source of entangled multiphoton states. Physical Review B, 2020, 101, .	1.1	9
4	Complete state tomography of a quantum dot spin qubit. Physical Review B, 2020, 101, .	1.1	7
5	Deterministic generation of a cluster-state of indistinguishable entangled photons.. , 2020, , .		0
6	Supersensitive Optical Phase Measurement using Deterministically Generated Multiphoton Entangled State. , 2019, , .		0
7	Supersensitive Optical Phase Measurement Using Deterministically Generated Multiphoton Entangled State. , 2019, , .		0
8	Depolarization of Electronic Spin Qubits Confined in Semiconductor Quantum Dots. Physical Review X, 2018, 8, .	2.8	18
9	Growth of large diameter pure phase wurtzite GaP nanowires by a two-step axial-radial growth approach. Applied Physics Letters, 2018, 112, .	1.5	13
10	A quantum knitting machine generating on demand cluster states of entangled photons. , 2018, , .		1
11	On-demand source of maximally entangled photon pairs using the biexciton-exciton radiative cascade. Physical Review B, 2017, 95, .	1.1	49
12	Accessing the dark exciton spin in deterministic quantum-dot microlenses. APL Photonics, 2017, 2, .	3.0	28
13	Coherent Control of Dark Excitons in Semiconductor Quantum Dots. Nano-optics and Nanophotonics, 2017, , 123-164.	0.2	3
14	On-demand source of entangled photon-pairs using the biexciton-exciton radiative cascade. , 2017, , .		0
15	A new study of on-demand emission of indistinguishable single photons from single quantum dots. , 2017, , .		0
16	Bright Single-Photon Sources Based on Anti-Reflection Coated Deterministic Quantum Dot Microlenses. Technologies, 2016, 4, 1.	3.0	21
17	Generating single photons at gigahertz modulation-speed using electrically controlled quantum dot microlenses. Applied Physics Letters, 2016, 108, .	1.5	31
18	Deterministic generation of a cluster state of entangled photons. Science, 2016, 354, 434-437.	6.0	268

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19	Controlling the dark exciton spin eigenstates by external magnetic field. Physical Review B, 2016, 94, .	1.1	5
20	Selection rules for nonradiative carrier relaxation processes in semiconductor quantum dots. Physical Review B, 2016, 93, .	1.1	2
21	On-Demand Generation of Entangled Multiphoton States. , 2016, , .		0
22	Deterministic coherent writing of a long-lived semiconductor spin qubit using one ultrafast optical pulse. Physical Review B, 2015, 92, .	1.1	22
23	Deterministic Writing and Control of the Dark Exciton Spin Using Single Short Optical Pulses. Physical Review X, 2015, 5, .	2.8	58
24	Local probing of nuclear bath polarization with a single electronic spin. Physical Review B, 2015, 92, .	1.1	1
25	Local and bulk 13C hyperpolarization in nitrogen-vacancy-centred diamonds at variable fields and orientations. Nature Communications, 2015, 6, 8456.	5.8	83
26	Atomistic theory of dark excitons in self-assembled quantum dots of reduced symmetry. Physical Review B, 2015, 91, .	1.1	44
27	Optically detected magnetic resonance imaging. Applied Physics Letters, 2015, 106, .	1.5	13
28	All-optical depletion of dark excitons from a semiconductor quantum dot. Applied Physics Letters, 2015, 106, .	1.5	21
29	Coherent Writing of the Dark Exciton State Using One Picosecond Long Optical Pulse. , 2015, , .		0
30	Deterministic Generation of a Triexciton in a Quantum Dot. , 2015, , .		0
31	Deterministic generation of a quantum-dot-confined triexciton and its radiative decay via three-photon cascade. Physical Review B, 2014, 90, .	1.1	18
32	Time-optimal universal control of two-level systems under strong driving. Physical Review B, 2014, 89, .	1.1	44
33	Electron-hole spin flip-flop in semiconductor quantum dots. Physical Review B, 2014, 89, .	1.1	24
34	Optical control of single excitons in semiconductor quantum dots. Semiconductor Science and Technology, 2014, 29, 053001.	1.0	14
35	Deterministic Writing and Control of the Dark Exciton State using Short Single Optical Pulses. , 2014, , .		0
36	Bulk Nuclear Polarization Enhanced at Room Temperature by Optical Pumping. Physical Review Letters, 2013, 111, 057601.	2.9	106

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37	Complete control of a matter qubit using a single picosecond laser pulse. Physical Review B, 2012, 85, .	1.1	41
38	Excitation spectroscopy of single quantum dots at tunable positive, neutral, and negative charge states. Physical Review B, 2012, 86, .	1.1	32
39	Optically induced rotation of a quantum dot exciton spin. , 2011, , .		0
40	Coherent Optical Writing and Reading of the Exciton Spin State in Single Quantum Dots. Physical Review Letters, 2011, 106, 040504.	2.9	38
41	Optically Induced Rotation of an Exciton Spin in a Semiconductor Quantum Dot. Physical Review Letters, 2011, 107, 087401.	2.9	55
42	Ultra-High Finesse, Low Mode Volume Fabry-Perot Microcavity. , 2011, , .		0
43	Two-photon photoluminescence excitation spectroscopy of single quantum dots. Physical Review B, 2011, 84, .	1.1	24
44	Radiative cascades in charged quantum dots. Journal of Physics: Conference Series, 2010, 210, 012057.	0.3	0
45	Pyramidal quantum dots. Nature Photonics, 2010, 4, 271-272.	15.6	1
46	Accessing the dark exciton with light. Nature Physics, 2010, 6, 993-997.	6.5	139
47	Spontaneously Localized Photonic Modes Due to Disorder in the Dielectric Constant. , 2010, , .		0
48	Coherent Writing and Reading of Quantum Dot Exciton State by Resonant Two Colors Polarized Laser Pulses. , 2010, , .		0
49	Radiative cascades from charged semiconductor quantum dots. Physical Review B, 2010, 81, .	1.1	28
50	Radiative cascade from quantum dot metastable spin-blockaded biexciton. Physical Review B, 2010, 82, .	1.1	24
51	Circular polarization memory in single Quantum Dots. , 2010, , .		0
52	The Dark Exciton in a Quantum Dot- A Novel Bright Qubit with Very Long Coherence Time. , 2010, , .		0
53	Spin Blockaded Radiative Cascades in a Neutral Quantum Dot. , 2010, , .		0
54	Site-controlled InAs quantum dots grown on a 55 nm thick GaAs buffer layer. Applied Physics Letters, 2009, 95, 243106.	1.5	15

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55	Polarization memory in single quantum dots. Solid State Communications, 2009, 149, 1493-1497.	0.9	6
56	AvronetÂal.Reply:. Physical Review Letters, 2009, 103, .	2.9	5
57	Fermi edge singularity observed in GaN/AlGaN heterointerfaces. Applied Physics Letters, 2009, 94, 223502.	1.5	8
58	Polarization sensitive spectroscopy of charged quantum dots. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 2490-2494.	0.8	0
59	Distilling entanglement from random cascades with partial â€œwhich pathâ€•ambiguity. Physical Review A, 2008, 77, .	1.0	10
60	Entanglement on Demand through Time Reordering. Physical Review Letters, 2008, 100, 120501.	2.9	73
61	Entanglement on demand through time reordering. , 2008, , .		0
62	Polarization sensitive spectroscopy of charged quantum dots. Physical Review B, 2007, 76, .	1.1	61
63	Correlated and entangled pairs of single photons from semiconductor quantum dots. Journal of Applied Physics, 2007, 101, 081712.	1.1	10
64	Entangled States of Photon Pairs from Radiative Cascades in Semiconductor Quantum Dots. , 2007, , .		0
65	Entangled Photon Pairs from Semiconductor Quantum Dots. Physical Review Letters, 2006, 96, 130501.	2.9	761
66	Entangled photon pairs from radiative cascades in semiconductor quantum dots. Physica Status Solidi (B): Basic Research, 2006, 243, 3900-3904.	0.7	1
67	Long live the spin. Nature Materials, 2006, 5, 255-256.	13.3	5
68	Magneto optics of single photons emitted from single InAs/GaAs self-assembled quantum dots in a planar microcavity. Physica E: Low-Dimensional Systems and Nanostructures, 2006, 32, 127-130.	1.3	11
69	Emission characteristics of quantum dots in planar microcavities. Physical Review B, 2006, 73, .	1.1	21
70	Entangled photon pairs from radiative cascades in semiconductor quantum dots. , 2006, , .		0
71	Polarization spectroscopy of positive and negative trions in an InAs quantum dot. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 26, 55-58.	1.3	14
72	Polarization Correlations between Single Photons Emitted by Quantum Dots in Planar Microcavities. AIP Conference Proceedings, 2005, , .	0.3	0

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73	Radiative lifetime and dephasing of excitons studied by femtosecond time resolved intersubband spectroscopy. AIP Conference Proceedings, 2005, , .	0.3	0
74	Optical evidence for lack of polarization in (112Â¯0) oriented GaNâ•(AlGa)N quantum structures. Applied Physics Letters, 2005, 86, 202104.	1.5	41
75	Optical Pumping of the Electronic and Nuclear Spin of Single Charge-Tunable Quantum Dots. Physical Review Letters, 2005, 94, 047402.	2.9	287
76	Binding energies of positive and negative trions: From quantum wells to quantum dots. Physical Review B, 2005, 72, .	1.1	86
77	Polarized Fine Structure in the Photoluminescence Excitation Spectrum of a Negatively Charged Quantum Dot. Physical Review Letters, 2005, 95, 177403.	2.9	122
78	Gallium diffusion into self-assembled InAs quantum dots grown on indium phosphide substrates. Applied Physics Letters, 2004, 85, 3578-3580.	1.5	11
79	Current-Induced Light Modulation Using Quantum Wells in the Collector of Heterojunction Bipolar Transistors. IEEE Journal of Quantum Electronics, 2004, 40, 394-399.	1.0	0
80	Tunable statistics of multicolor photons emitted from semiconducting quantum dots. Journal of Luminescence, 2003, 102-103, 402-407.	1.5	0
81	Quantum dots: a source of multicolor photons with tunable statistics and correlated polarizations. Physica Status Solidi (B): Basic Research, 2003, 238, 297-300.	0.7	0
82	Time-resolved spectroscopy of infrared active vibrations in 2,5-dioctyloxy poly(phenylene vinylene) films. Polymer, 2003, 44, 691-694.	1.8	2
83	Non-classical light generated by a quantum dot: multi-color photons with tunable statistics. Synthetic Metals, 2003, 139, 711-714.	2.1	1
84	Polarization Spectroscopy of Charged Single Self-Assembled Quantum Dots. Materials Research Society Symposia Proceedings, 2003, 789, 328.	0.1	1
85	Polarization Spectroscopy of Charged Single Self-Assembled Quantum Dots. Materials Research Society Symposia Proceedings, 2003, 799, 24.	0.1	0
86	Hyperfine interactions in a charged quantum dot. , 2003, , .		0
87	Polarization Spectroscopy of Charged Single Self-Assembled Quantum Dots. Materials Research Society Symposia Proceedings, 2003, 794, 171.	0.1	0
88	Intensity and circular polarization correlations of single photons from optically excited semiconductor quantum dots. , 2003, , .		0
89	Near-field mapping of the electromagnetic field in confined photon geometries. Physical Review B, 2002, 66, .	1.1	19
90	Temporal evolution of the excitonic distribution function inGaAs/Al0.33Ga0.67Assuperlattices. Physical Review B, 2002, 65, .	1.1	2

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91	Excitonic effects can lead to decreased intersubband oscillator strength. Physical Review B, 2002, 65, .	1.1	9
92	Spectroscopy of Single Semiconductor Quantum Dots at Negative, Neutral, and Positive Charge States. Physica Status Solidi A, 2002, 190, 491-497.	1.7	3
93	Spectroscopy of positively and negatively charged quantum dots: wave function extent of holes and electrons. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 13, 114-118.	1.3	7
94	Polaron photogeneration probed by picosecond infrared active vibrations in MEH-PPV. Synthetic Metals, 2001, 119, 507-510.	2.1	8
95	Optical spectroscopy of single quantum dots at tunable positive, neutral, and negative charge states. Physical Review B, 2001, 64, .	1.1	110
96	Radiative lifetimes of single excitons in semiconductor quantum dots â€" manifestation of the spatial coherence effect. Solid State Communications, 2001, 117, 395-400.	0.9	34
97	Comparison of titanium and platinum Schottky barrier heights to Ga0.47In0.53As obtained from Franz Keldysh oscillations and Schottky diode characteristics. Solid-State Electronics, 2001, 45, 475-482.	0.8	7
98	Dynamics of Excitons in Single Semiconductor Quantum Dots Probed by Time-Resolved Optical Spectroscopy. Physica Status Solidi (B): Basic Research, 2001, 224, 343-348.	0.7	6
99	Semiconductor Quantum Dot: A Quantum Light Source of Multicolor Photons with Tunable Statistics. Physical Review Letters, 2001, 87, 257401.	2.9	130
100	Depolarization shift of the intersubband resonance in a quantum well with an electron-hole plasma. Physical Review B, 2001, 65, .	1.1	21
101	Roughening transition and solid-state diffusion in short-period InP/In0.53Ga0.47As superlattices. Applied Physics Letters, 2001, 78, 1370-1372.	1.5	3
102	Carrier-Carrier Correlations and Their Effect on Optically Excited Single Semiconductor Quantum Dots. Physica Status Solidi (B): Basic Research, 2000, 221, 43-48.	0.7	1
103	Time-resolved intersubband optical transitions in resonantly optically pumped semiconductor lasers. Physica E: Low-Dimensional Systems and Nanostructures, 2000, 7, 237-240.	1.3	2
104	Cascade evolution and radiative recombination of quantum dot multiexcitons studied by time-resolved spectroscopy. Physical Review B, 2000, 62, 11038-11045.	1.1	119
105	Electroabsorption spectroscopy of intersubband transitions in multiple-quantum-well superlattices. Physical Review B, 2000, 61, 10972-10977.	1.1	3
106	Dynamics of carriers in resonantly excited quantum-well lasers studied by intersubband absorption. Applied Physics Letters, 2000, 76, 2988-2990.	1.5	4
107	Carrier-carrier correlations in an optically excited single semiconductor quantum dot. Physical Review B, 2000, 61, 11009-11020.	1.1	117
108	Measured and calculated radiative lifetime and optical absorption ofInxGa1â^'xN/GaNquantum structures. Physical Review B, 2000, 61, 10994-11008.	1.1	137

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109	Optical Spectroscopy of InGaN/GaN Quantum Wells. Physica Status Solidi (B): Basic Research, 1999, 216, 291-300.	0.7	16
110	Picoseconds time resolved photoinduced absorption by infrared active vibrations as a probe for charge photogeneration in MEH-PPV/C60 composites. Synthetic Metals, 1999, 102, 1182-1185.	2.1	29
111	Charge separation in coupled InAs quantum dots and strain-induced quantum dots. Applied Physics Letters, 1999, 74, 2194-2196.	1.5	34
112	Optical Spectroscopy of Single Self Assembled Quantum Dots. Materials Research Society Symposia Proceedings, 1999, 571, 135.	0.1	0
113	Optical Spectroscopy of InGaN/GaN Quantum Wells. , 1999, 216, 291.		1
114	The Physics of Semiconductors. , 1999, , .		5
115	Momentum redistribution times of 2D excitons measured by transient resonantly induced intersubband absorption. Physica E: Low-Dimensional Systems and Nanostructures, 1998, 2, 65-69.	1.3	8
116	Optical spectroscopy of a single self-assembled quantum dot. Physica E: Low-Dimensional Systems and Nanostructures, 1998, 2, 694-700.	1.3	3
117	Recombination of carriers in SiGe/Si heterostructures measured by photomodulated intersubband absorption. Physica E: Low-Dimensional Systems and Nanostructures, 1998, 2, 777-780.	1.3	5
118	Multiexciton Spectroscopy of a Single Self-Assembled Quantum Dot. Physical Review Letters, 1998, 80, 4991-4994.	2.9	329
119	Momentum Space Redistribution of Resonantly Photoexcited Excitons in GaAs/AlGaAs Superlattices. , 1998, , 187-192.		0
120	Near-field optical spectroscopy of semiconductor quantum wires. Nanotechnology, 1997, 8, A44-A49.	1.3	3
121	Momentum Redistribution Times of Resonantly Photogenerated 2D Excitons. Physical Review Letters, 1997, 78, 3919-3922.	2.9	17
122	Recombination processes in SiGe/Si quantum wells measured by photoinduced absorption spectroscopy. Physical Review B, 1997, 56, 15734-15739.	1.1	20
123	Optical properties of GaAs/AlxGa1â^'xAs quantum wells disordered by ion implantation. Physical Review B, 1997, 56, 1509-1515.	1.1	16
124	Far- and near-field optical spectroscopy of cleaved edge quantum wires. Journal of Luminescence, 1997, 72-74, 12-17.	1.5	2
125	Inter-light-hole subband absorption in tensile strained InGaAs/InP quantum wells. Superlattices and Microstructures, 1996, 19, 61-67.	1.4	0
126	Time resolved photoinduced intersubband absorption: A novel and powerful way of studying the dynamics of quantum structure carriers. Solid-State Electronics, 1996, 40, 555-559.	0.8	1

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127	Nearâ€field optical spectroscopy of single quantum wires. Applied Physics Letters, 1996, 68, 988-990.	1.5	73
128	Origins of k Â· p errors for [001] GaAs/AlAs heterostructures. Europhysics Letters, 1996, 33, 383-390.	0.7	11
129	High spatial resolution spectroscopy of single semiconductor nanostructures. Semiconductor Science and Technology, 1996, 11, 1569-1574.	1.0	9
130	Picosecond dynamics of quantum structure carriers measured by time resolved photoinduced intersubband absorption. Superlattices and Microstructures, 1995, 17, 5-9.	1.4	12
131	Optical transitions between light hole subbands in InGaAs/InP strained layer multiquantum wells. Applied Physics Letters, 1995, 66, 2268-2270.	1.5	2
132	Binding of Electrons and Holes at Quantum Wires Formed by T-Intersecting Quantum Wells. , 1995, , 93-100.		5
133	IntersubbandL-valley and heavy-hole transitions in undoped GaSb/AlSb superlattices. Physical Review B, 1994, 50, 8922-8925.	1.1	3
134	Modeling of electroabsorption in semiconductor quantum structures within the eight-bandkâ‹…ptheory. Physical Review B, 1994, 50, 11738-11745.	1.1	11
135	Photoinduced absorption within the valence Î“ and the conduction L-subband manifolds in undoped GaSb/AlSb superlattices. Superlattices and Microstructures, 1994, 15, 489-493.	1.4	1
136	Photomodulation spectroscopy of narrow minibands in the continuum of multi quantum wells. Solid-State Electronics, 1994, 37, 1269-1272.	0.8	4
137	Radiative lifetimes of excitons in quantum wires. Physical Review B, 1994, 50, 8930-8933.	1.1	59
138	Chapter 5 Optical Properties of Ga1-xInxAs/InP Quantum Wells. Semiconductors and Semimetals, 1994, , 337-419.	0.4	2
139	The Interaction of Photoexcited e-h Pairs with a two Dimensional Electron Gas Studied by Intersubband Spectroscopy. , 1994, , 331-343.		0
140	Spectroscopy of Narrow Minibands in the Continuum of Multi Quantum Wells. , 1994, , 275-289.		0
141	Calculating the optical properties of multidimensional heterostructures: Application to the modeling of quaternary quantum well lasers. IEEE Journal of Quantum Electronics, 1993, 29, 2433-2450.	1.0	187
142	Minibands in the continuum of multi-quantum-well superlattices. Physical Review Letters, 1993, 71, 2975-2978.	2.9	24
143	Optical Properties of Strain-Induced Nanometer Scale Quantum Wires. , 1993, , 337-349.		2
144	Interband and intersubband transitions in photoexcited mixed type I and type II GaAs/AlAs superlattices. European Physical Journal Special Topics, 1993, 03, 241-244.	0.2	0

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145	Intersubband transitions in InGaAs/InP quantum wells studied by photomodulation spectroscopy. Surface Science, 1992, 267, 461-463.	0.8	8
146	Photoinduced intersubband absorption in latticeâ€matched InGaAs/InP multiquantum well. Applied Physics Letters, 1991, 59, 970-972.	1.5	15
147	Eigenfunction-expansion method for solving the quantum-wire problem: Formulation. Physical Review B, 1991, 43, 4011-4022.	1.1	138
148	A comparison of atomic carbon versus beryllium acceptor doping in GaAs grown by molecular beam epitaxy. Journal of Crystal Growth, 1991, 111, 264-268.	0.7	52
149	Anisotropic optical properties of (110)-oriented quantum wells. Physical Review B, 1991, 44, 1930-1933.	1.1	56
150	Decay times of excitons in latticeâ€matched InGaAs/InP single quantum wells. Applied Physics Letters, 1991, 58, 965-967.	1.5	10
151	Metalorganic molecular beam epitaxial growth of InP/GaInAs multiquantum wells for infrared photodetection. Applied Physics Letters, 1991, 59, 552-554.	1.5	27
152	Gershoniet al. reply. Physical Review Letters, 1991, 66, 1375-1375.	2.9	9
153	Formation of a high quality twoâ€dimensional electron gas on cleaved GaAs. Applied Physics Letters, 1990, 56, 1697-1699.	1.5	368
154	Blue Stark shift in modulation strained InGaAs/InP quantum wells. Applied Physics Letters, 1990, 56, 1347-1349.	1.5	11
155	Metalorganic molecular beam epitaxy of InP, Ga0.47In0.53As, and GaAs with tertiarybutylarsine and tertiarybutylphosphine. Applied Physics Letters, 1990, 56, 1448-1450.	1.5	61
156	Optical transitions in quantum wires with strain-induced lateral confinement. Physical Review Letters, 1990, 65, 1631-1634.	2.9	162
157	Femtosecond Generation of Mid Infrared Pulses at 8.5 kHz via Parametric Mixing in AgGaS2. Springer Series in Chemical Physics, 1990, , 81-83.	0.2	0
158	Excitonic transitions in strained-layerInxGa1â^'xAs/InP quantum wells. Physical Review B, 1989, 39, 5531-5534.	1.1	67
159	Admittance spectroscopy measurement of band offsets in strained layers of InxGa1â^'xAs grown on InP. Applied Physics Letters, 1989, 54, 739-741.	1.5	87
160	Structural perfection of InGaAs/InP strainedâ€layer superlattices grown by gas source molecularâ€beam epitaxy: A highâ€resolution xâ€ray diffraction study. Journal of Applied Physics, 1989, 66, 3635-3638.	1.1	36
161	Critical layer thickness in strained Ga1â^'xInxAs/InP quantum wells. Applied Physics Letters, 1989, 55, 1668-1670.	1.5	89
162	Excitonic transitions in strained-layerInxGa1â^'xAs/GaAs quantum wells. Physical Review B, 1989, 40, 10017-10020.	1.1	34

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163	Optical properties of IIIâ€“V strained-layer quantum wells. Journal of Luminescence, 1989, 44, 381-398.	1.5	56
164	Exciton tunneling in GaAsxP1-x:N, a weakly disordered semiconductor. Journal of Luminescence, 1988, 40-41, 489-490.	1.5	0
165	Type-I to type-II superlattice transition in strained layers ofInxGa1â^'xAs grown on InP. Physical Review Letters, 1988, 60, 448-451.	2.9	65
166	Strainedâ€layer Ga1â^'xInxAs/InP avalanche photodetectors. Applied Physics Letters, 1988, 53, 1294-1296.	1.5	20
167	Excitonic transitions in lattice-matchedGa1â^'xInxAsInPquantum wells. Physical Review B, 1988, 38, 7870-7873.	1.1	54
168	Effects of twoâ€dimensional confinement on the optical properties of InGaAs/InP quantum wire structures. Applied Physics Letters, 1988, 53, 995-997.	1.5	143
169	Sequential screening layers in a photoexcitedIn1â^'xGaxAsInPsuperlattice. Physical Review B, 1988, 38, 13474-13477.	1.1	30
170	Phonon-assisted exciton tunneling inGaAsxP1â^'x:N. Physical Review B, 1988, 37, 4577-4582.	1.1	6
171	Electronic energy levels inInxGa1â^'xAs/InP strained-layer superlattices. Physical Review B, 1987, 36, 1320-1323.	1.1	56
172	InGaAsP/InP quantum well modulators grown by gas source molecular beam epitaxy. Applied Physics Letters, 1987, 50, 1776-1778.	1.5	55
173	Resonant Raman scattering and exciton localization in GaP:N and GaAsxP1â^'x:N. Journal of Luminescence, 1987, 38, 230-233.	1.5	9
174	Excitonic Mobility Edge inGaAsxP1â^'x. Physical Review Letters, 1986, 56, 2211-2214.	2.9	33
175	Perturbed excitons bound to nitrogen in GaP. Journal of Luminescence, 1985, 34, 83-88.	1.5	10
176	EXCITON TRANSFER IN GaAS_xP_{1-x} : N. Journal De Physique Colloque, 1985, 46, C7-203-C7-207.	0.2	0
177	Charm photoproduction at 20 GeV. Physical Review D, 1984, 30, 1-21.	1.6	33
178	Inclusive photoproduction of neutral strange particles at 20 GeV. Physical Review D, 1984, 29, 1877-1887.	1.6	23
179	Optical spectroscopy of single nanometer size semiconductor quantum dots. , 0, , .		0
180	Optical spectroscopy of single semiconductor quantum dots. , 0, , .		0

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181	Current induced absorption modulation using quantum structures in the collector of heterojunction bipolar transistors. , 0, , .		2
182	Optical spectroscopy of single semiconductor quantum dots. , 0, , .		0
183	Charging and switching the charge sign of single semiconductor quantum dots by all optical means. , 0, , .		0
184	Ultra small InAs/GaInP/InP quantum dots [MOMBE growth]. , 0, , .		0