Richard J Warburton

List of Publications by Year in descending order

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47006 51608 7,772 135 47 86 citations g-index h-index papers 135 135 135 5491 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	A chiral one-dimensional atom using a quantum dot in an open microcavity. Npj Quantum Information, 2022, 8, .	6.7	4
2	Wafer-scale epitaxial modulation of quantum dot density. Nature Communications, 2022, 13, 1633.	12.8	9
3	A hole spin qubit in a fin field-effect transistor above 4 kelvin. Nature Electronics, 2022, 5, 178-183.	26.0	69
4	A diamond-confined open microcavity featuring a high quality-factor and a small mode-volume. Journal of Applied Physics, 2022, 131, .	2.5	10
5	A deterministic source of single photons. Physics Today, 2022, 75, 44-50.	0.3	13
6	Quantum interference of identical photons from remote GaAs quantum dots. Nature Nanotechnology, 2022, 17, 829-833.	31.5	48
7	Single-Photon Radiative Auger Emission from a Quantum Dot. , 2021, , .		O
8	Low-noise GaAs quantum dots in a p-i-n diode. , 2021, , .		0
9	Self-aligned gates for scalable silicon quantum computing. Applied Physics Letters, 2021, 118, .	3.3	26
10	Suppression of Surface-Related Loss in a Gated Semiconductor Microcavity. Physical Review Applied, 2021, 15, .	3.8	11
11	Tuning the Mode Splitting of a Semiconductor Microcavity with Uniaxial Stress. Physical Review Applied, 2021, 15, .	3.8	6
12	Low-Charge-Noise Nitrogen-Vacancy Centers in Diamond Created Using Laser Writing with a Solid-Immersion Lens. ACS Photonics, 2021, 8, 1726-1734.	6.6	28
13	Coherent Spin-Photon Interface with Waveguide Induced Cycling Transitions. Physical Review Letters, 2021, 126, 013602.	7.8	27
14	A bright and fast source of coherent single photons. Nature Nanotechnology, 2021, 16, 399-403.	31.5	268
15	Charge Tunable GaAs Quantum Dots in a Photonic n-i-p Diode. Nanomaterials, 2021, 11, 2703.	4.1	6
16	Optically driving the radiative Auger transition. Nature Communications, 2021, 12, 6575.	12.8	6
17	Giant Stark splitting of an exciton in bilayer MoS2. Nature Nanotechnology, 2020, 15, 901-907.	31.5	72
18	Near Transform-Limited Quantum Dot Linewidths in a Broadband Photonic Crystal Waveguide. ACS Photonics, 2020, 7, 2343-2349.	6.6	28

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19	On-chip deterministic operation of quantum dots in dual-mode waveguides for a plug-and-play single-photon source. Nature Communications, 2020, 11, 3782.	12.8	48
20	Low-noise GaAs quantum dots for quantum photonics. Nature Communications, 2020, 11, 4745.	12.8	79
21	Statistically modeling optical linewidths of nitrogen vacancy centers in microstructures. Physical Review B, 2020, 102, .	3.2	13
22	Large-range frequency tuning of a narrow-linewidth quantum emitter. Applied Physics Letters, 2020, 117, .	3.3	12
23	First-Order Magnetic Phase Transition of Mobile Electrons in Monolayer <mml:math display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><mml:mrow><</mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:msub></mml:mrow></mml:math>	nl:mn>2<	/mml:mn> </td
24	Controlling interlayer excitons in MoS2 layers grown by chemical vapor deposition. Nature Communications, 2020, 11, 2391.	12.8	73
25	Radiative Auger process in the single-photon limit. Nature Nanotechnology, 2020, 15, 558-562.	31.5	23
26	Cavity-Enhanced Raman Scattering for $\langle i \rangle$ In Situ $\langle i \rangle$ Alignment and Characterization of Solid-State Microcavities. Physical Review Applied, 2020, 13, .	3.8	17
27	Towards Spin-Multiphoton Entanglement using Quantum Dots with Asymmetric Waveguide Coupling. , 2020, , .		O
28	Excitons in InGaAs quantum dots without electron wetting layer states. Communications Physics, 2019, 2, .	5.3	25
29	Intrinsically-limited timing jitter in molybdenum silicide superconducting nanowire single-photon detectors. Journal of Applied Physics, 2019, 126, 164501.	2.5	16
30	Correlations between optical properties and Voronoi-cell area of quantum dots. Physical Review B, 2019, 100, .	3.2	13
31	Spin-polarized electrons in monolayer MoS2. Nature Nanotechnology, 2019, 14, 432-436.	31.5	76
32	Coherent Optical Control of a Quantum-Dot Spin-Qubit in a Waveguide-Based Spin-Photon Interface. Physical Review Applied, 2019, 11, .	3.8	20
33	A gated quantum dot strongly coupled to an optical microcavity. Nature, 2019, 575, 622-627.	27.8	145
34	Quantum Optics with Near-Lifetime-Limited Quantum-Dot Transitions in a Nanophotonic Waveguide. Nano Letters, 2018, 18, 1801-1806.	9.1	49
35	High-detection efficiency and low-timing jitter with amorphous superconducting nanowire single-photon detectors. Applied Physics Letters, 2018, 112, .	3.3	89
36	Quantum-Confined Stark Effect in a MoS ₂ Monolayer van der Waals Heterostructure. Nano Letters, 2018, 18, 1070-1074.	9.1	55

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37	Far-field nanoscopy on a semiconductor quantum dot via a rapid-adiabatic-passage-based switch. Nature Photonics, 2018, 12, 68-72.	31.4	18
38	Spin–photon interface and spin-controlled photon switching in a nanobeam waveguide. Nature Nanotechnology, 2018, 13, 398-403.	31.5	85
39	Optical second harmonic generation in encapsulated single-layer InSe. AIP Advances, 2018, 8, .	1.3	24
40	On-demand semiconductor source of 780-nm single photons with controlled temporal wave packets. Physical Review B, 2018, 97, .	3.2	17
41	Fabrication of mirror templates in silica with micron-sized radii of curvature. Applied Physics Letters, 2017, 110, .	3.3	26
42	Ultra-low charge and spin noise in self-assembled quantum dots. Journal of Crystal Growth, 2017, 477, 193-196.	1.5	15
43	Optically probing the detection mechanism in a molybdenum silicide superconducting nanowire single-photon detector. Applied Physics Letters, 2017, 110, .	3.3	32
44	Indistinguishable and efficient single photons from a quantum dot in a planar nanobeam waveguide. Physical Review B, 2017, 96, .	3.2	85
45	Coherent and robust high-fidelity generation of a biexciton in a quantum dot by rapid adiabatic passage. Physical Review B, 2017, 95, .	3.2	41
46	Deterministic Enhancement of Coherent Photon Generation from a Nitrogen-Vacancy Center in Ultrapure Diamond. Physical Review X, 2017, 7, .	8.9	108
47	Demonstrating the decoupling regime of the electron-phonon interaction in a quantum dot using chirped optical excitation. Physical Review B, 2017, 95, .	3.2	31
48	Resonant driving of a single photon emitter embedded in a mechanical oscillator. Nature Communications, 2017, 8, 76.	12.8	39
49	Simple Atomic Quantum Memory Suitable for Semiconductor Quantum Dot Single Photons. Physical Review Letters, 2017, 119, 060502.	7.8	77
50	Narrow optical linewidths and spin pumping on charge-tunable close-to-surface self-assembled quantum dots in an ultrathin diode. Physical Review B, 2017, 96, .	3.2	29
51	A Self-assembled Quantum Dot as Single Photon Source and Spin Qubit: Charge Noise and Spin Noise. Nano-optics and Nanophotonics, 2017, , 287-323.	0.2	0
52	Role of the electron spin in determining the coherence of the nuclear spins in a quantum dot. Nature Nanotechnology, 2016, 11, 885-889.	31.5	32
53	A fiber-coupled quantum-dot on a photonic tip. Applied Physics Letters, 2016, 108, .	3.3	54
54	A tunable fiber-coupled optical cavity for agile enhancement of detector absorption. Journal of Applied Physics, 2016, 120, .	2.5	3

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55	Decoupling a hole spin qubit from the nuclearÂspins. Nature Materials, 2016, 15, 981-986.	27.5	76
56	Electrically tunable hole <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>g</mml:mi></mml:math> factor of an optically active quantum dot for fast spin rotations. Physical Review B, 2015, 91, .	3.2	35
57	Towards high-cooperativity strong coupling of a quantum dot in a tunable microcavity. Physical Review B, 2015, 92, .	3.2	28
58	An artificial Rb atom in a semiconductor with lifetime-limited linewidth. Physical Review B, 2015, 92, .	3.2	54
59	Epitaxial lift-off for solid-state cavity quantum electrodynamics. Journal of Applied Physics, 2015, 118, .	2.5	5
60	Transform-limited single photons from a single quantum dot. Nature Communications, 2015, 6, 8204.	12.8	180
61	Manipulation of the nuclear spin ensemble in a quantum dot with chirped magnetic resonance pulses. Nature Nanotechnology, 2014, 9, 671-675.	31.5	27
62	High Resolution Coherent Population Trapping on a Single Hole Spin in a Semiconductor Quantum Dot. Physical Review Letters, 2014, 112, 107401.	7.8	40
63	A small mode volume tunable microcavity: Development and characterization. Applied Physics Letters, 2014, 105, .	3.3	71
64	Nano-optical observation of cascade switching in a parallel superconducting nanowire single photon detector. Applied Physics Letters, 2014, 104, .	3.3	12
65	A dark-field microscope for background-free detection of resonance fluorescence from single semiconductor quantum dots operating in a set-and-forget mode. Review of Scientific Instruments, 2013, 84, 073905.	1.3	108
66	Charge noise and spin noise in a semiconductor quantum device. Nature Physics, 2013, 9, 570-575.	16.7	320
67	Single spins in self-assembled quantum dots. Nature Materials, 2013, 12, 483-493.	27.5	277
68	Frequency-Stabilized Source of Single Photons from a Solid-State Qubit. Physical Review X, 2013, 3, .	8.9	29
69	Prospects for storage and retrieval of a quantum-dot single photon in an ultracold <mml:math display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow></mml:mrow><mml:mn>87</mml:mn></mml:msup></mml:math> Rb ensemble. Physical Review A, 2013, 88, .	2.5	18
70	Exciton fine-structure splitting of telecom-wavelength single quantum dots: Statistics and external strain tuning. Physical Review B, 2013, 88, .	3.2	17
71	Fast electro-optics of a single self-assembled quantum dot in a charge-tunable device. Journal of Applied Physics, 2012, 111, 043112.	2.5	4
72	Laser micro-fabrication of concave, low-roughness features in silica. AIP Advances, 2012, 2, .	1.3	112

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73	A superconducting nanowire single photon detector on lithium niobate. Nanotechnology, 2012, 23, 505201.	2.6	38
74	Probing Single-Charge Fluctuations at a <mml:math display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>GaAs</mml:mi><mml:mo>/</mml:mo><mml:mi>AlAs</mml:mi></mml:math> Interface Using Laser Spectroscopy on a Nearby InGaAs Quantum Dot. Physical Review Letters, 2012, 108, 107401.	7.8	125
75	Laser spectroscopy of individual quantum dots charged with a single hole. Applied Physics Letters, 2011, 99, .	3.3	14
76	Controlling the Interaction of Electron and Nuclear Spins in a Tunnel-Coupled Quantum Dot. Physical Review Letters, 2011, 106, 046802.	7.8	27
77	Spatial dependence of output pulse delay in a niobium nitride nanowire superconducting single-photon detector. Applied Physics Letters, 2011, 98, 201116.	3.3	34
78	A tunable microcavity. Journal of Applied Physics, 2011, 110, 053107.	2.5	49
79	Determination of the etching mechanism in MgS and ZnMgSSe epitaxial liftâ€off layers. Physica Status Solidi (B): Basic Research, 2010, 247, 1399-1401.	1.5	3
80	Noninvasive probing of persistent conductivity in high quality ZnCdSe/ZnSe quantum wells using surface acoustic waves. Journal of Applied Physics, 2010, 107, 093717.	2.5	12
81	Enhanced telecom wavelength single-photon detection with NbTiN superconducting nanowires on oxidized silicon. Applied Physics Letters, 2010, 96, .	3.3	99
82	Structure of quantum dots as seen by excitonic spectroscopy versus structural characterization: Using theory to close the loop. Physical Review B, 2009, 80, .	3.2	45
83	Gigahertz bandwidth electrical control over a dark exciton-based memory bit in a single quantum dot. Applied Physics Letters, 2009, 94, .	3.3	41
84	Temperature dependent high resolution resonant spectroscopy on a charged quantum dot. Physica Status Solidi (B): Basic Research, 2009, 246, 795-798.	1.5	7
85	A Coherent Single-Hole Spin in a Semiconductor. Science, 2009, 325, 70-72.	12.6	319
86	Optical pumping of a single hole spin in a quantum dot. Nature, 2008, 451, 441-444.	27.8	355
87	The nonlinear Fano effect. Nature, 2008, 451, 311-314.	27.8	200
88	Nanoscale optical microscopy in the vectorial focusing regime. Nature Photonics, 2008, 2, 311-314.	31.4	84
89	Electronics lightens up. Nature Physics, 2008, 4, 676-677.	16.7	8
90	Power law carrier dynamics in semiconductor nanocrystals at nanosecond timescales. Applied Physics Letters, 2008, 92, 101111.	3.3	78

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91	Optically Induced Hybridization of a Quantum Dot State with a Filled Continuum. Physical Review Letters, 2008, 100, 176801.	7.8	37
92	Rabi splitting and ac-Stark shift of a charged exciton. Applied Physics Letters, 2008, 92, .	3.3	33
93	Coulomb interactions in single charged self-assembled quantum dots: Radiative lifetime and recombination energy. Physical Review B, 2008, 77, .	3.2	76
94	Hole recapture limited single photon generation from a single n-type charge-tunable quantum dot. Applied Physics Letters, 2008, 92, .	3.3	16
95	Resonant transmission spectroscopy on the p to p transitions of a charge tunable InGaAs quantum dot. Applied Physics Letters, 2008, 92, 153103.	3.3	11
96	Optical Detection of Single-Electron Spin Resonance in a Quantum Dot. Physical Review Letters, 2008, 100, 156803.	7.8	48
97	Resonant two-color high-resolution spectroscopy of a negatively charged exciton in a self-assembled quantum dot. Physical Review B, 2008, 78, .	3.2	28
98	RESONANT INTERACTION BETWEEN A QUANTUM DOT AND A NARROWBAND LASER: SPECTROSCOPY AND OPTICAL PUMPING OF A SINGLE SPIN. International Journal of Modern Physics B, 2007, 21, 1307-1315.	2.0	4
99	Three-dimensional nanoscale subsurface optical imaging of silicon circuits. Applied Physics Letters, 2007, 90, 131101.	3.3	31
100	Nanometric three-dimensional sub-surface imaging of a silicon flip-chip., 2007,,.		0
101	Angle resolved transmission spectroscopy of ZnSe based microcavities fabricated using epitaxial liftoff technique. , 2007, , .		0
102	Nanometric three-dimensional sub-surface imaging of a silicon flip-chip., 2007,,.		0
103	Modulation spectroscopy on a single self assembled quantum dot. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 381-389.	1.8	2
104	Peculiar many-body effects revealed inÂtheÂspectroscopy of highly charged quantumÂdots. Nature Physics, 2007, 3, 774-779.	16.7	96
105	Stable fiber-based Fabry-Pérot cavity. Applied Physics Letters, 2006, 89, 111110.	3.3	83
106	Effect of uniaxial stress on excitons in a self-assembled quantum dot. Applied Physics Letters, 2006, 88, 203113.	3.3	199
107	The effects of in situ annealing on CdSe quantum dots grown by ALE. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 908-911.	0.8	0
108	Controlled charging of the same single quantum dot from +6e to -8e: emission, shell filling and configuration interactions. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 3806-3810.	0.8	4

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109	Direct and exchange Coulomb energies in CdSe/ZnSe quantum dots. Physica Status Solidi (B): Basic Research, 2006, 243, 782-786.	1.5	5
110	Voltage-Controlled Electron-Hole Interaction in a Single Quantum Dot. Journal of Superconductivity and Novel Magnetism, 2005, 18, 245-249.	0.5	3
111	Coherent spin dynamics in semiconductor quantum dots. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 3157-3162.	0.8	0
112	Dark exciton decay dynamics of a semiconductor quantum dot. Physica Status Solidi (A) Applications and Materials Science, 2005, 202, 2591-2597.	1.8	18
113	Epitaxial liftoff of ZnSe-based heterostructures using a II-VI release layer. Applied Physics Letters, 2005, 86, 011915.	3.3	34
114	Spin-selective optical absorption of singly charged excitons in a quantum dot. Applied Physics Letters, 2005, 86, 221905.	3.3	49
115	Absorption and photoluminescence spectroscopy on a single self-assembled charge-tunable quantum dot. Physical Review B, 2005, 72, .	3.2	65
116	Voltage Control of the Spin Dynamics of an Exciton in a Semiconductor Quantum Dot. Physical Review Letters, 2005, 94, 197402.	7.8	153
117	Hybridization of electronic states in quantum dots through photon emission. Nature, 2004, 427, 135-138.	27.8	113
118	Fine structure of highly charged quantum dot excitons: turning dark into bright states. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 421-425.	0.8	0
119	Temperature dependent photoluminescence of CdSe quantum dots grown in MgS and ZnSe. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 755-758.	0.8	5
120	Electronic quantum dot states induced through photon emission. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 2079-2093.	0.8	0
121	Temperature-dependent linewidth of charged excitons in semiconductor quantum dots: Strongly broadened ground state transitions due to acoustic phonon scattering. Physical Review B, 2004, 69, .	3.2	47
122	Voltage-Controlled Optics of a Quantum Dot. Physical Review Letters, 2004, 93, 217401.	7.8	216
123	Growth and Spectroscopy of CdSe: Mn Quantum Dots. Journal of Superconductivity and Novel Magnetism, 2003, 16, 19-22.	0.5	5
124	Optical transmission and reflection spectroscopy of single quantum dots. Superlattices and Microstructures, 2003, 33, 311-337.	3.1	50
125	Magnetic properties of charged excitons in self-assembled quantum dots. Physica Status Solidi (B): Basic Research, 2003, 238, 293-296.	1.5	4
126	Kondo excitons in self-assembled quantum dots. Physical Review B, 2003, 67, .	3.2	22

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127	Optically tunable mechanics of microlevers. Applied Physics Letters, 2003, 83, 1337-1339.	3.3	62
128	Fine Structure of Highly Charged Excitons in Semiconductor Quantum Dots. Physical Review Letters, 2003, 90, 247403.	7.8	124
129	Dark exciton signatures in time-resolved photoluminescence of single quantum dots. Materials Research Society Symposia Proceedings, 2003, 789, 365.	0.1	0
130	Magneto-optical properties of charged excitons in quantum dots. Physical Review B, 2002, 66, .	3.2	63
131	Charged Excitons in Self-assembled Quantum Dots. Materials Research Society Symposia Proceedings, 2002, 737, 75.	0.1	1
132	Kondo-excitons and Auger processes in self-assembled quantum dots. Materials Research Society Symposia Proceedings, 2002, 737, 86.	0.1	1
133	Giant permanent dipole moments of excitons in semiconductor nanostructures. Physical Review B, 2002, 65, .	3.2	147
134	Optical emission from a charge-tunable quantum ring. Nature, 2000, 405, 926-929.	27.8	832
135	Intraband and interband magneto-optics ofp-typeIn0.18Ga0.82As/GaAs quantum wells. Physical Review B, 1991, 43, 14124-14133.	3.2	12