AtaÃ§ Ä°mamoÄlu

List of Publications by Year
in descending order

Version: 2024-02-01

172	31,521	8755 75	5539 163
papers	citations	h-index	g-index

176	176	176	15867
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electromagnetically induced transparency: Optics in coherent media. Reviews of Modern Physics, 2005, 77, 633-673.	45.6	4,235
2	Observation of electromagnetically induced transparency. Physical Review Letters, 1991, 66, 2593-2596.	7.8	2,610
3	A Quantum Dot Single-Photon Turnstile Device. Science, 2000, 290, 2282-2285.	12.6	2,170
4	Nonlinear optical processes using electromagnetically induced transparency. Physical Review Letters, 1990, 64, 1107-1110.	7.8	1,700
5	Quantum nature of a strongly coupled single quantum dotâ€“cavity system. Nature, 2007, 445, 896-899.	27.8	1,553
6	Giant Kerr nonlinearities obtained by electromagnetically induced transparency. Optics Letters, 1996, 21, 1936.	3.3	1,053
7	Strongly Interacting Photons in a Nonlinear Cavity. Physical Review Letters, 1997, 79, 1467-1470.	7.8	866
8	Quantum correlation among photons from a single quantum dot at room temperature. Nature, 2000, 406, 968-970.	27.8	857
9	Controlling photons using electromagnetically induced transparency. Nature, 2001, 413, 273-276.	27.8	691
10	Valley Zeeman effect in elementary optical excitations of monolayer WSe2. Nature Physics, 2015, 11, 141-147.	16.7	648
11	Optically active quantum dots in monolayer WSe2. Nature Nanotechnology, 2015, 10, 491-496.	31.5	648
12	Deterministic Coupling of Single Quantum Dots to Single Nanocavity Modes. Science, 2005, 308, 1158-1161.	12.6	600
13	Nonlinear Optics and Quantum Entanglement of Ultraslow Single Photons. Physical Review Letters, 2000, 84, 1419-1422.	7.8	566
14	Quantum-Dot Spin-State Preparation with Near-Unity Fidelity. Science, 2006, 312, 551-553.	12.6	480
15	Very large tunneling magnetoresistance in layered magnetic semiconductor CrI3. Nature Communications, 2018, 9, 2516.	12.8	472
16	Observation of entanglement between a quantum dot spin and a single photon. Nature, 2012, 491, 426-430.	27.8	380
17	Fermi polaron-polaritons in charge-tunable atomically thin semiconductors. Nature Physics, 2017, 13, 255-261.	16.7	379
18	Ultrafast all-optical switching by single photons. Nature Photonics, 2012, 6, 605-609.	31.4	349

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19	Lasers without inversion: interference of dressed lifetime-broadened states. Optics Letters, 1989, 14, 1344.	3.3	331
20	Epitaxially Self-Assembled Quantum Dots. Physics Today, 2001, 54, 46-52.	0.3	323
21	Origin of strong photon antibunching in weakly nonlinear photonic molecules. Physical Review A, 2011, 83, .	2.5	299
22	Nuclear spin physics in quantum dots: An optical investigation. Reviews of Modern Physics, 2013, 85, 79-133.	45.6	298
23	Strongly correlated photons on a chip. Nature Photonics, 2012, 6, 93-96.	31.4	293
24	Optically Bright Quantum Dots in Single Nanowires. Nano Letters, 2005, 5, 1439-1443.	9.1	266
25	Cavity QED Based on Collective Magnetic Dipole Coupling: Spin Ensembles as Hybrid Two-Level Systems. Physical Review Letters, 2009, 102, 083602.	7.8	259
26	Tunneling induced transparency: Fano interference in intersubband transitions. Applied Physics Letters, 1997, 70, 3455-3457.	3.3	251
27	Strongly correlated electrons and hybrid excitons in a moirÃ© heterostructure. Nature, 2020, 580, 472-477.	27.8	250
28	Dissipative phase transition in a central spin system. Physical Review A, 2012, 86, .	2.5	234
29	Photon Antibunching in the Photoluminescence Spectra of a Single Carbon Nanotube. Physical Review Letters, 2008, 100, 217401.	7.8	232
30	Generation of heralded entanglement between distant hole spins. Nature Physics, 2016, 12, 218-223.	16.7	226
31	Observation of Faraday rotation from a single confined spin. Nature Physics, 2007, 3, 101-106.	16.7	216
32	Fermionized Photons in an Array of Driven Dissipative Nonlinear Cavities. Physical Review Letters, 2009, 103, 033601.	7.8	216
33	Coherent manipulation, measurement and entanglement of individual solid-state spins using optical fields. Nature Photonics, 2015, 9, 363-373.	31.4	208
34	Cavity-quantum electrodynamics using a single InAs quantum dot in a microdisk structure. Applied Physics Letters, 2001, 78, 3932-3934.	3.3	192
35	Stimulated Scattering of Indirect Excitons in Coupled Quantum Wells: Signature of a Degenerate Bose-Gas of Excitons. Physical Review Letters, 2001, 86, 5608-5611.	7.8	184
36	Explanation of Photon Correlations in the Far-Off-Resonance Optical Emission from a Quantum-Dotâ€“Cavity System. Physical Review Letters, 2009, 103, 207403.	7.8	182

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37	Semiconductor lasers without population inversion. Optics Letters, 1994, 19, 1744.	3.3	178
38	Knight-Field-Enabled Nuclear Spin Polarization in Single Quantum Dots. Physical Review Letters, 2006, 96, 167403.	7.8	176
39	The quantum-optical Josephson interferometer. Nature Physics, 2009, 5, 281-284.	16.7	171
40	Confluence of resonant laser excitation and bidirectional quantum-dot nuclear-spin polarization. Nature Physics, 2009, 5, 758-763.	16.7	160
41	Collective Intersubband Excitations in Quantum Wells: Coulomb Interaction versus Subband Dispersion. Physical Review Letters, 1997, 79, 4633-4636.	7.8	147
42	Towards polariton blockade of confined excitonâ€“polaritons. Nature Materials, 2019, 18, 219-222.	27.5	146
43	Fano interference of collective excitations in semiconductor quantum wells and lasing without inversion. Physical Review B, 1999, 59, 12212-12215.	3.2	145
44	Laser emission from quantum dots in microdisk structures. Applied Physics Letters, 2000, 77, 184-186.	3.3	139
45	Conditional Dynamics of Interacting Quantum Dots. Science, 2008, 320, 772-775.	12.6	137
46	Quantum computation with quantum dots and terahertz cavity quantum electrodynamics. Physical Review A, 1999, 60, 3508-3514.	2.5	131
47	Enhancement of Electron Spin Coherence by Optical Preparation of Nuclear Spins. Physical Review Letters, 2006, 96, 136401.	7.8	128
48	Quantum dynamics of exciton lasers. Physics Letters, Section A: General, Atomic and Solid State Physics, 1996, 214, 193-198.	2.1	127
49	Ultra-long-distance interaction between spin qubits. Physical Review B, 2006, 74, .	3.2	126
50	Inhibition of Coherence in Trapped Bose-Einstein Condensates. Physical Review Letters, 1997, 78, 2511-2514.	7.8	122
51	Signatures of Bloch-Band Geometry on Excitons: Nonhydrogenic Spectra in Transition-Metal Dichalcogenides. Physical Review Letters, 2015, 115, 166802.	7.8	122
52	Signatures of a dissipative phase transition in photon correlation measurements. Nature Physics, 2018, 14, 365-369.	16.7	120
53	Photon correlation spectroscopy of a single quantum dot. Physical Review B, 2002, 65, .	3.2	116
54	Interface roughness and alloyâ€disorder scattering contributions to intersubband transition linewidths. Applied Physics Letters, 1996, 69, 2554-2556.	3.3	114

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55	Nonclassical radiation from a single self-assembled InAs quantum dot. Physical Review B, 2001, 63, .	3.2	114
56	Dynamics of Quantum Dot Nuclear Spin Polarization Controlled by a Single Electron. Physical Review Letters, 2007, 99, 056804.	7.8	114
57	Signatures of the superfluid-insulator phase transition in laser-driven dissipative nonlinear cavity arrays. Physical Review A, 2010, 81, .	2.5	111
58	Realization of an Electrically Tunable Narrow-Bandwidth Atomically Thin Mirror Using Monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>MoSe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></ Physical Review Letters, 2018, 120, 037401.	7.8	111
59	Nonlinear optical devices based on a transparency in semiconductor intersubband transitions. Optics Communications, 1996, 131, 333-338.	2.1	109
60	Signatures of Wigner crystal of electrons in a monolayer semiconductor. Nature, 2021, 595, 53-57.	27.8	102
61	Measurement of a Heavy-Hole Hyperfine Interaction in InGaAs Quantum Dots Using Resonance Fluorescence. Physical Review Letters, 2010, 105, 257402.	7.8	101
62	Controlling a Mesoscopic Spin Environment by Quantum Bit Manipulation. Physical Review Letters, 2003, 91, 246802.	7.8	99
63	Strong Extinction of a Far-Field Laser Beam by a Single Quantum Dot. Nano Letters, 2007, 7, 2892-2896.	9.1	98
64	Superconductivity and other collective phenomena in a hybrid Bose-Fermi mixture formed by a polariton condensate and an electron system in two dimensions. Physical Review B, 2016, 93, .	3.2	95
65	Quantum quench of Kondo correlations in optical absorption. Nature, 2011, 474, 627-630.	27.8	92
66	Laser cooling and real-time measurement of the nuclear spin environment of a solid-state qubit. Nature, 2011, 478, 497-501.	27.8	90
67	High Efficiency Photon Counting Using Stored Light. Physical Review Letters, 2002, 89, 163602.	7.8	89
68	Coherent Two-Electron Spin Qubits in an Optically Active Pair of Coupled InGaAs Quantum Dots. Physical Review Letters, 2012, 109, 107401.	7.8	89
69	Optical properties of single InAs quantum dots in close proximity to surfaces. Applied Physics Letters, 2004, 85, 3423-3425.	3.3	87
70	Observation of a laserlike transition in a microcavity exciton polariton system. Physical Review A, 1996, 54, R1789-R1792.	2.5	84
71	Cavity quantum electrodynamics with many-body states of a two-dimensional electron gas. Science, 2014, 346, 332-335.	12.6	83
72	Giant Paramagnetism-Induced Valley Polarization of Electrons in Charge-Tunable Monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>MoSe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2017, 118, 237404.	7.8	82

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73	Photoluminescence kinetics of indirect excitons inGaAs/AlxGa1â^'xAscoupled quantum wells. Physical Review B, 1999, 59, 1625-1628.	3.2	81
74	Interactions and Magnetotransport through Spin-Valley Coupled Landau Levels in Monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>MoS</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow> Physical Review Letters, 2018, 121, 247701.	7.8	80
75	Observation of Magnetic Proximity Effect Using Resonant Optical Spectroscopy of an Electrically Tunable <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>MoSe</mml:mi></mml:mrow><mml:mrow><mml:mrow><mml:mn> Heterostructure. Physical Review Letters, 2020, 124, 197401.	7.8	80
76	Observation of Dressed Excitonic States in a Single Quantum Dot. Physical Review Letters, 2008, 100, 177401.	7.8	75
77	Majorana-like Modes of Light in a One-Dimensional Array of Nonlinear Cavities. Physical Review Letters, 2012, 109, 253606.	7.8	74
78	Quantum measurement of a mesoscopic spin ensemble. Physical Review A, 2006, 74, .	2.5	71
79	Breakdown of the nuclear-spin-temperature approach in quantum-dot demagnetization experiments. Nature Physics, 2009, 5, 407-411.	16.7	69
80	Majorana Modes in Driven-Dissipative Atomic Superfluids with a Zero Chern Number. Physical Review Letters, 2012, 109, 130402.	7.8	65
81	Dynamic Nuclear Spin Polarization in the Resonant Laser Excitation of an InGaAs Quantum Dot. Physical Review Letters, 2012, 108, 197403.	7.8	63
82	Interacting Polaron-Polaritons. Physical Review X, 2020, 10, .	8.9	63
83	Observation of Quantum Jumps of a Single Quantum Dot Spin Using Submicrosecond Single-Shot Optical Readout. Physical Review Letters, 2014, 112, 116802.	7.8	61
84	Many-Body Dynamics of Exciton Creation in a Quantum Dot by Optical Absorption: A Quantum Quench towards Kondo Correlations. Physical Review Letters, 2011, 106, 107402.	7.8	58
85	Cavity quantum electrodynamics with charge-controlled quantum dots coupled to a fiber Fabryâ€“Perot cavity. New Journal of Physics, 2013, 15, 045002.	2.9	58
86	Quantum Dot Spectroscopy Using Cavity Quantum Electrodynamics. Physical Review Letters, 2008, 101, 226808.	7.8	57
87	Photonic crystal microcavities with self-assembled InAs quantum dots as active emitters. Applied Physics Letters, 2001, 78, 2279-2281.	3.3	54
88	All-Optical Manipulation of Electron Spins in Carbon-Nanotube Quantum Dots. Physical Review Letters, 2008, 101, 157404.	7.8	53
89	High-speed properties of a phase-modulation scheme based on electromagnetically induced transparency. Optics Letters, 1998, 23, 1007.	3.3	51
90	Square-lattice photonic crystal microcavities for coupling to single InAs quantum dots. Applied Physics Letters, 2003, 83, 3650-3652.	3.3	51

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91	Enhanced Interactions between Dipolar Polaritons. Physical Review Letters, 2018, 121, 227402.	7.8	51
92	Theory of exciton-electron scattering in atomically thin semiconductors. Physical Review B, 2020, 101, .	3.2	50
93	Spin-selective optical absorption of singly charged excitons in a quantum dot. Applied Physics Letters, 2005, 86, 221905.	3.3	49
94	Interaction-Induced Shubnikovâ€“de Haas Oscillations in Optical Conductivity of Monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>MoSe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></ Physical Review Letters, 2019, 123, 097403.	7.8	48
95	Hyperfine Interaction-Dominated Dynamics of Nuclear Spins in Self-Assembled InGaAs Quantum Dots. Physical Review Letters, 2011, 107, 167401.	7.8	46
96	Electrically tunable artificial gauge potential for polaritons. Nature Communications, 2017, 8, 14540.	12.8	46
97	Nuclear Spin Cooling Using Overhauser-Field Selective Coherent Population Trapping. Physical Review Letters, 2010, 105, 267202.	7.8	45
98	Feshbach blockade: Single-photon nonlinear optics using resonantly enhanced cavity polariton scattering from biexciton states. Europhysics Letters, 2010, 90, 37001.	2.0	44
99	Cavity Quantum Electrodynamics at Arbitrary Light-Matter Coupling Strengths. Physical Review Letters, 2021, 126, 153603.	7.8	44
100	High-Q photonic crystal microcavities fabricated in a thin GaAs membrane. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2001, 19, 2749.	1.6	41
101	Cavity-quantum electrodynamics with quantum dots. Journal of Optics B: Quantum and Semiclassical Optics, 2003, 5, 129-137.	1.4	40
102	Polariton Boxes in a Tunable Fiber Cavity. Physical Review Applied, 2015, 3, .	3.8	39
103	Realization of a Cascaded Quantum System: Heralded Absorption of a Single Photon Qubit by a Single-Electron Charged Quantum Dot. Physical Review Letters, 2017, 118, 177401.	7.8	36
104	Polaron Polaritons in the Integer and Fractional Quantum Hall Regimes. Physical Review Letters, 2018, 120, 057401.	7.8	35
105	Large interband second-order susceptibilities in InxGa1â^'xN/GaN quantum wells. Applied Physics Letters, 1999, 75, 3611-3613.	3.3	32
106	Nonlinear optics in the fractional quantum Hall regime. Nature, 2019, 572, 91-94.	27.8	30
107	Atomically thin semiconductors as nonlinear mirrors. Physical Review A, 2017, 96, .	2.5	27
108	Are quantum dots useful for quantum computation?. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 16, 47-50.	2.7	26

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109	Strong Electron-Hole Exchange in Coherently Coupled Quantum Dots. Physical Review Letters, 2008, 100, 106401.	7.8	26
110	Exciton-assisted optomechanics with suspended carbon nanotubes. New Journal of Physics, 2012, 14, 115003.	2.9	26
111	Electrically tunable quantum confinement of neutral excitons. Nature, 2022, 606, 298-304.	27.8	25
112	Inversionless amplification in the three-level atoms with and without a hidden inversion in reservoir. Physical Review A, 1998, 58, 649-654.	2.5	24
113	Engineering Matter Interactions Using Squeezed Vacuum. Physical Review X, 2017, 7, .	8.9	24
114	Optical Signatures of Periodic Charge Distribution in a Mott-like Correlated Insulator State. Physical Review X, 2021, 11, .	8.9	24
115	Transport of Neutral Optical Excitations Using Electric Fields. Physical Review X, 2019, 9, .	8.9	23
116	Electromagnetically induced transparency with two dimensional electron spins. Optics Communications, 2000, 179, 179-182.	2.1	22
117	Resonant Spectroscopy on Charge Tunable Quantum Dots in Photonic Crystal Structures. IEEE Journal of Quantum Electronics, 2011, 47, 1371-1374.	1.9	22
118	Fabrication of high Q square-lattice photonic crystal microcavities. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2003, 21, 2918.	1.6	19
119	Coulomb effects in spatially separated electron and hole layers in coupled quantum wells. Journal of Experimental and Theoretical Physics, 2001, 92, 260-266.	0.9	18
120	Nonclassical Radiation from a Single Quantum Dot. Physica Status Solidi (B): Basic Research, 2002, 229, 399-405.	1.5	18
121	Kinetics of condensation in trapped exciton gases. Physical Review B, 1997, 56, 5306-5315.	3.2	17
122	A quantum dot single-photon source. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 13, 412-417.	2.7	16
123	Coherent optical manipulation of triplet-singlet states in coupled quantum dots. Physical Review B, 2007, 75, .	3.2	16
124	Measurement of spin coherence using Raman scattering. Physical Review B, 2016, 93, .	3.2	16
125	Accelerating Polaritons with External Electric and Magnetic Fields. Physical Review X, 2020, 10, .	8.9	16
126	Phase-space filling and stimulated scattering of composite bosons. Physical Review B, 1998, 57, R4195-R4197.	3.2	15

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127	Electrically tunable Feshbach resonances in twisted bilayer semiconductors. Science, 2021, 374, 336-340.	12.6	15
128	Quantum Monte Carlo wave-function approach to dissipative processes in mesoscopic semiconductors. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 191, 425-430.	2.1	14
129	Deterministic entanglement between a propagating photon and a singlet-triplet qubit in an optically active quantum dot molecule. Physical Review B, 2017, 96, .	3.2	14
130	Characterization of excitons in wurtzite GaN quantum wells under valence band mixing, strain, and piezoelectric field. IEEE Journal of Quantum Electronics, 1999, 35, 590-602.	1.9	13
131	Quantum Dot Lasers Using High-Q Microdisk Cavities. Physica Status Solidi (B): Basic Research, 2001, 224, 797-801.	1.5	13
132	Proposed Rabi-Kondo Correlated State in a Laser-Driven Semiconductor Quantum Dot. Physical Review Letters, 2013, 111, 157402.	7.8	13
133	Nonperturbative waveguide quantum electrodynamics. Physical Review Research, 2022, 4, .	3.6	13
134	Interaction-induced photon blockade using an atomically thin mirror embedded in a microcavity. Physical Review A, 2018, 98, .	2.5	12
135	Rotons in optical excitation spectra of monolayer semiconductors. Physical Review B, 2020, 101, .	3.2	11
136	Coherent population trapping in a single-hole-charged quantum dot. Physica Status Solidi (B): Basic Research, 2006, 243, 3725-3729.	1.5	10
137	Nonequilibrium dynamics in an optical transition from a neutral quantum dot to a correlated many-body state. Physical Review B, 2013, 88, .	3.2	10
138	Optical spin pumping induced pseudomagnetic field in two-dimensional heterostructures. Physical Review B, 2018, 98, .	3.2	10
139	Narrow bandwidth electromagnetically induced transparency in optically trapped atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 1907-1915.	1.5	7
140	Photoactivated biological processes as quantum measurements. Physical Review E, 2015, 91, 022714.	2.1	7
141	High-order multipole radiation from quantum Hall states in Dirac materials. Physical Review B, 2017, 95, .	3.2	7
142	Spin Reversal of a Quantum Hall Ferromagnet at a Landau Level Crossing. Physical Review Letters, 2020, 125, 067404.	7.8	7
143	Spatially antibunched semiconductor laser beam for sub-shot-noise-limited apertured transmission. IEEE Journal of Quantum Electronics, 1998, 34, 2188-2195.	1.9	6
144	Carrier-mediated optomechanical forces in semiconductor nanomembranes with coupled quantum wells. Physical Review B, 2018, 98, .	3.2	6

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145	Vacuum field induced mixing of light and heavyâ€hole excitons in a semiconductor microcavity. Applied Physics Letters, 1996, 69, 3465-3467.	3.3	5
146	Condensation of Excitons in a Two-Dimensional Harmonic Trap. Physica Status Solidi A, 1997, 164, 365-370.	1.7	5
147	Quantum interference of intersubband transitions in coupled quantum wells. Physica E: Low-Dimensional Systems and Nanostructures, 1999, 5, 16-26.	2.7	5
148	Magnon-exciton proximity coupling at a van der Waals heterointerface. Physical Review B, 2022, 105, .	3.2	5
149	Tunable Feshbach Resonances and Their Spectral Signatures in Bilayer Semiconductors. Physical Review Letters, 2022, 129, .	7.8	5
150	Cavity-QED using a single InAs quantum dot and a high-Q whispering gallery mode. , 0, , .		4
151	Optical excitations in compressible and incompressible two-dimensional electron liquids. Physical Review B, 2020, 101, .	3.2	4
152	Optical Signatures of Periodic Magnetization: The MoirÃ© Zeeman Effect. Physical Review Letters, 2022, 128, .	7.8	4
153	Stimulated Scattering of Composite Bosons: Gain in an Exciton Boser. Physica Status Solidi A, 1997, 164, 371-375.	1.7	3
154	Voltage-Controlled Electron-Hole Interaction in a Single Quantum Dot. Journal of Superconductivity and Novel Magnetism, 2005, 18, 245-249.	0.5	3
155	Solid-State Spin-Photon Quantum Interface without Spin-Orbit Coupling. Physical Review Letters, 2010, 104, 177403.	7.8	3
156	Second-order photon correlation measurement with picosecond resolution using frequency upconversion. Optics Letters, 2019, 44, 3877.	3.3	3
157	Quantum Entanglement Between an Optical Photon and a Solid-State Spin Qubit. , 2011, , .		3
158	Spin-Valley Relaxation and Exciton-Induced Depolarization Dynamics of Landau-Quantized Electrons in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>MoSe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></ Monolayer. Physical Review Letters, 2022, 128, 127402.	7.8	3
159	Nonlinear Photoluminescence Kinetics of Indirect Excitons in Coupled Quantum Wells. Physica Status Solidi A, 2000, 178, 83-87.	1.7	2
160	Real-time monitoring of LÃ©vy flights in a single quantum system. Physical Review B, 2016, 93, .	3.2	2
161	Magneto optics of the spatially separated electron and hole layers in GaAs/AlGaAs coupled quantum wells. Physica E: Low-Dimensional Systems and Nanostructures, 2000, 6, 655-659.	2.7	1
162	A coupled quantum dot laser amplifier using raman transitions between spin singlet and triplet states. , 2011, , .		1

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163	Polariton Electric-Field Sensor. Physical Review Letters, 2020, 125, 067402.	7.8	1
164	Tunable Flux Vortices in Two-Dimensional Dirac Superconductors. Physical Review Letters, 2020, 124, 207006.	7.8	1
165	Many-body theory of quantum interference effects in semiconductor quantum well lasers. , 1998, , .		0
166	Theory of an exciton matter laser. , 0, , .		0
167	Emission from quantum dots in a photonic crystal microcavity. , 0, , .		0
168	Cross-correlation spectroscopy in a single quantum dot. , 0, , .		0
169	Quantum Computation Using Quantum Dot Spins and Microcavities. , 2005, , 217-227.		0
170	Observation of Faraday rotation from a single quantum-dot spin. , 2007, , .		0
171	Strongly interacting photons in quantum dot cavity-QED. , 2011, , .		0
172	Optical probing of a two-dimensional electron system in a microcavity: Quantum Hall Polaritons. , 2017, , .		0