

Carlos Tejedor

List of Publications by Year in descending order

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228
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7,066
citations

57719

44
h-index

64755

79
g-index

234
all docs

234
docs citations

234
times ranked

4204
citing authors

#	ARTICLE	IF	CITATIONS
1	Collective fluid dynamics of a polariton condensate in a semiconductor microcavity. <i>Nature</i> , 2009, 457, 291-295.	13.7	494
2	Entanglement of Two Qubits Mediated by One-Dimensional Plasmonic Waveguides. <i>Physical Review Letters</i> , 2011, 106, 020501.	2.9	443
3	Persistent currents and quantized vortices in a polariton superfluid. <i>Nature Physics</i> , 2010, 6, 527-533.	6.5	282
4	The metal-semiconductor interface: Si (111) and zincblende (110) junctions. <i>Journal of Physics C: Solid State Physics</i> , 1977, 10, 2163-2177.	1.5	268
5	Effective two-dimensional Hamiltonian at surfaces. <i>Physical Review B</i> , 1983, 28, 4397-4402.	1.1	260
6	Tuning the conductance of a molecular switch. <i>Nature Nanotechnology</i> , 2007, 2, 176-179.	15.6	188
7	A simple approach to heterojunctions. <i>Journal of Physics C: Solid State Physics</i> , 1977, 11, L19-L23.	1.5	171
8	On the formation of semiconductor interfaces. <i>Journal of Physics C: Solid State Physics</i> , 1987, 20, 145-175.	1.5	171
9	Polariton dynamics and Bose-Einstein condensation in semiconductor microcavities. <i>Physical Review B</i> , 2002, 66, .	1.1	162
10	Theory of Strong Coupling between Quantum Emitters and Propagating Surface Plasmons. <i>Physical Review Letters</i> , 2013, 110, 126801.	2.9	151
11	Capacitance spectroscopy in quantum dots: Addition spectra and decrease of tunneling rates. <i>Physical Review B</i> , 1994, 50, 5760-5763.	1.1	147
12	Dissipation-driven generation of two-qubit entanglement mediated by plasmonic waveguides. <i>Physical Review B</i> , 2011, 84, .	1.1	146
13	Strong Coupling of Quantum Dots in Microcavities. <i>Physical Review Letters</i> , 2008, 101, 083601.	2.9	141
14	Emitters of N-photon bundles. <i>Nature Photonics</i> , 2014, 8, 550-555.	15.6	136
15	Energy barriers and interface states at heterojunctions. <i>Journal of Physics C: Solid State Physics</i> , 1979, 12, 731-749.	1.5	129
16	Spectroscopic measurement of large exchange enhancement of a spin-polarized 2D electron gas. <i>Physical Review Letters</i> , 1992, 68, 3623-3626.	2.9	120
17	Luminescence spectra of quantum dots in microcavities. II. Fermions. <i>Physical Review B</i> , 2009, 79, .	1.1	111
18	Theory of Frequency-Filtered and Time-Resolved N -Photon Correlations. <i>Physical Review Letters</i> , 2012, 109, 183601.	2.9	108

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19	Luminescence spectra of quantum dots in microcavities. I. Bosons. Physical Review B, 2009, 79, .	1.1	81
20	Energy barriers and interface states at heterojunctions. Perspectives in Condensed Matter Physics, 1988, , 230-248.	0.1	79
21	Linewidth of a polariton laser:â€fTheoretical analysis of self-interaction effects. Physical Review B, 2003, 67, .	1.1	77
22	New optical transitions in Si-Ge strained superlattices. Physical Review Letters, 1987, 59, 1022-1025.	2.9	75
23	Kondo Effect in ac Transport through Quantum Dots. Physical Review Letters, 1998, 81, 4688-4691.	2.9	71
24	Two-photon lasing by a single quantum dot in a high- Q microcavity. Physical Review B, 2010, 81, .	1.1	71
25	Control and Ultrafast Dynamics of a Two-Fluid Polariton Switch. Physical Review Letters, 2012, 109, 266407.	2.9	69
26	Spin Degree of Freedom in Two Dimensional Exciton Condensates. Physical Review Letters, 1997, 78, 4809-4812.	2.9	67
27	Two-photon spectra of quantum emitters. New Journal of Physics, 2013, 15, 033036.	1.2	67
28	Reversible dynamics of single quantum emitters near metal-dielectric interfaces. Physical Review B, 2014, 89, .	1.1	67
29	Cavity-assisted generation of entangled photon pairs by a quantum-dot cascade decay. Physical Review B, 2006, 74, .	1.1	64
30	Coherent and sequential photoassisted tunneling through a semiconductor double-barrier structure. Physical Review B, 1994, 50, 4581-4589.	1.1	63
31	Ab initio self-consistent calculation of silicon electronic structure by means of Wannier functions. Physical Review B, 1979, 19, 2283-2290.	1.1	59
32	Tunnel magnetoresistance in GaMnAs: Going beyond JulliÃre formula. Applied Physics Letters, 2004, 85, 1996-1998.	1.5	59
33	Effect of a high transverse magnetic field on the tunneling through barriers between semiconductors and superlattices. Physical Review B, 1988, 38, 9649-9656.	1.1	58
34	Dissipative dynamics of a solid-state qubit coupled to surface plasmons: From non-Markov to Markov regimes. Physical Review B, 2010, 82, .	1.1	56
35	Raman resonance on E1 edges in superlattices. Physical Review B, 1985, 32, 5303-5311.	1.1	54
36	Spin splitting in a polarized quasi-two-dimensional exciton gas. Physical Review B, 1996, 54, R8317-R8320.	1.1	54

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37	Spontaneous and Triggered Vortices in Polariton Optical-Parametric-Oscillator Superfluids. Physical Review Letters, 2010, 105, 063902.	2.9	54
38	Dynamics of the excitations of a quantum dot in a microcavity. Physical Review B, 2004, 70, .	1.1	52
39	Skyrmions and edge-spin excitations in quantum Hall droplets. Physical Review B, 1996, 54, 16850-16859.	1.1	49
40	Polarized interacting exciton gas in quantum wells and bulk semiconductors. Physical Review B, 1996, 54, 11582-11591.	1.1	48
41	Filtering multiphoton emission from state-of-the-art cavity quantum electrodynamics. Optica, 2018, 5, 14.	4.8	46
42	Raman tensor of covalent semiconductors. Solid State Communications, 1983, 48, 403-406.	0.9	45
43	Low-Lying Excitations of Quantum Hall Droplets. Physical Review Letters, 1995, 74, 5120-5123.	2.9	45
44	Low-temperature transport in ac-driven quantum dots in the Kondo regime. Physical Review B, 2001, 64, .	1.1	45
45	Onset and Dynamics of Vortex-Antivortex Pairs in Polariton Optical Parametric Oscillator Superfluids. Physical Review Letters, 2011, 107, 036401.	2.9	42
46	Interpolative solution for the periodic Anderson model of mixed-valence compounds. Physical Review B, 1986, 33, 1814-1822.	1.1	41
47	Microscopic theory for quantum mirages in quantum corrals. Physical Review B, 2001, 63, .	1.1	37
48	Optical coupling of two distant InAs/GaAs quantum dots by a photonic-crystal microcavity. Physical Review B, 2010, 81, .	1.1	37
49	Fermionic atoms in optical superlattices. Physical Review A, 2005, 71, .	1.0	35
50	Electronic structure of (100) semiconductor heterojunctions. Surface Science, 1986, 168, 553-557.	0.8	34
51	Optical singularities in doped quantum-well wires. Physical Review B, 1993, 47, 1506-1515.	1.1	34
52	Folding effects in GaAs-AlAs superlattices. Physical Review B, 1987, 35, 9112-9119.	1.1	33
53	Enhanced two-photon emission from a dressed biexciton. New Journal of Physics, 2015, 17, 123021.	1.2	33
54	Phase separation of edge states in the integer quantum Hall regime. Physical Review B, 1993, 47, 13884-13886.	1.1	32

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55	Superflow of resonantly driven polaritons against a defect. <i>Physical Review B</i> , 2010, 82, .	1.1	32
56	Generation of a two-photon state from a quantum dot in a microcavity. <i>New Journal of Physics</i> , 2011, 13, 113014.	1.2	32
57	The ionic structure and the electronic potential of metal surfaces. <i>Journal of Physics F: Metal Physics</i> , 1976, 6, 1647-1659.	1.6	30
58	Magnetotunnelling through Quantum Boxes in a Strong-Correlation Regime. <i>Europhysics Letters</i> , 1993, 23, 495-501.	0.7	30
59	Self-consistent calculation of properties of GaAs-AlAs superlattices with homopolar interfaces. <i>Physical Review B</i> , 1982, 26, 5824-5831.	1.1	28
60	Resonant tunnelling through a double-barrier structure assisted by a photon field. <i>Semiconductor Science and Technology</i> , 1994, 9, 515-518.	1.0	28
61	Spins, charges, and currents at domain walls in a quantum Hall Ising ferromagnet. <i>Physical Review B</i> , 2002, 66, .	1.1	28
62	Effect of pure dephasing on the Jaynes-Cummings nonlinearities. <i>Optics Express</i> , 2010, 18, 7002.	1.7	28
63	Violation of classical inequalities by photon frequency filtering. <i>Physical Review A</i> , 2014, 90, .	1.0	28
64	Many-body effects in the (111)-silicon dangling-bond surface states. <i>Solid State Communications</i> , 1982, 44, 1633-1636.	0.9	27
65	Mode-matching technique for transmission calculations in electron waveguides at high magnetic fields. <i>Physical Review B</i> , 1993, 48, 5386-5394.	1.1	27
66	Restrictions on the Coherence of the Ultrafast Optical Emission from an Electron-Hole-Pair Condensate. <i>Physical Review Letters</i> , 2001, 87, 246403.	2.9	26
67	Self-consistent localised description of the electronic structure of semiconductors. <i>Journal of Physics C: Solid State Physics</i> , 1979, 12, 499-511.	1.5	25
68	Coherent and sequential tunneling in double barriers with transverse magnetic fields. <i>Physical Review B</i> , 1989, 40, 8548-8551.	1.1	25
69	Coherent-light emission from exciton condensates in semiconductor quantum wells. <i>Solid State Communications</i> , 1998, 108, 473-477.	0.9	25
70	Entangled photon pairs from a quantum-dot cascade decay: The effect of time reordering. <i>Physical Review B</i> , 2008, 78, .	1.1	25
71	Dynamics of the Formation and Decay of Coherence in a Polariton Condensate. <i>Physical Review Letters</i> , 2009, 103, 096404.	2.9	25
72	Scaling of the Hamiltonian and momentum in semiconductors. <i>Physical Review B</i> , 1984, 29, 6840-6845.	1.1	24

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73	Resonant tunneling through Landau levels in quantum wells in the presence of inelastic-scattering broadening. Physical Review B, 1990, 41, 3053-3059.	1.1	23
74	Interband resonant tunneling and transport in InAs/AlSb/GaSb heterostructures. Physical Review B, 1993, 47, 4475-4484.	1.1	23
75	Defective transport properties of three-terminal carbon nanotube junctions. Physical Review B, 2005, 71, .	1.1	23
76	Self-consistent calculation of the structural properties of silicon. Physical Review B, 1979, 20, 4251-4255.	1.1	22
77	Electronic and optical properties of ZnSe-ZnS effective-mass strained superlattices. Physical Review B, 1990, 42, 11198-11202.	1.1	21
78	Canted ground state in artificial molecules at high magnetic fields. Physical Review B, 2000, 62, R10633-R10636.	1.1	21
79	Generalized Wannier functions at interfaces: Stacking faults in silicon. Physical Review B, 1981, 24, 1006-1013.	1.1	20
80	Generalized transfer Hamiltonian for the study of resonant tunneling. Physical Review B, 1988, 38, 10507-10511.	1.1	20
81	Double Raman resonances induced by a magnetic field in GaAs-AlAs multiple quantum wells. Physical Review B, 1991, 44, 1113-1117.	1.1	19
82	The charge neutrality point in covalent semiconductor surfaces. Solid State Communications, 1974, 15, 587-589.	0.9	18
83	Effects of geometry on edge states in magnetic fields: Adiabatic and nonadiabatic behavior. Physical Review B, 1992, 45, 9059-9064.	1.1	17
84	Entanglement and lasing with two quantum dots in a microcavity. Physical Review B, 2007, 76, .	1.1	17
85	Emission polarization control in semiconductor quantum dots coupled to a photonic crystal microcavity. Optics Express, 2010, 18, 13301.	1.7	17
86	Multistability of a two-component exciton-polariton fluid. Physical Review B, 2011, 83, .	1.1	17
87	Displaced abrupt barrier and self-consistency of dangling-bond surface states. Journal of Physics C: Solid State Physics, 1976, 9, L429-L432.	1.5	16
88	Self-consistent calculation of the internal strain parameter of silicon. Physical Review B, 1982, 26, 5960-5962.	1.1	16
89	Quasiparticle spectral density of low-dimensional Hubbard Hamiltonians. Physical Review B, 1984, 29, 476-478.	1.1	16
90	Linear electro-optic effects in zinc blende semiconductors. Journal of Applied Physics, 1985, 58, 4666-4669.	1.1	16

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91	Analysis of the photon indistinguishability in incoherently excited quantum dots. Physical Review B, 2006, 73, .	1.1	16
92	Universal two-time correlations, out-of-time-ordered correlators, and Leggett-Garg inequality violation by edge Majorana fermion qubits. Physical Review B, 2018, 97, .	1.1	16
93	Polarization entanglement visibility of photon pairs emitted by a quantum dot embedded in a microcavity. Physical Review B, 2005, 72, .	1.1	15
94	Scaling of the conductance in gold nanotubes. Physical Review B, 2006, 74, .	1.1	15
95	Control of non-Markovian effects in the dynamics of polaritons in semiconductor microcavities. Physical Review B, 2008, 78, .	1.1	15
96	Heterojunction band offsets and the interface dielectric function. Physical Review B, 1987, 36, 5920-5924.	1.1	14
97	Interface states in CdTe-ZnTe strained superlattices. Physical Review B, 1989, 40, 3955-3961.	1.1	14
98	Quantum oscillations and negative differential resistance in nonresonant magnetotunneling. Physical Review B, 1989, 39, 11187-11190.	1.1	14
99	Nonlocal interaction and Fermi-edge singularities in quasi-one-dimensional systems with a transverse magnetic field. Physical Review B, 1994, 49, 16781-16784.	1.1	14
100	Quantum phase transitions detected by a local probe using time correlations and violations of Leggett-Garg inequalities. Physical Review B, 2016, 93, .	1.1	14
101	Many-body effects in semiconductors. Journal of Physics C: Solid State Physics, 1980, 13, 5515-5527.	1.5	13
102	Quenching of scattering in mesoscopic systems in the quantum Hall regime. Physical Review B, 1991, 44, 8157-8164.	1.1	13
103	Self-consistent Hartree description of Nelectrons in a quantum dot with a magnetic field. Physical Review B, 1994, 49, 5718-5721.	1.1	13
104	Plasmon-polariton emission from a coherently excited quantum dot near a metal interface. Physical Review B, 2012, 85, .	1.1	13
105	Localization in a one-dimensional quasiperiodic Hamiltonian with off-diagonal disorder. Physical Review B, 1987, 35, 5270-5272.	1.1	12
106	Pauli blockade of the electron spin flip in bulk GaAs. Physical Review B, 2007, 75, .	1.1	12
107	A simple approach to covalent surfaces. Journal De Physique, 1977, 38, 949-960.	1.8	12
108	Surface States in the (111) and (111) Faces of Zincblende Compounds. Physica Status Solidi (B): Basic Research, 1978, 88, 591-597.	0.7	11

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109	Comment on "Static Charge Fluctuations in Amorphous Silicon". Physical Review Letters, 1984, 52, 1840-1840.	2.9	11
110	Dangling bond surfaces states in (111) faces of zinc-blende compounds. Solid State Communications, 1978, 27, 29-31.	0.9	10
111	Alkali adsorbates and surface states in (111) covalent faces. Journal of Physics C: Solid State Physics, 1979, 12, L89-L92.	1.5	10
112	Interface states at (111) heterojunctions. Surface Science, 1979, 80, 134-140.	0.8	10
113	Electron-phonon interaction in tetrahedrally bonded solids. Journal of Physics C: Solid State Physics, 1981, 14, 3355-3363.	1.5	10
114	Temperature effects on the highly correlated electron gas of a Si-111(1 Å ⁻¹) surface. Solid State Communications, 1983, 47, 939-941.	0.9	10
115	Study of the cancellation of the lattice mismatch in GaSb-AlSb superlattices. Surface Science, 1986, 168, 558-563.	0.8	10
116	Raman scattering by coupled intersubband-Landau-level excitations in quantum-well structures. Physical Review B, 1991, 43, 2081-2087.	1.1	10
117	Spin-Isospin Textured Excitations in a Double Layer at Filling Factor $\nu=2$. Physical Review Letters, 1999, 83, 2250-2253.	2.9	10
118	$R\ddot{A}$ nyi entropy singularities as signatures of topological criticality in coupled photon-fermion systems. Physical Review Research, 2020, 2, .	1.3	10
119	Diamond structure versus wurtzite structure for silicon. Solid State Communications, 1981, 38, 871-873.	0.9	9
120	Resonant Raman scattering in GaAs-Ga _{1-x} Al _x As quantum wells in an electric field. Physical Review B, 1987, 36, 6054-6057.	1.1	9
121	Fermi-edge singularities in the optical absorption and emission of doped indirect quantum wires. Physical Review B, 1993, 47, 13015-13018.	1.1	9
122	Spin depolarization in the transport of holes across Ga _x Mn _{1-x} As/GaAl _y As/p-GaAs. Physical Review B, 2004, 70, .	1.1	9
123	Many-body effects in the (111)-1 Å ⁻¹ surface of highly doped silicon. Journal of Physics C: Solid State Physics, 1983, 16, L39-L43.	1.5	8
124	Scattering theory for spin waves in quantum Hall ferromagnets. Physical Review B, 1998, 57, 6618-6622.	1.1	8
125	Kondo effect in multielectron quantum dots at high magnetic fields. Physical Review B, 2001, 63, .	1.1	8
126	Frictionless Flow in a Binary Polariton Superfluid. Physical Review Letters, 2012, 108, 065301.	2.9	8

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127	Quantum coherence in momentum space of light-matter condensates. <i>Physical Review B</i> , 2014, 90, .	1.1	8
128	Phonon contribution to electronic transport properties of semiconductors. <i>Journal of Physics C: Solid State Physics</i> , 1982, 15, 755-765.	1.5	7
129	Theoretical analysis of optical-phonon deformation potentials in semiconductors. <i>Journal of Physics C: Solid State Physics</i> , 1983, 16, 2251-2259.	1.5	7
130	Electric field dependence of the resonant Raman scattering in GaAs-Ga λ^{\sim} xAlxAs quantum wells. <i>Physical Review B</i> , 1986, 33, 7389-7391.	1.1	7
131	Magnetic-field effects on the transport coefficients of a quantum point contact. <i>Physical Review B</i> , 1992, 45, 13725-13728.	1.1	7
132	Skyrmions in quantum Hall ferromagnets as spin waves bound to unbalanced magnetic-flux quanta. <i>Physical Review B</i> , 1998, 58, 13028-13035.	1.1	7
133	Electrostatic control of quantum dot entanglement induced by coupling to external reservoirs. <i>Europhysics Letters</i> , 2007, 80, 57001.	0.7	7
134	Comment on "Ionicity and the theory of Schottky barrier". <i>Physical Review B</i> , 1977, 16, 4695-4697.	1.1	6
135	Spectroscopic investigation of the electronic states in narrow coupled GaAs/AlAs quantum wells with indirect band structure. <i>Physical Review B</i> , 1989, 40, 8319-8326.	1.1	6
136	Magnetotunneling in semiconductor superlattices. <i>Superlattices and Microstructures</i> , 1989, 5, 531-533.	1.4	6
137	Polariton condensates put in motion. <i>Nanotechnology</i> , 2010, 21, 134025.	1.3	6
138	Exploring qubit-qubit entanglement mediated by one-dimensional plasmonic nanowaveguides. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012, 9, 1303-1308.	0.8	6
139	Bichromatic dressing of a quantum dot detected by a remote second quantum dot. <i>Physical Review B</i> , 2013, 88, .	1.1	6
140	On the electronic potential and ionic relaxation at metal surfaces. <i>Solid State Communications</i> , 1975, 17, 995-998.	0.9	5
141	Theoretical analysis of (100) and (111) faces of copper. <i>Journal of Physics F: Metal Physics</i> , 1977, 7, 991-997.	1.6	5
142	Anion-induced surface states for the ideal (100) faces of GaAs, AlAs and GaSb. <i>Surface Science</i> , 1986, 172, 47-56.	0.8	5
143	Correlation and electron-phonon effects in the (111)-silicon dangling-bond surface states. <i>Journal of Physics C: Solid State Physics</i> , 1986, 19, 543-549.	1.5	5
144	Resonant Raman scattering in GaAs λ^{\sim} AlAs quantum wells under high magnetic fields. <i>Superlattices and Microstructures</i> , 1991, 10, 217-219.	1.4	5

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145	The interplay between magnetic field and electron-electron interaction on transport through quantum dots. Superlattices and Microstructures, 1994, 15, 91.	1.4	5
146	Spin splitting of excitons in GaAs quantum wells at zero magnetic field. Solid-State Electronics, 1996, 40, 755-758.	0.8	5
147	Spontaneous patterns in coherently driven polariton microcavities. Physical Review B, 2018, 97, .	1.1	5
148	Electronic Interface States in Intrinsic Stacking Faults for Covalent Semiconductors. Physica Status Solidi (B): Basic Research, 1980, 98, K117.	0.7	4
149	Correlation effects in the Si(111) $\sqrt{1 \times 1}$ surface. Surface Science, 1985, 152-153, 1027-1034.	0.8	4
150	Quantum transmission channels for magnetotunneling in semiconductor microstructures. Surface Science, 1990, 228, 291-295.	0.8	4
151	Coherent and sequential resonant magnetotunneling through double barrier structures. Surface Science, 1990, 229, 177-181.	0.8	4
152	Electromodulation of magnetorotons in coupled quasi-two-dimensional electron gases. Physical Review B, 1991, 44, 10676-10679.	1.1	4
153	Correlation effects on transport through few-electrons systems. Surface Science, 1994, 305, 541-546.	0.8	4
154	Correlation effects in quantum dots in magnetic fields. Physica B: Condensed Matter, 1995, 212, 224-230.	1.3	4
155	Composite fermions traversing a potential barrier. Physical Review B, 1995, 51, 17259-17262.	1.1	4
156	Fermi-edge singularities in the optical emission of doped direct and indirect quantum wells. Journal of Physics Condensed Matter, 1996, 8, 1713-1728.	0.7	4
157	Temperature effects on Fermi-edge absorption spectra. Physical Review B, 1997, 56, 9753-9765.	1.1	4
158	Ferromagnetism in 2D Exciton Condensates. Physica Status Solidi A, 1997, 164, 343-346.	1.7	4
159	Anticrossing in the PL spectrum of light-matter coupling under incoherent continuous pumping. Superlattices and Microstructures, 2010, 47, 16-18.	1.4	4
160	General solution of the periodic Anderson Hamiltonian in one dimension at $T=0K$: Symmetric and nonsymmetric cases. Physical Review B, 1984, 30, 7299-7301.	1.1	3
161	Effect of the electron-electron interaction on the band structure of semiconductors. Solid State Communications, 1985, 55, 1093-1096.	0.9	3
162	Edge states in quantum wells with magnetic fields. Physica Scripta, 1991, T35, 121-124.	1.2	3

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163	Ground state properties of interacting electrons in semiconductor quantum dots: Exact and unrestricted hartree-fock results. <i>Solid-State Electronics</i> , 1994, 37, 1179-1182.	0.8	3
164	Interferences and coherent control of excitons in GaAs quantum wells. <i>Journal of Physics Condensed Matter</i> , 1999, 11, 6013-6021.	0.7	3
165	Exciton beats in GaAs quantum wells: bosonic representation and collective effects. <i>Solid State Communications</i> , 1999, 112, 597-600.	0.9	3
166	Fermi-edge singularities in linear and nonlinear ultrafast spectroscopy. <i>Physical Review B</i> , 2001, 63, .	1.1	3
167	Luminescence spectra of quantum dots in microcavities. , 2012, , 293-331.		3
168	Temperature dependence of the coherence in polariton condensates. <i>Physical Review B</i> , 2018, 97, .	1.1	3
169	Surface states and photoemission in 111-Si faces. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1977, 62, 99-101.	0.9	2
170	Fourier transformed Compton profiles of semiconductors. <i>Solid State Communications</i> , 1979, 32, 1303-1306.	0.9	2
171	Electronic properties of Si(111) semiconductor surfaces. <i>Surface Science</i> , 1985, 162, 156-162.	0.8	2
172	Many-body effects in the paramagnetic and antiferromagnetic states of the (111) silicon face. <i>Physical Review B</i> , 1986, 33, 537-543.	1.1	2
173	Band offsets in $\text{Si}^{1-x}\text{Si}^x\text{Ge}_x$ and $\text{Ge}^{1-x}\text{Si}^x\text{Ge}_x$ strained heterojunctions. <i>Solid State Communications</i> , 1988, 67, 445-447.	0.9	2
174	Study of electric field effects on the electronic structure of quantum wells by resonant Raman scattering. <i>Surface Science</i> , 1988, 196, 578-583.	0.8	2
175	Optical transitions in a vanishing conduction-band-offset superlattice. <i>Superlattices and Microstructures</i> , 1991, 10, 455-459.	1.4	2
176	Double Raman resonances by light and heavy magneto-excitons in GaAs/AlAs multi-quantum wells. <i>Surface Science</i> , 1992, 267, 418-421.	0.8	2
177	Coulomb blockade in resonant magnetotunneling through rectangular quantum dots. <i>Physica B: Condensed Matter</i> , 1993, 189, 27-33.	1.3	2
178	Many-body effects in quantum dots under magnetic fields. <i>Physica Scripta</i> , 1994, T55, 20-24.	1.2	2
179	Magneto-optical spectra in a doped 2-dimensional system with periodic lateral modulation. <i>Surface Science</i> , 1996, 361-362, 788-792.	0.8	2
180	Spin textures in quantum Hall droplets. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 1997, 1, 47-53.	1.3	2

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181	AC transport through a quantum dot: from Kondo to Coulomb-blockade behaviour. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2000, 6, 379-381.	1.3	2
182	Microscopic theory of exciton coherent control and Rayleigh scattering in semiconductor quantum wells. <i>Semiconductor Science and Technology</i> , 2000, 15, R65-R80.	1.0	2
183	Quantum regression formula and luminescence spectra of two coupled modes under incoherent continuous pumping. , 2009, , .		2
184	Superfluidity in polariton condensates. <i>Journal of Physics: Conference Series</i> , 2010, 210, 012060.	0.3	2
185	Determination of Polariton Condensatesâ€™ Critical Temperature. <i>Physica Status Solidi (B): Basic Research</i> , 2019, 256, 1800519.	0.7	2
186	ELECTRONIC STRUCTURE OF Si-Ge STRAINED SUPERLATTICES. <i>Journal De Physique Colloque</i> , 1987, 48, C5-557-C5-560.	0.2	2
187	Resonant Raman Scattering in GaAs-AlAs Multiquantum Wells Under Magnetic Fields. <i>NATO ASI Series Series B: Physics</i> , 1991, , 53-61.	0.2	2
188	Electron correlation effects at vacancies in Si(111) unreconstructed surfaces. <i>Physical Review B</i> , 1984, 30, 1038-1041.	1.1	1
189	Dangling bond states for a buckled Si(111)2 Å ⁻¹ surface. <i>Surface Science</i> , 1987, 182, 606-612.	0.8	1
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