

Carlos Tejedor

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

225
papers

6,165
citations

42
h-index

73
g-index

234
ext. papers

6,641
ext. citations

3.7
avg, IF

5.4
L-index

#	Paper	IF	Citations
225	Rényi entropy singularities as signatures of topological criticality in coupled photon-fermion systems. <i>Physical Review Research</i> , 2020 , 2,	3.9	2
224	Determination of Polariton Condensates Critical Temperature. <i>Physica Status Solidi (B): Basic Research</i> , 2019 , 256, 1800519	1.3	2
223	Temperature dependence of the coherence in polariton condensates. <i>Physical Review B</i> , 2018 , 97,	3.3	3
222	Filtering multiphoton emission from state-of-the-art cavity quantum electrodynamics. <i>Optica</i> , 2018 , 5, 14	8.6	26
221	Universal two-time correlations, out-of-time-ordered correlators, and Leggett-Garg inequality violation by edge Majorana fermion qubits. <i>Physical Review B</i> , 2018 , 97,	3.3	11
220	Spontaneous patterns in coherently driven polariton microcavities. <i>Physical Review B</i> , 2018 , 97,	3.3	4
219	Quantum phase transitions detected by a local probe using time correlations and violations of Leggett-Garg inequalities. <i>Physical Review B</i> , 2016 , 93,	3.3	10
218	Enhanced two-photon emission from a dressed biexciton. <i>New Journal of Physics</i> , 2015 , 17, 123021	2.9	21
217	Reversible dynamics of single quantum emitters near metal-dielectric interfaces. <i>Physical Review B</i> , 2014 , 89,	3.3	54
216	Violation of classical inequalities by photon frequency filtering. <i>Physical Review A</i> , 2014 , 90,	2.6	19
215	Emitters of n -photon bundles. <i>Nature Photonics</i> , 2014 , 8, 550-555	33.9	93
214	Quantum coherence in momentum space of light-matter condensates. <i>Physical Review B</i> , 2014 , 90,	3.3	7
213	Theory of strong coupling between quantum emitters and propagating surface plasmons. <i>Physical Review Letters</i> , 2013 , 110, 126801	7.4	123
212	Two-photon spectra of quantum emitters. <i>New Journal of Physics</i> , 2013 , 15, 033036	2.9	45
211	Bichromatic dressing of a quantum dot detected by a remote second quantum dot. <i>Physical Review B</i> , 2013 , 88,	3.3	4
210	Control and ultrafast dynamics of a two-fluid polariton switch. <i>Physical Review Letters</i> , 2012 , 109, 266407	7.4	53
209	Theory of frequency-filtered and time-resolved N -photon correlations. <i>Physical Review Letters</i> , 2012 , 109, 183601	7.4	77

208	Frictionless flow in a binary polariton superfluid. <i>Physical Review Letters</i> , 2012 , 108, 065301	7.4	7
207	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		6
206	Plasmon-polariton emission from a coherently p-excited quantum dot near a metal interface. <i>Physical Review B</i> , 2012 , 85,	3.3	7
205	Luminescence spectra of quantum dots in microcavities 2012 , 293-331		
204	Generation of a two-photon state from a quantum dot in a microcavity. <i>New Journal of Physics</i> , 2011 , 13, 113014	2.9	27
203	Multistability of a two-component exciton-polariton fluid. <i>Physical Review B</i> , 2011 , 83,	3.3	15
202	Onset and dynamics of vortex-antivortex pairs in polariton optical parametric oscillator superfluids. <i>Physical Review Letters</i> , 2011 , 107, 036401	7.4	40
201	Dissipation-driven generation of two-qubit entanglement mediated by plasmonic waveguides. <i>Physical Review B</i> , 2011 , 84,	3.3	113
200	Entanglement of two qubits mediated by one-dimensional plasmonic waveguides. <i>Physical Review Letters</i> , 2011 , 106, 020501	7.4	361
199	Persistent currents and quantized vortices in a polariton superfluid. <i>Nature Physics</i> , 2010 , 6, 527-533	16.2	223
198	Optical coupling of two distant InAs/GaAs quantum dots by a photonic-crystal microcavity. <i>Physical Review B</i> , 2010 , 81,	3.3	34
197	Two-photon lasing by a single quantum dot in a high-Q microcavity. <i>Physical Review B</i> , 2010 , 81,	3.3	63
196	Spontaneous and triggered vortices in polariton optical-parametric-oscillator superfluids. <i>Physical Review Letters</i> , 2010 , 105, 063902	7.4	51
195	Superflow of resonantly driven polaritons against a defect. <i>Physical Review B</i> , 2010 , 82,	3.3	26
194	Polariton condensates put in motion. <i>Nanotechnology</i> , 2010 , 21, 134025	3.4	6
193	Effect of pure dephasing on the Jaynes-Cummings nonlinearities. <i>Optics Express</i> , 2010 , 18, 7002-9	3.3	22
192	Emission polarization control in semiconductor quantum dots coupled to a photonic crystal microcavity. <i>Optics Express</i> , 2010 , 18, 13301-8	3.3	16
191	Dissipative dynamics of a solid-state qubit coupled to surface plasmons: From non-Markov to Markov regimes. <i>Physical Review B</i> , 2010 , 82,	3.3	44

190	Superfluidity in polariton condensates. <i>Journal of Physics: Conference Series</i> , 2010 , 210, 012060	0.3	1
189	Anticrossing in the PL spectrum of light-matter coupling under incoherent continuous pumping. <i>Superlattices and Microstructures</i> , 2010 , 47, 16-18	2.8	4
188	Dynamics of the formation and decay of coherence in a polariton condensate. <i>Physical Review Letters</i> , 2009 , 103, 096404	7.4	23
187	Collective fluid dynamics of a polariton condensate in a semiconductor microcavity. <i>Nature</i> , 2009 , 457, 291-5	50.4	429
186	Luminescence spectra of quantum dots in microcavities. II. Fermions. <i>Physical Review B</i> , 2009 , 79,	3.3	89
185	Luminescence spectra of quantum dots in microcavities. I. Bosons. <i>Physical Review B</i> , 2009 , 79,	3.3	68
184	Nonequilibrium dynamics of polariton entanglement in a cluster of coupled traps. <i>Journal of Physics: Conference Series</i> , 2009 , 167, 012025	0.3	
183	Strong coupling of quantum dots in microcavities. <i>Physical Review Letters</i> , 2008 , 101, 083601	7.4	123
182	Control of non-Markovian effects in the dynamics of polaritons in semiconductor microcavities. <i>Physical Review B</i> , 2008 , 78,	3.3	12
181	Entangled photon pairs from a quantum-dot cascade decay: The effect of time reordering. <i>Physical Review B</i> , 2008 , 78,	3.3	25
180	Photoluminescence asymmetry with quantum state preparation. <i>Superlattices and Microstructures</i> , 2008 , 43, 478-481	2.8	
179	The steady state of two quantum dots in a cavity. <i>Superlattices and Microstructures</i> , 2008 , 43, 465-469	2.8	1
178	Correlated photon-pair emission from pulse-pumped quantum dots embedded in a microcavity. <i>Solid State Communications</i> , 2007 , 144, 542-546	1.6	
177	Tuning the conductance of a molecular switch. <i>Nature Nanotechnology</i> , 2007 , 2, 176-9	28.7	169
176	Pauli blockade of the electron spin flip in bulk GaAs. <i>Physical Review B</i> , 2007 , 75,	3.3	11
175	Entanglement and lasing with two quantum dots in a microcavity. <i>Physical Review B</i> , 2007 , 76,	3.3	16
174	All-optical nondemolition measurement of single hole spin in a quantum-dot molecule. <i>Applied Physics Letters</i> , 2007 , 90, 144103	3.4	1
173	Electrostatic control of quantum dot entanglement induced by coupling to external reservoirs. <i>Europhysics Letters</i> , 2007 , 80, 57001	1.6	7

172	Scaling of the conductance in gold nanotubes. <i>Physical Review B</i> , 2006 , 74,	3.3	12
171	Analysis of the photon indistinguishability in incoherently excited quantum dots. <i>Physical Review B</i> , 2006 , 73,	3.3	15
170	Cavity-assisted generation of entangled photon pairs by a quantum-dot cascade decay. <i>Physical Review B</i> , 2006 , 74,	3.3	53
169	Polarization entanglement visibility of photon pairs emitted by a quantum dot embedded in a microcavity. <i>Physical Review B</i> , 2005 , 72,	3.3	13
168	Artificial atoms in microcavities. <i>Solid State Communications</i> , 2005 , 135, 538-543	1.6	
167	Defective transport properties of three-terminal carbon nanotube junctions. <i>Physical Review B</i> , 2005 , 71,	3.3	23
166	Fermionic atoms in optical superlattices. <i>Physical Review A</i> , 2005 , 71,	2.6	33
165	Spin depolarization in the transport of holes across $Ga_{x}Mn_{1-x}As_{y}Al_{1-y}As_{1-y}Ga_{1-x}As$. <i>Physical Review B</i> , 2004 , 70,	3.3	9
164	Tunnel magnetoresistance in GaMnAs: Going beyond Jullière formula. <i>Applied Physics Letters</i> , 2004 , 85, 1996-1998	3.4	56
163	Dynamics of the excitations of a quantum dot in a microcavity. <i>Physical Review B</i> , 2004 , 70,	3.3	46
162	Coherence properties of a radiating electron-hole condensate. <i>Solid State Communications</i> , 2003 , 127, 141-146	1.6	
161	Linewidth of a polariton laser: Theoretical analysis of self-interaction effects. <i>Physical Review B</i> , 2003 , 67,	3.3	71
160	Chessboard Magnetoconductance of a Quantum Dot in the Kondo Regime 2003 , 153-165		
159	Transport in quantum dots in the Kondo regime under the influence of an AC potential. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002 , 12, 810-814	3	
158	Coherent control and four wave-mixing of Fermi edge singularities in doped quantum wells. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002 , 12, 558-561	3	
157	Spins, charges, and currents at domain walls in a quantum Hall Ising ferromagnet. <i>Physical Review B</i> , 2002 , 66,	3.3	26
156	Polariton dynamics and Bose-Einstein condensation in semiconductor microcavities. <i>Physical Review B</i> , 2002 , 66,	3.3	148
155	Quantum dots in high magnetic fields: spin textures and Kondo effect. <i>Solid State Communications</i> , 2001 , 117, 133-140	1.6	1

154	Fermi-edge singularities in linear and nonlinear ultrafast spectroscopy. <i>Physical Review B</i> , 2001 , 63,	3.3	3
153	Low-temperature transport in ac-driven quantum dots in the Kondo regime. <i>Physical Review B</i> , 2001 , 64,	3.3	44
152	Microscopic theory for quantum mirages in quantum corrals. <i>Physical Review B</i> , 2001 , 63,	3.3	35
151	Kondo effect in multielectron quantum dots at high magnetic fields. <i>Physical Review B</i> , 2001 , 63,	3.3	8
150	Restrictions on the coherence of the ultrafast optical emission from an electron-hole-pair condensate. <i>Physical Review Letters</i> , 2001 , 87, 246403	7.4	22
149	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	3	2
148	Microscopic theory of exciton coherent control and Rayleigh scattering in semiconductor quantum wells. <i>Semiconductor Science and Technology</i> , 2000 , 15, R65-R80	1.8	2
147	Canted ground state in artificial molecules at high magnetic fields. <i>Physical Review B</i> , 2000 , 62, R10633-R10636	3.1	21
146	Kondo Photo-Assisted Transport in Quantum Dots 2000 , 310-310		
145	Coherent Response to Optical Pulses in Quantum Wells 2000 , 143-157		
144	Interferences and coherent control of excitons in GaAs quantum wells. <i>Journal of Physics Condensed Matter</i> , 1999 , 11, 6013-6021	1.8	3
143	Spin-Isospin Textured Excitations in a Double Layer at Filling Factor $\nu=2$. <i>Physical Review Letters</i> , 1999 , 83, 2250-2253	7.4	10
142	Exciton beats in GaAs quantum wells: bosonic representation and collective effects. <i>Solid State Communications</i> , 1999 , 112, 597-600	1.6	3
141	The finite-temperature photoluminescence correlation function in semiconductor heterostructures. <i>European Physical Journal B</i> , 1999 , 11, 655-663	1.2	
140	Coherent-light emission from exciton condensates in semiconductor quantum wells. <i>Solid State Communications</i> , 1998 , 108, 473-477	1.6	25
139	Electronic part of the optical correlation function at finite temperature: the S-matrix expansion. <i>Solid State Communications</i> , 1998 , 109, 223-227	1.6	
138	Role of the valence-band mass on the many-body optical properties of a two-dimensional electron gas. <i>Physica B: Condensed Matter</i> , 1998 , 249-251, 603-606	2.8	
137	Condensation of 2D electron-hole pairs with spin degree of freedom. <i>Physica B: Condensed Matter</i> , 1998 , 249-251, 714-717	2.8	

136	AC Kondo effect in quantum dots. <i>Physica B: Condensed Matter</i> , 1998 , 256-258, 165-168	2.8	1
135	Kondo Effect in ac Transport through Quantum Dots. <i>Physical Review Letters</i> , 1998 , 81, 4688-4691	7.4	67
134	Scattering theory for spin waves in quantum Hall ferromagnets. <i>Physical Review B</i> , 1998 , 57, 6618-6622	3.3	8
133	Skyrmions in quantum Hall ferromagnets as spin waves bound to unbalanced magnetic-flux quanta. <i>Physical Review B</i> , 1998 , 58, 13028-13035	3.3	7
132	Spin Textures in Quantum Dots 1998 , 127-136		
131	Spin Degree of Freedom in Two Dimensional Exciton Condensates. <i>Physical Review Letters</i> , 1997 , 78, 4809-4812	7.4	64
130	Temperature effects on Fermi-edge absorption spectra. <i>Physical Review B</i> , 1997 , 56, 9753-9765	3.3	4
129	Spin textures in quantum Hall droplets. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 1997 , 1, 47-53	3	2
128	Ferromagnetism in 2D Exciton Condensates. <i>Physica Status Solidi A</i> , 1997 , 164, 343-346		4
127	Fermi-edge singularities in the optical emission of doped direct and indirect quantum wells. <i>Journal of Physics Condensed Matter</i> , 1996 , 8, 1713-1728	1.8	4
126	Polarized interacting exciton gas in quantum wells and bulk semiconductors. <i>Physical Review B</i> , 1996 , 54, 11582-11591	3.3	45
125	Magneto-optical spectra in a doped 2-dimensional system with periodic lateral modulation. <i>Surface Science</i> , 1996 , 361-362, 788-792	1.8	2
124	Charge excitations of quantum dots in magnetic fields. <i>Solid-State Electronics</i> , 1996 , 40, 21-24	1.7	1
123	Spin splitting of excitons in GaAs quantum wells at zero magnetic field. <i>Solid-State Electronics</i> , 1996 , 40, 755-758	1.7	5
122	Skyrmions and edge-spin excitations in quantum Hall droplets. <i>Physical Review B</i> , 1996 , 54, 16850-16859	3.3	49
121	Spin splitting in a polarized quasi-two-dimensional exciton gas. <i>Physical Review B</i> , 1996 , 54, R8317-R8320	3.3	53
120	Correlation effects in quantum dots in magnetic fields. <i>Physica B: Condensed Matter</i> , 1995 , 212, 224-230	2.8	4
119	Composite fermions traversing a potential barrier. <i>Physical Review B</i> , 1995 , 51, 17259-17262	3.3	4

118	Low-lying excitations of quantum hall droplets. <i>Physical Review Letters</i> , 1995 , 74, 5120-5123	7.4	43
117	Resonant tunnelling through a double-barrier structure assisted by a photon field. <i>Semiconductor Science and Technology</i> , 1994 , 9, 515-518	1.8	27
116	Nonlocal interaction and Fermi-edge singularities in quasi-one-dimensional systems with a transverse magnetic field. <i>Physical Review B</i> , 1994 , 49, 16781-16784	3.3	12
115	Self-consistent Hartree description of N electrons in a quantum dot with a magnetic field. <i>Physical Review B</i> , 1994 , 49, 5718-5721	3.3	12
114	Capacitance spectroscopy in quantum dots: Addition spectra and decrease of tunneling rates. <i>Physical Review B</i> , 1994 , 50, 5760-5763	3.3	139
113	The interplay between magnetic field and electron-electron interaction on transport through quantum dots. <i>Superlattices and Microstructures</i> , 1994 , 15, 91	2.8	5
112	Fermi edge singularities in doped quantum wires and quantum wells. <i>Solid-State Electronics</i> , 1994 , 37, 867-869	1.7	1
111	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	1.7	3
110	Coherent and sequential photoassisted tunneling through a semiconductor double-barrier structure. <i>Physical Review B</i> , 1994 , 50, 4581-4589	3.3	57
109	Correlation effects on transport through few-electrons systems. <i>Surface Science</i> , 1994 , 305, 541-546	1.8	4
108	Many-body effects in quantum dots under magnetic fields. <i>Physica Scripta</i> , 1994 , T55, 20-24	2.6	2
107	Magnetotunnelling through Quantum Boxes in a Strong-Correlation Regime. <i>Europhysics Letters</i> , 1993 , 23, 495-501	1.6	29
106	Phase separation of edge states in the integer quantum Hall regime. <i>Physical Review B</i> , 1993 , 47, 13884-13886	3.3	29
105	Mode-matching technique for transmission calculations in electron waveguides at high magnetic fields. <i>Physical Review B</i> , 1993 , 48, 5386-5394	3.3	25
104	Fermi-edge singularities in the optical absorption and emission of doped indirect quantum wires. <i>Physical Review B</i> , 1993 , 47, 13015-13018	3.3	9
103	Optical singularities in doped quantum-well wires. <i>Physical Review B</i> , 1993 , 47, 1506-1515	3.3	33
102	Interband resonant tunneling and transport in InAs/AlSb/GaSb heterostructures. <i>Physical Review B</i> , 1993 , 47, 4475-4484	3.3	22
101	Coulomb blockade in resonant magnetotunneling through rectangular quantum dots. <i>Physica B: Condensed Matter</i> , 1993 , 189, 27-33	2.8	2

100	Double Raman Resonances in Semiconductor Multiquantum Wells Induced by High Magnetic Fields 1993 , 121-130		
99	Electron-Phonon Scattering in Semiconductor Nanostructures under High Magnetic Fields 1993 , 253-259		
98	Hot Exciton Luminescence in Quantum Wells as a Spectroscopic Tool. <i>NATO ASI Series Series B: Physics</i> , 1993 , 421-430		
97	Optical Singularities of the Quasi One-Dimensional Electron Gas 1993 , 281-293		
96	Magnetic-field effects on the transport coefficients of a quantum point contact. <i>Physical Review B</i> , 1992 , 45, 13725-13728	3-3	7
95	Spectroscopic measurement of large exchange enhancement of a spin-polarized 2D electron gas. <i>Physical Review Letters</i> , 1992 , 68, 3623-3626	7-4	110
94	Effects of geometry on edge states in magnetic fields: Adiabatic and nonadiabatic behavior. <i>Physical Review B</i> , 1992 , 45, 9059-9064	3-3	14
93	Scattering and Coulomb blockade in magnetotunneling across singly and multiply connected barriers in quasi-two-dimensional systems. <i>Surface Science</i> , 1992 , 263, 424-427	1-8	
92	Double Raman resonances by light and heavy magneto-excitons in GaAs/AlAs multiquantum wells. <i>Surface Science</i> , 1992 , 267, 418-421	1-8	2
91	Resonant Magnetotunneling Current Through Double Barriers: Coherent and Sequential Processes. <i>Springer Series in Solid-state Sciences</i> , 1992 , 664-667	0-4	
90	Magnetotunneling Current Through Semiconductor Microstructures. <i>Springer Proceedings in Physics</i> , 1992 , 463-468	0-2	
89	Edge states in quantum wells with magnetic fields. <i>Physica Scripta</i> , 1991 , T35, 121-124	2-6	3
88	Resonant Raman scattering in GaAs/AlAs quantum wells under high magnetic fields. <i>Superlattices and Microstructures</i> , 1991 , 10, 217-219	2-8	5
87	Optical transitions in a vanishing conduction-band-offset superlattice. <i>Superlattices and Microstructures</i> , 1991 , 10, 455-459	2-8	2
86	Magnetotunneling in a doubly connected system. <i>Physica B: Condensed Matter</i> , 1991 , 175, 315-319	2-8	
85	Quenching of scattering in mesoscopic systems in the quantum Hall regime. <i>Physical Review B</i> , 1991 , 44, 8157-8164	3-3	13
84	Raman scattering by coupled intersubband-Landau-level excitations in quantum-well structures. <i>Physical Review B</i> , 1991 , 43, 2081-2087	3-3	9
83	Double Raman resonances induced by a magnetic field in GaAs-AlAs multiple quantum wells. <i>Physical Review B</i> , 1991 , 44, 1113-1117	3-3	17

82	Electromodulation of magnetorotons in coupled quasi-two-dimensional electron gases. <i>Physical Review B</i> , 1991 , 44, 10676-10679	3.3	4
81	Tunneling in Semiconductor Microstructures in the Presence of a Transverse Magnetic Field. <i>NATO ASI Series Series B: Physics</i> , 1991 , 265-274		
80	Resonant Raman Scattering in GaAs-AlAs Multiquantum Wells Under Magnetic Fields. <i>NATO ASI Series Series B: Physics</i> , 1991 , 53-61		2
79	Resonant tunneling through Landau levels in quantum wells in the presence of inelastic-scattering broadening. <i>Physical Review B</i> , 1990 , 41, 3053-3059	3.3	22
78	Electronic and optical properties of ZnSe-ZnS effective-mass strained superlattices. <i>Physical Review B</i> , 1990 , 42, 11198-11202	3.3	21
77	Resonant raman scattering in GaAs/AlAs coupled double wells. <i>Surface Science</i> , 1990 , 228, 176-179	1.8	1
76	Quantum transmission channels for magnetotunneling in semiconductor microstructures. <i>Surface Science</i> , 1990 , 228, 291-295	1.8	4
75	Coherent and sequential resonant magnetotunneling through double barrier structures. <i>Surface Science</i> , 1990 , 229, 177-181	1.8	4
74	Resonant Transverse Magnetotunneling Through Double Barrier Systems. <i>NATO ASI Series Series B: Physics</i> , 1990 , 325-333		
73	Interface states in CdTe-ZnTe strained superlattices. <i>Physical Review B</i> , 1989 , 40, 3955-3961	3.3	14
72	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	3.3	6
71	Coherent and sequential tunneling in double barriers with transverse magnetic fields. <i>Physical Review B</i> , 1989 , 40, 8548-8551	3.3	24
70	Quantum oscillations and negative differential resistance in nonresonant magnetotunneling. <i>Physical Review B</i> , 1989 , 39, 11187-11190	3.3	14
69	Magnetotunneling in semiconductor superlattices. <i>Superlattices and Microstructures</i> , 1989 , 5, 531-533	2.8	5
68	Magnetotunneling in Semiconductor Microstructures. <i>NATO ASI Series Series B: Physics</i> , 1989 , 407-423		
67	Band offsets in Si _{1-x} Ge _x and Ge _{1-x} Si _x strained heterojunctions. <i>Solid State Communications</i> , 1988 , 67, 445-447	1.6	2
66	Electric field modulation of valence band mixing in semiconductor quantum wells. <i>Superlattices and Microstructures</i> , 1988 , 4, 653-656	2.8	
65	Effect of a high transverse magnetic field on the tunneling through barriers between semiconductors and superlattices. <i>Physical Review B</i> , 1988 , 38, 9649-9656	3.3	57

64	Study of electric field effects on the electronic structure of quantum wells by resonant Raman scattering. <i>Surface Science</i> , 1988 , 196, 578-583	1.8	2
63	Generalized transfer Hamiltonian for the study of resonant tunneling. <i>Physical Review B</i> , 1988 , 38, 10507-10511	3.3	19
62	Energy barriers and interface states at heterojunctions. <i>Perspectives in Condensed Matter Physics</i> , 1988 , 230-248		
61	On the formation of semiconductor interfaces. <i>Journal of Physics C: Solid State Physics</i> , 1987 , 20, 145-175		165
60	Heterojunction band offsets and the interface dielectric function. <i>Physical Review B</i> , 1987 , 36, 5920-5924	3.3	13
59	Resonant Raman scattering in GaAs-Ga _{1-x} Al _x As quantum wells in an electric field. <i>Physical Review B</i> , 1987 , 36, 6054-6057	3.3	9
58	Folding effects in GaAs-AlAs superlattices. <i>Physical Review B</i> , 1987 , 35, 9112-9119	3.3	31
57	New optical transitions in Si-Ge strained superlattices. <i>Physical Review Letters</i> , 1987 , 59, 1022-1025	7.4	71
56	Localization in a one-dimensional quasiperiodic Hamiltonian with off-diagonal disorder. <i>Physical Review B</i> , 1987 , 35, 5270-5272	3.3	12
55	Dangling bond states for a buckled Si(111)2 × 1 surface. <i>Surface Science</i> , 1987 , 182, 606-612	1.8	1
54	ELECTRONIC STRUCTURE OF Si-Ge STRAINED SUPERLATTICES. <i>Journal De Physique Colloque</i> , 1987 , 48, C5-557-C5-560		2
53	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		5
52	Many-body effects in the paramagnetic and antiferromagnetic states of the (111) silicon face. <i>Physical Review B</i> , 1986 , 33, 537-543	3.3	2
51	Interpolative solution for the periodic Anderson model of mixed-valence compounds. <i>Physical Review B</i> , 1986 , 33, 1814-1822	3.3	40
50	Electric field dependence of the resonant Raman scattering in GaAs-Ga _{1-x} Al _x As quantum wells. <i>Physical Review B</i> , 1986 , 33, 7389-7391	3.3	7
49	Electronic structure of (100) semiconductor heterojunctions. <i>Surface Science</i> , 1986 , 168, 553-557	1.8	33
48	Study of the cancellation of the lattice mismatch in GaSb-AlSb superlattices. <i>Surface Science</i> , 1986 , 168, 558-563	1.8	10
47	Anion-induced surface states for the ideal (100) faces of GaAs, AlAs and GaSb. <i>Surface Science</i> , 1986 , 172, 47-56	1.8	4

46	Effect of the electron-electron interaction on the band structure of semiconductors. <i>Solid State Communications</i> , 1985 , 55, 1093-1096	1.6	3
45	Raman resonance on E1 edges in superlattices. <i>Physical Review B</i> , 1985 , 32, 5303-5311	3.3	54
44	Linear electro-optic effects in zinc blende semiconductors. <i>Journal of Applied Physics</i> , 1985 , 58, 4666-4669	2.5	15
43	Correlation effects in the Si(111) $\sqrt{3} \times \sqrt{3}$ surface. <i>Surface Science</i> , 1985 , 152-153, 1027-1034	1.8	4
42	Electronic properties of Si(111) semiconductor surfaces. <i>Surface Science</i> , 1985 , 162, 156-162	1.8	2
41	Electron-Phonon and Correlation Effects at Silicon Surfaces 1985 , 47-50		
40	Scaling of the Hamiltonian and momentum in semiconductors. <i>Physical Review B</i> , 1984 , 29, 6840-6845	3.3	24
39	Comment on "Static Charge Fluctuations in Amorphous Silicon". <i>Physical Review Letters</i> , 1984 , 52, 1840-1840	1.4	8
38	Electron correlation effects at vacancies in Si(111) unreconstructed surfaces. <i>Physical Review B</i> , 1984 , 30, 1038-1041	3.3	1
37	Quasiparticle spectral density of low-dimensional Hubbard Hamiltonians. <i>Physical Review B</i> , 1984 , 29, 476-478	3.3	15
36	General solution of the periodic Anderson Hamiltonian in one dimension at T=0 K: Symmetric and nonsymmetric cases. <i>Physical Review B</i> , 1984 , 30, 7299-7301	3.3	3
35	Temperature effects on the highly correlated electron gas of a Si-111(1 \times 1) surface. <i>Solid State Communications</i> , 1983 , 47, 939-941	1.6	9
34	Raman tensor of covalent semiconductors. <i>Solid State Communications</i> , 1983 , 48, 403-406	1.6	43
33	MANY-BODY EFFECTS IN THE (111)-1 X 1 SURFACE OF HIGHLY DOPED SILICON. <i>Journal of Physics C: Solid State Physics</i> , 1983 , 16, L39-L43		8
32	Theoretical analysis of optical-phonon deformation potentials in semiconductors. <i>Journal of Physics C: Solid State Physics</i> , 1983 , 16, 2251-2259		4
31	Effective two-dimensional Hamiltonian at surfaces. <i>Physical Review B</i> , 1983 , 28, 4397-4402	3.3	225
30	Self-consistent calculation of the internal strain parameter of silicon. <i>Physical Review B</i> , 1982 , 26, 5960-5962	3.6	13
29	Self-consistent calculation of properties of GaAs-AlAs superlattices with homopolar interfaces. <i>Physical Review B</i> , 1982 , 26, 5824-5831	3.3	27

28	Phonon contribution to electronic transport properties of semiconductors. <i>Journal of Physics C: Solid State Physics</i> , 1982 , 15, 755-765		5
27	Many-body effects in the (111)-silicon dangling-bond surface states. <i>Solid State Communications</i> , 1982 , 44, 1633-1636	1.6	26
26	Diamond structure versus wurtzite structure for silicon. <i>Solid State Communications</i> , 1981 , 38, 871-873	1.6	8
25	Generalized Wannier functions at interfaces: Stacking faults in silicon. <i>Physical Review B</i> , 1981 , 24, 1006-1013	3.3	20
24	Electron-phonon interaction in tetrahedrally bonded solids. <i>Journal of Physics C: Solid State Physics</i> , 1981 , 14, 3355-3363		10
23	Electronic Interface States in Intrinsic Stacking-Faults for Covalent Semiconductors. <i>Physica Status Solidi (B): Basic Research</i> , 1980 , 98, K117-K119	1.3	4
22	Short-Range Effects in Germanium-Silicon. <i>Physica Status Solidi (B): Basic Research</i> , 1980 , 99, 501-505	1.3	
21	Many-body effects in semiconductors. <i>Journal of Physics C: Solid State Physics</i> , 1980 , 13, 5515-5527		12
20	Fourier transformed Compton profiles of semiconductors. <i>Solid State Communications</i> , 1979 , 32, 1303-1306		2
19	Interface states at (111) heterojunctions. <i>Surface Science</i> , 1979 , 80, 134-140	1.8	9
18	Alkali adsorbates and surface states in (111) covalent faces. <i>Journal of Physics C: Solid State Physics</i> , 1979 , 12, L89-L92		10
17	Self-consistent localised description of the electronic structure of semiconductors. <i>Journal of Physics C: Solid State Physics</i> , 1979 , 12, 499-511		23
16	Self-consistent calculation of the structural properties of silicon. <i>Physical Review B</i> , 1979 , 20, 4251-4255	3.3	21
15	Ab initio self-consistent calculation of silicon electronic structure by means of Wannier functions. <i>Physical Review B</i> , 1979 , 19, 2283-2290	3.3	56
14	Energy barriers and interface states at heterojunctions. <i>Journal of Physics C: Solid State Physics</i> , 1979 , 12, 731-749		124
13	Surface States in the (111) and (111) Faces of Zincblende Compounds. <i>Physica Status Solidi (B): Basic Research</i> , 1978 , 88, 591-597	1.3	11
12	Dangling bond surfaces states in (111) faces of zinc-blende compounds. <i>Solid State Communications</i> , 1978 , 27, 29-31	1.6	10
11	Comment on "Ionicity and the theory of Schottky barrier". <i>Physical Review B</i> , 1977 , 16, 4695-4697	3.3	6

10	Theoretical analysis of (100) and (111) faces of copper. <i>Journal of Physics F: Metal Physics</i> , 1977 , 7, 991-997	3
9	The metal-semiconductor interface: Si (111) and zinblende (110) junctions. <i>Journal of Physics C: Solid State Physics</i> , 1977 , 10, 2163-2177	258
8	A simple approach to heterojunctions. <i>Journal of Physics C: Solid State Physics</i> , 1977 , 11, L19-L23	157
7	Surface states and photoemission in 111-Si faces. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1977 , 62, 99-101	2.3 2
6	A simple approach to covalent surfaces. <i>Journal De Physique</i> , 1977 , 38, 949-960	12
5	Displaced abrupt barrier and self-consistency of dangling-bond surface states. <i>Journal of Physics C: Solid State Physics</i> , 1976 , 9, L429-L432	16
4	The ionic structure and the electronic potential of metal surfaces. <i>Journal of Physics F: Metal Physics</i> , 1976 , 6, 1647-1659	28
3	On the electronic potential and ionic relaxation at metal surfaces. <i>Solid State Communications</i> , 1975 , 17, 995-998	1.6 5
2	The charge neutrality point in covalent semiconductor surfaces. <i>Solid State Communications</i> , 1974 , 15, 587-589	1.6 18
1	Exciton and Polariton Condensation 153-189	