

Gloria Platero

List of Publications by Year in descending order

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208
papers

5,312
citations

81900

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65
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214
all docs

214
docs citations

214
times ranked

2389
citing authors

#	ARTICLE	IF	CITATIONS
1	Photon-assisted transport in semiconductor nanostructures. <i>Physics Reports</i> , 2004, 395, 1-157.	25.6	447
2	Floquet-Bloch Theory and Topology in Periodically Driven Lattices. <i>Physical Review Letters</i> , 2013, 110, 200403.	7.8	302
3	Theoretical Approach to Microwave-Radiation-Induced Zero-Resistance States in 2D Electron Systems. <i>Physical Review Letters</i> , 2005, 94, 016806.	7.8	160
4	Merging of Dirac points and Floquet topological transitions in ac-driven graphene. <i>Physical Review B</i> , 2013, 88, .	3.2	159
5	Unconventional quantum optics in topological waveguide QED. <i>Science Advances</i> , 2019, 5, eaaw0297.	10.3	139
6	Nonequilibrium Transport through Double Quantum Dots: Kondo Effect versus Antiferromagnetic Coupling. <i>Physical Review Letters</i> , 2002, 89, 136802.	7.8	138
7	ac-Driven Double Quantum Dots as Spin Pumps and Spin Filters. <i>Physical Review Letters</i> , 2005, 94, 107202.	7.8	132
8	Dynamical detection of Majorana fermions in current-biased nanowires. <i>Physical Review B</i> , 2012, 86, .	3.2	124
9	Bipolar spin blockade and coherent state superpositions in a triple quantum dot. <i>Nature Nanotechnology</i> , 2013, 8, 261-265.	31.5	83
10	ac-driven localization in a two-electron quantum dot molecule. <i>Physical Review B</i> , 2002, 65, .	3.2	82
11	Interplay between long-range hopping and disorder in topological systems. <i>Physical Review B</i> , 2019, 99, .	3.2	76
12	Kondo Effect in ac Transport through Quantum Dots. <i>Physical Review Letters</i> , 1998, 81, 4688-4691.	7.8	71
13	Temperature effects on microwave-induced resistivity oscillations and zero-resistance states in two-dimensional electron systems. <i>Physical Review B</i> , 2005, 72, .	3.2	70
14	Electronic transport through a double quantum dot in the spin-blockade regime: Theoretical models. <i>Physical Review B</i> , 2007, 76, .	3.2	70
15	Dynamical polarizability of graphene irradiated by circularly polarized ac electric fields. <i>Physical Review B</i> , 2012, 85, .	3.2	69
16	Engineering anomalous quantum Hall plateaus and antichiral states with ac fields. <i>Physical Review B</i> , 2014, 89, .	3.2	69
17	Floquet engineering of long-range-p-wave superconductivity. <i>Physical Review B</i> , 2014, 90, .	3.2	69
18	Control of spin blockade by ac magnetic fields in triple quantum dots. <i>Physical Review B</i> , 2010, 81, .	3.2	67

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37	Electronic structure of superlattices and quantum wells under uniaxial stress. Physical Review B, 1987, 36, 6591-6595.	3.2	42
38	Current self-oscillations, spikes, and crossover between charge monopole and dipole waves in semiconductor superlattices. Physical Review B, 1999, 60, 4489-4492.	3.2	42
39	Magnetoresistivity modulated response in bichromatic microwave irradiated two dimensional electron systems. Applied Physics Letters, 2006, 89, 172114.	3.3	42
40	Photoassisted sequential tunnelling through superlattices. Europhysics Letters, 1996, 34, 43-48.	2.0	39
41	Charge transport through open driven two-level systems with dissipation. Physical Review B, 2004, 69, .	3.2	39
42	Spin-filtering through excited states in double-quantum-dot pumps. Physical Review B, 2006, 74, .	3.2	39
43	Light-assisted magnetotunneling through a semiconductor double-barrier structure. Physical Review B, 1995, 51, 5244-5252.	3.2	38
44	Effect of an in-plane magnetic field on microwave-assisted magnetotransport in a two-dimensional electron system. Physical Review B, 2008, 78, .	3.2	38
45	Signatures of a 4π -periodic supercurrent in the voltage response of capacitively shunted topological Josephson junctions. Physical Review B, 2017, 96, .	3.2	38
46	Coherent Control of Interacting Particles Using Dynamical and Aharonov-Bohm Phases. Physical Review Letters, 2010, 105, 086804.	7.8	37
47	Driving Weiss oscillations to zero resistance states by microwave Radiation. Applied Physics Letters, 2008, 93, 062104.	3.3	36
48	Topological Instabilities in ac-Driven Bosonic Systems. Physical Review Letters, 2016, 117, 045302.	7.8	36
49	Reflectance spectroscopy on GaAs-Ga _{0.5} Al _{0.5} As single quantum wells under in-plane uniaxial stress at liquid-helium temperature. Physical Review B, 1988, 38, 1215-1220.	3.2	35
50	Photoinduced Multistable Phenomena in the Tunneling Current through Doped Superlattices. Physical Review Letters, 1998, 81, 4971-4974.	7.8	35
51	Steady-State Coherent Transfer by Adiabatic Passage. Physical Review Letters, 2013, 110, 036802.	7.8	35
52	Electronic structure of (100) semiconductor heterojunctions. Surface Science, 1986, 168, 553-557.	1.9	34
53	Resonance fluorescence in driven quantum dots: Electron and photon correlations. Physical Review B, 2008, 78, .	3.2	33
54	Hyperfine interactions in two-dimensional HgTe topological insulators. Physical Review B, 2013, 88, .	3.2	32

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55	Field-domain spintronics in magnetic semiconductor multiple quantum wells. <i>Physical Review B</i> , 2001, 65, .	3.2	31
56	Photoinduced current bistabilities in a semiconductor double barrier. <i>Europhysics Letters</i> , 1996, 33, 477-482.	2.0	30
57	Sequential tunneling current through semiconductor superlattices under intense THz radiation. <i>Applied Physics Letters</i> , 1997, 70, 3546-3548.	3.3	30
58	Electron-photon interaction in resonant tunneling diodes. <i>Europhysics Letters</i> , 1997, 40, 417-422.	2.0	29
59	Spin-polarized currents in double and triple quantum dots driven by ac magnetic fields. <i>Physical Review B</i> , 2010, 82, .	3.2	29
60	Resonant tunnelling through a double-barrier structure assisted by a photon field. <i>Semiconductor Science and Technology</i> , 1994, 9, 515-518.	2.0	28
61	Spin-polarized pumping in a double quantum dot. <i>Nanotechnology</i> , 2003, 14, 152-156.	2.6	28
62	Quasiperiodic current and strange attractors in ac-driven superlattices. <i>Physical Review B</i> , 2001, 63, .	3.2	27
63	Electron bunching in stacks of coupled quantum dots. <i>Physical Review B</i> , 2008, 77, .	3.2	27
64	Topological phases in adiabatic and nonadiabatic driven systems. <i>Physical Review B</i> , 2012, 86, .	3.2	27
65	Coherent and sequential tunneling in double barriers with transverse magnetic fields. <i>Physical Review B</i> , 1989, 40, 8548-8551.	3.2	25
66	Hysteretic behavior in weakly coupled double-dot transport in the spin blockade regime. <i>Applied Physics Letters</i> , 2007, 91, 252112.	3.3	25
67	Superexchange blockade in triple quantum dots. <i>Physical Review B</i> , 2014, 89, .	3.2	25
68	Effect of magnetic field on spin blockade lifting of weakly coupled quantum dots. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006, 203, 1148-1153.	1.8	24
69	Interband resonant tunneling and transport in InAs/AlSb/GaSb heterostructures. <i>Physical Review B</i> , 1993, 47, 4475-4484.	3.2	23
70	Spin-polarized current oscillations in diluted magnetic semiconductor multiple quantum wells. <i>Physical Review B</i> , 2003, 67, .	3.2	23
71	Microwave-induced resistance oscillations and zero-resistance states in two-dimensional electron systems with two occupied subbands. <i>Physical Review B</i> , 2011, 84, .	3.2	22
72	Simulation of 1D Topological Phases in Driven Quantum Dot Arrays. <i>Physical Review Letters</i> , 2019, 123, 126401.	7.8	22

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73	Valence-band levels and optical transitions in quantum wells in a parallel magnetic field. <i>Physical Review B</i> , 1989, 39, 3758-3763.	3.2	21
74	Coherent spin rotations in open driven double quantum dots. <i>Physical Review B</i> , 2008, 77, .	3.2	21
75	Microwave magnetoabsorption in two-dimensional electron systems. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	21
76	Sublattice dynamics and quantum state transfer of doublons in two-dimensional lattices. <i>Physical Review B</i> , 2017, 95, .	3.2	21
77	Thermoelectric performance of topological boundary modes. <i>Physical Review B</i> , 2018, 98, .	3.2	21
78	Magnetic hole levels in quantum wells in a parallel field. <i>Surface Science</i> , 1988, 196, 540-544.	1.9	20
79	Generalized transfer Hamiltonian for the study of resonant tunneling. <i>Physical Review B</i> , 1988, 38, 10507-10511.	3.2	20
80	Spin correlations in spin blockade. <i>New Journal of Physics</i> , 2008, 10, 115013.	2.9	20
81	Phonon-mediated decoherence in triple quantum dot interferometers. <i>Physical Review B</i> , 2011, 83, .	3.2	20
82	Dark Bell states in tunnel-coupled spin qubits. <i>Physical Review B</i> , 2013, 87, .	3.2	20
83	Nonequilibrium relaxation transport of ultracold atoms. <i>Physical Review A</i> , 2014, 90, .	2.5	20
84	Photon assisted long-range tunneling. <i>Journal of Applied Physics</i> , 2015, 117, .	2.5	20
85	Surface green function matching approach to the surface dynamics of ionic crystals. <i>Surface Science</i> , 1984, 143, 243-252.	1.9	19
86	Spin Many-Body Phases in Standard- and Topological-Waveguide QED Simulators. <i>PRX Quantum</i> , 2022, 3, .	9.2	18
87	Surface Waves in Solids and Fluids. <i>Physica Scripta</i> , 1981, 23, 1108-1112.	2.5	17
88	Surface green function matching approach to the surface dynamics of ionic crystals. <i>Surface Science</i> , 1984, 143, 253-266.	1.9	17
89	Initial stages of the Schottky-barrier formation for abrupt covalent interfaces. <i>Surface Science</i> , 1986, 168, 100-104.	1.9	17
90	Temperature dependence of current self-oscillations and electric-field domains in sequential-tunneling doped superlattices. <i>Physical Review B</i> , 2001, 64, .	3.2	17

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91	Realizing Broadbands of Strong Nonlinear Coupling in Nanoelectromechanical Electron Shuttles. Physical Review Letters, 2013, 111, 197202.	7.8	17
92	Discontinuities in Driven Spin-Boson Systems due to Coherent Destruction of Tunneling: Breakdown of the Floquet-Gibbs Distribution. Physical Review Letters, 2019, 123, 120602.	7.8	17
93	Surface green function matching for crystal lattice dynamics. Surface Science, 1984, 136, 601-628.	1.9	16
94	Channel blockade in a two-path triple-quantum-dot system. Physical Review B, 2016, 94, .	3.2	16
95	Coupled Landau-Zener-Stückelberg quantum dot interferometers. Physical Review B, 2016, 93, .	3.2	15
96	Edge-state blockade of transport in quantum dot arrays. Physical Review B, 2016, 93, .	3.2	15
97	Dynamical instability of electric-field domains in ac-driven superlattices. Physical Review B, 2003, 67, .	3.2	14
98	Electron bunching in triple quantum dot interferometers. Chemical Physics, 2010, 375, 284-290.	1.9	14
99	Microwave-induced resistance oscillations versus magnetoabsorption in two-dimensional electron systems: role of temperature. Nanotechnology, 2010, 21, 315401.	2.6	14
100	Limit cycles and chaos in the current through a quantum dot. Physical Review B, 2012, 85, .	3.2	14
101	Dissipative long-range entanglement generation between electronic spins. Physical Review B, 2016, 94, .	3.2	13
102	Fast long-range charge transfer in quantum dot arrays. Nanotechnology, 2018, 29, 505201.	2.6	13
103	Spin Entangled State Transfer in Quantum Dot Arrays: Coherent Adiabatic and Speed-Up Protocols. Advanced Quantum Technologies, 2019, 2, 1900048.	3.9	13
104	$\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle \tilde{\epsilon} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:} \text{-periodic supercurrent tuned by an axial magnetic flux in topological insulator nanowires. Physical Review Research, 2022, 4, .$	3.6	13
105	Tunnel spectroscopy in ac-driven quantum dot nanoresonators. Applied Physics Letters, 2008, 92, .	3.3	12
106	Quasienergy spectrum and tunneling current in ac-driven triple quantum dot shuttles. New Journal of Physics, 2011, 13, 023032.	2.9	12
107	Spin-orbit effects in a triple quantum dot shuttle. Physical Review B, 2013, 88, .	3.2	12
108	Tunable zero modes and quantum interferences in flat-band topological insulators. Quantum - the Open Journal for Quantum Science, 0, 5, 591.	0.0	12

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109	Multi-quantum-well spin oscillator. Applied Physics Letters, 2007, 91, .	3.3	11
110	Charge localization and dynamical spin locking in double quantum dots driven by ac magnetic fields. Physical Review B, 2011, 84, .	3.2	11
111	Double coupled electron shuttle. Physical Review B, 2012, 86, .	3.2	11
112	Transport, shot noise, and topology in AC-driven dimer arrays. Nanotechnology, 2016, 27, 454002.	2.6	11
113	Lattice vibrations At (111) and (001) surfaces of fcc transition metals by using the surface green function matching (SFGM) method. Surface Science, 1985, 152-153, 819-825.	1.9	10
114	Canted phase in double quantum dots. Physical Review B, 2001, 64, .	3.2	10
115	Electron spin resonance in triple quantum dot interferometers. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 830-832.	2.7	9
116	Transport properties of a molecule embedded in an Aharonov-Bohm interferometer. Physical Review B, 2010, 81, .	3.2	9
117	Radiation-induced resistance oscillations in a 2D hole gas: a demonstration of a universal effect. Journal of Physics Condensed Matter, 2015, 27, 415801.	1.8	9
118	Random-walk topological transition revealed via electron counting. Physical Review B, 2017, 96, .	3.2	9
119	Direct transfer of two-electron quantum states in ac-driven triple quantum dots. Physical Review B, 2019, 99, .	3.2	9
120	Initial stages of the Schottky-barrier formation for an abrupt Al-GaAs(100) interface. Physical Review B, 1986, 34, 2389-2393.	3.2	8
121	Interband magneto-optics in GaAs/AlGaAs quantum wells in a parallel field. Surface Science, 1992, 267, 509-513.	1.9	8
122	Dynamical nuclear spin polarization induced by electronic current through double quantum dots. New Journal of Physics, 2011, 13, 053010.	2.9	8
123	Self-sustained spin-polarized current oscillations in multi-quantum well structures. New Journal of Physics, 2009, 11, 013033.	2.9	7
124	Temperature-dependent dynamical nuclear polarization bistabilities in double quantum dots in the spin-blockade regime. Physical Review B, 2013, 88, .	3.2	7
125	Coherent long-range thermoelectrics in nonadiabatic driven quantum systems. Physical Review B, 2017, 95, .	3.2	7
126	Magnetotunneling in semiconductor superlattices. Superlattices and Microstructures, 1989, 5, 531-533.	3.1	6

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127	Hyperfine mediated triplet-singlet transition probability in a double-quantum-dot system: Analogy with the double-slit experiment. <i>Physical Review B</i> , 2009, 80, .	3.2	6
128	Floquet Majorana fermions in superconducting quantum dots. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2015, 74, 608-613.	2.7	6
129	Doublon lifetimes in dissipative environments. <i>Physical Review B</i> , 2017, 96, .	3.2	6
130	Floquet engineering of Dirac cones on the surface of a topological insulator. <i>Physical Review B</i> , 2019, 100, .	3.2	6
131	Spin-dependent transport through magnetic nanojunctions. <i>Open Physics</i> , 2006, 4, 30-41.	1.7	5
132	Tunable nuclear polarization with external stationary fields in weakly coupled double quantum dots. <i>Applied Physics Letters</i> , 2009, 94, 252106.	3.3	5
133	Triple quantum dots as charge rectifiers. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 154001.	1.8	5
134	Designing adiabatic time evolution from high-frequency bichromatic sources. <i>Physical Review Research</i> , 2020, 2, .	3.6	5
135	Topology detection in cavity QED. <i>Physical Chemistry Chemical Physics</i> , 0, , .	2.8	5
136	Quantum transmission channels for magnetotunneling in semiconductor microstructures. <i>Surface Science</i> , 1990, 228, 291-295.	1.9	4
137	Coherent and sequential resonant magnetotunneling through double barrier structures. <i>Surface Science</i> , 1990, 229, 177-181.	1.9	4
138	Photon-assisted tunneling in ac driven double quantum dot spin pumps. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006, 203, 1154-1159.	1.8	4
139	Spin filter effect in an AC-driven double quantum dot. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2006, 34, 405-408.	2.7	4
140	Transport in an ac-driven triple dot quantum shuttle. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 1105-1107.	2.7	4
141	Electron spin resonance in double quantum dots. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 1457-1459.	2.7	4
142	Non-linear spin transport in magnetic semiconductor multiple quantum wells. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002, 13, 525-528.	2.7	3
143	Removing spin blockade by photon-assisted tunneling in double quantum dots. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 3932-3936.	1.5	3
144	Phonon emission in two levels quantum dots. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 1157-1159.	2.7	3

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145	Shot noise in spin pumps. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 1276-1278.	2.7	3
146	Magnetoswitching of current oscillations in dilute magnetic semiconductor nanostructures. <i>Physical Review B</i> , 2009, 80, .	3.2	3
147	Magnetotransport excited by linearly polarized radiation in 2D electron systems. <i>Journal of Physics: Conference Series</i> , 2010, 210, 012042.	0.4	3
148	Transport blocking and topological phases using ac magnetic fields. <i>Physical Review B</i> , 2012, 85, .	3.2	3
149	Unidirectional direct current in coupled nanomechanical resonators by tunable symmetry breaking. <i>Physical Review B</i> , 2014, 89, .	3.2	3
150	Radiation-induced magnetoresistance oscillations with massive Dirac fermions. <i>New Journal of Physics</i> , 2021, 23, 063004.	2.9	3
151	Dynamical second-order noise sweetspots in resonantly driven spin qubits. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 5, 607.	0.0	3
152	Magnetic field induced charge instabilities in weakly coupled superlattices. <i>Physica B: Condensed Matter</i> , 1998, 256-258, 233-238.	2.7	2
153	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.	2.7	2
154	Dynamics of electric field domain walls in semiconductor superlattices. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2000, 7, 299-301.	2.7	2
155	Role of dynamic nuclear polarization on the transport through weakly coupled double quantum dots. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 195104.	2.8	2
156	Electron Spin Resonance in Triple Quantum Dots. <i>Journal of Physics: Conference Series</i> , 2010, 245, 012016.	0.4	2
157	Electronic Transport in Asymmetric Graphene Superlattice with Internal Potential Well. <i>Journal of the Physical Society of Japan</i> , 2015, 84, 064702.	1.6	2
158	Hole levels of GaAs δ -GaAlAs quantum wells in a parallel magnetic field. <i>Superlattices and Microstructures</i> , 1989, 5, 499-502.	3.1	1
159	Electric Field Domain Formation and Multistability in Semiconductor Multiple Quantum Wells in the Presence of THz Radiation. <i>Physica Status Solidi A</i> , 1997, 164, 235-239.	1.7	1
160	Dynamical localization, stimulated absorption and emission in a double quantum well, induced by a THz field. <i>Superlattices and Microstructures</i> , 1997, 22, 9-13.	3.1	1
161	AC Kondo effect in quantum dots. <i>Physica B: Condensed Matter</i> , 1998, 256-258, 165-168.	2.7	1
162	Photo-assisted dynamical transport in multiple quantum wells. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002, 12, 319-322.	2.7	1

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163	Temperature-induced breakdown of stationary electric field domains in superlattices. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 13, 798-801.	2.7	1
164	Coherence and localization in AC-driven quantum dots. Microelectronics Journal, 2004, 35, 19-22.	2.0	1
165	Microwave-induced zero-resistance states on 2D electron gas: theoretical explanation and temperature dependence. Microelectronics Journal, 2005, 36, 334-337.	2.0	1
166	Phonon-assisted transport through a double quantum dot: magnetic field dependence in a spin blockade regime. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 3774-3777.	0.8	1
167	New emerging effects in microwave-induced resistivity oscillations in 2D electron systems: Bichromatic radiation, anharmonicity and polarization immunity. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 1902-1905.	2.7	1
168	Spin dynamics in double quantum dots in the spin blockade regime. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 643-648.	2.7	1
169	Effects of noise on hysteresis and resonance width in graphene and nanotubes resonators. Physical Review B, 2013, 87, .	3.2	1
170	Fourier transform analysis of irradiated Weiss oscillations. Europhysics Letters, 2015, 109, 67001.	2.0	1
171	Rashba coupling and spin switching through surface states of Dirac semimetals. New Journal of Physics, 2021, 23, 023008.	2.9	1
172	Rabi Dynamics in Driven Tunneling Devices. Mathematics in Industry, 2008, , 444-448.	0.3	1
173	Spin Transport in Diluted Magnetic Semiconductor Superlattices. , 2003, , 167-181.		1
174	Resonant tunneling in time-dependent fields through laterally confined double barriers. Surface Science, 1996, 361-362, 217-221.	1.9	0
175	A.c. field assisted current in GaAs-AlGaAs superlattices. Solid-State Electronics, 1996, 40, 295-298.	1.4	0
176	Photon assisted electric field domains in doped semiconductor superlattices. Physica B: Condensed Matter, 1998, 249-251, 904-908.	2.7	0
177	Transport in quantum dots in the Kondo regime under the influence of an AC potential. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 12, 810-814.	2.7	0
178	Canted phase in artificial molecules. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 12, 904-907.	2.7	0
179	Non-linear spin transport in magnetic semiconductor superlattices. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1547-E1549.	2.3	0
180	Dynamical control of electronic states in AC-driven quantum dots. AIP Conference Proceedings, 2005, , .	0.4	0

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181	AC-Driven Double Quantum Dots as Spin Pumps. AIP Conference Proceedings, 2005, , .	0.4	0
182	Temperature and magnetic field dependence of radiation-induced magnetoresistance oscillations in a 2D electron gas. Physica Status Solidi (A) Applications and Materials Science, 2006, 203, 1188-1193.	1.8	0
183	Spin blockade removal in a double quantum dot via hyperfine interaction. Physica E: Low-Dimensional Systems and Nanostructures, 2006, 34, 429-432.	2.7	0
184	Spin currents in AC-driven double quantum dots. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 497-500.	0.8	0
185	Interplay of acoustic phonons and Overhauser interaction in spin blockade removal in double quantum dots. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 469-471.	0.8	0
186	Overhauser field-induced electron transport through weakly coupled double quantum dots. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1266-1269.	1.8	0
187	Self-sustained current oscillations in a multi-quantum-well spin polarized structure with normal contacts. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1270-1275.	1.8	0
188	Multiquantum well spin polarized current oscillator. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 1099-1101.	2.7	0
189	Dynamical nuclear polarization in double quantum dots induced by hyperfine interaction. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 1189-1190.	2.7	0
190	Self-Sustained Spin-Polarized Current Oscillations in Diluted Magnetic Semiconductor Superlattices. IEEE Transactions on Magnetics, 2008, 44, 2662-2665.	2.1	0
191	Weiss Oscillations Modulated by Microwave Radiation. IEEE Transactions on Magnetics, 2008, 44, 4509-4512.	2.1	0
192	Phase diagrams and switching of voltage and magnetic field in dilute magnetic semiconductor nanostructures. Physica Status Solidi - Rapid Research Letters, 2010, 4, 76-78.	2.4	0
193	Role of an in-plane field in 2D magnetotransport assisted by microwaves. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 1073-1074.	2.7	0
194	Quenching of microwave-induced resistance oscillations in Hall bars: role of frequency and temperature. , 2010, , .		0
195	Effect of microwave radiation on Weiss oscillations: creation and destruction of zero resistance states. , 2010, , .		0
196	Square Root Growth in The Amplitude of Microwave-Induced Resistance Oscillations for Increasing Power in Two-Dimensional Electron Systems. , 2011, , .		0
197	Magnetoabsorption and radiation-induced resistance oscillations in two-dimensional electron systems. AIP Conference Proceedings, 2011, , .	0.4	0
198	Reprint of : Floquet Majorana fermions in superconducting quantum dots. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 82, 266-271.	2.7	0

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199	Nonlinear Transport in Semiconductor Superlattices. Mathematics in Industry, 2002, , 372-385.	0.3	0
200	Electron Dynamics in AC-Driven Quantum Dots. Lecture Notes in Physics, 0, , 157-173.	0.7	0
201	Spin Dynamics in Quantum Dots. Mathematics in Industry, 2010, , 153-158.	0.3	0
202	Self-Sustained Spin-Polarized Current Oscillations in Multiquantum Well Structures. Mathematics in Industry, 2010, , 147-152.	0.3	0
203	Resonant Interband Tunneling. NATO ASI Series Series B: Physics, 1991, , 61-70.	0.2	0
204	Photoassisted Tunneling Through Semiconductor Nanostructures. , 1995, , 395-410.		0
205	Quenching of Bistability by Photoassisted Tunneling through a Semiconductor Double Barrier. , 1996, , 543-546.		0
206	Resonant Tunneling Through Nanostructures in Ac Fields. , 1996, , 327-351.		0
207	Non-Linear Charge Dynamics in Semiconductor Superlattices. , 2000, , 334-335.		0
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