

Rolf J Haug

List of Publications by Year in descending order

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340
papers

8,113
citations

50566

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347
all docs

347
docs citations

347
times ranked

4373
citing authors

#	ARTICLE	IF	CITATIONS
1	MXene assisted preparation of well-intergrown ZIF-67 membrane for helium separation. Journal of Membrane Science, 2022, 652, 120432.	4.1	15
2	Local droplet etching on InAlAs/InP surfaces with InAl droplets. AIP Advances, 2022, 12, 055302.	0.6	3
3	Twisted double ABC-stacked trilayer graphene with weak interlayer coupling. Physical Review B, 2022, 105, .	1.1	2
4	Controlled emission time statistics of a dynamic single-electron transistor. Science Advances, 2021, 7, .	4.7	13
5	Contacting a single nanometer-sized pinhole in the interfacial oxide of a poly-silicon on oxide (POLO) solar cell junction. Progress in Photovoltaics: Research and Applications, 2021, 29, 936-942.	4.4	5
6	Interlayer configurations of self-assembled folded graphene. Applied Physics Letters, 2021, 118, 173101.	1.5	3
7	Single photon emission from ODT passivated near-surface GaAs quantum dots. Applied Physics Letters, 2021, 118, 221107.	1.5	3
8	Thickness-dependent gap energies in thin layers of HfTe_5 . 2D Materials, 2021, 8, 035029.	2.0	0
9	Helical-edge transport near $\nu = 0$ of monolayer graphene. Current Applied Physics, 2021, 27, 25-30.	1.1	2
10	Strain-induced doping and zero line mode at the fold of twisted Bernal-stacked bilayer graphene. 2D Materials, 2021, 8, 045009.	2.0	2
11	Spectral Properties of Stochastic Resonance in Quantum Transport. Physical Review Letters, 2020, 125, 206801.	2.9	2
12	Magnetotransport Spectroscopy of the Interface, Quantum Well, and Hybrid States in Structures with 16-nm-Thick Multiple HgTe Layers. Semiconductors, 2019, 53, 930-935.	0.2	0
13	Quantum stochastic resonance in an a.c.-driven single-electron quantum dot. Nature Physics, 2019, 15, 330-334.	6.5	47
14	Charge Reconfiguration in Isolated Quantum Dot Arrays. Annalen Der Physik, 2019, 531, 1800393.	0.9	5
15	Magnetoresistance of Monolayer Graphene With Short-Range Disorder. Physica Status Solidi (B): Basic Research, 2019, 256, 1800525.	0.7	3
16	Giant magnetoresistance in gapless HgCdTe with Kane fermions. Europhysics Letters, 2019, 128, 47001.	0.7	0
17	Edge Doping in Graphene Devices on SiO ₂ Substrates. Semiconductors, 2019, 53, 1672-1676.	0.2	1
18	Scaling of the Fermi-Edge Singularity in Quantum Dots. Physica Status Solidi (B): Basic Research, 2019, 256, 1800510.	0.7	2

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19	Linking interlayer twist angle to geometrical parameters of self-assembled folded graphene structures. 2D Materials, 2019, 6, 015021.	2.0	12
20	Graphene-like metal-organic frameworks: morphology control, optimization of thin film electrical conductivity and fast sensing applications. CrystEngComm, 2018, 20, 6458-6471.	1.3	70
21	Delamination and Photochemical Modification of a Novel Two-Dimensional Zr-Based Metal-Organic Frameworks. Chemistry - A European Journal, 2018, 24, 12848-12855.	1.7	12
22	Optimal single-electron feedback control. Physica Status Solidi (B): Basic Research, 2017, 254, 1600701.	0.7	3
23	Single-electron control in solid state devices. Physica Status Solidi (B): Basic Research, 2017, 254, 1770217.	0.7	14
24	Endothelialization and characterization of titanium dioxide-coated gas-exchange membranes for application in the bioartificial lung. Acta Biomaterialia, 2017, 50, 510-521.	4.1	46
25	Strongly temperature dependent resistance of meander-patterned graphene. Applied Physics Letters, 2017, 110, 113104.	1.5	2
26	Nanosafety. Chemie-Ingenieur-Technik, 2017, 89, 203-203.	0.4	0
27	Twisted Bilayer Graphene: Interlayer Configuration and Magnetotransport Signatures. Annalen Der Physik, 2017, 529, 1700025.	0.9	18
28	Magnetocapacitance and dissipation factor of epitaxial graphene-based quantum Hall effect devices. Physical Review B, 2017, 96, .	1.1	8
29	Strong suppression of shot noise in a feedback-controlled single-electron transistor. Nature Nanotechnology, 2017, 12, 218-222.	15.6	31
30	Charge reconfiguration in arrays of quantum dots. Physical Review B, 2017, 96, .	1.1	3
31	Influence of oval defects on transport properties in high-mobility two-dimensional electron gases. Applied Physics Letters, 2016, 108, .	1.5	5
32	Nonequilibrium mesoscopic conductance fluctuations as the origin of $1/f$ noise in epitaxial graphene. Physical Review B, 2016, 94, .		
33	Berry phase transition in twisted bilayer graphene. 2D Materials, 2016, 3, 035005.	2.0	11
34	Linear magnetoresistance in compensated graphene bilayer. Physical Review B, 2016, 93, .	1.1	37
35	Competition between Kondo Screening and Quantum Hall Edge Reconstruction. Physical Review Letters, 2016, 116, 096802.	2.9	1
36	Channel blockade in a two-path triple-quantum-dot system. Physical Review B, 2016, 94, .	1.1	16

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37	Negative huge magnetoresistance in high-mobility 2D electron gases: DC-current dependence. Europhysics Letters, 2016, 115, 17005.	0.7	6
38	Partitioning of on-demand electron pairs. Nature Nanotechnology, 2015, 10, 46-49.	15.6	86
39	Suppression of decoherence in a graphene monolayer ring. Applied Physics Letters, 2014, 105, 082112.	1.5	12
40	Superlattice structures in twisted bilayers of folded graphene. Nature Communications, 2014, 5, 5742.	5.8	73
41	Magnetoresistance induced by rare strong scatterers in a high-mobility two-dimensional electron gas. Physical Review B, 2014, 90, .	1.1	44
42	Terahertz Detectors based on graphene. Journal of Physics: Conference Series, 2013, 456, 012011.	0.3	1
43	Two-path transport measurements with bias dependence on a triple quantum dot. , 2013, , .		0
44	Shot-noise at a Fermi-edge singularity: Non-Markovian dynamics. , 2013, , .		0
45	Quantum interference in an electron-hole graphene ring system. , 2013, , .		0
46	Multi-terminal magnetotransport measurements over a tunable graphene p-n junction created by AFM-nanomachining. AIP Conference Proceedings, 2013, , .	0.3	1
47	Quantum dot device tunable from single to triple dot system. , 2013, , .		1
48	Interaction-induced huge magnetoresistance in a high mobility two-dimensional electron gas. , 2013, , .		1
49	RKKY interaction in a chirally coupled double quantum dot system. , 2013, , .		0
50	Photoconductivity of graphene devices induced by terahertz radiation at various photon energies. , 2013, , .		0
51	Spin-dependent shot noise enhancement in a quantum dot. Physical Review B, 2013, 88, .	1.1	19
52	Mixing of edge states at a bipolar graphene junction. Physical Review B, 2013, 88, .	1.1	24
53	Magnetoresistance in a High Mobility Two-Dimensional Electron System as a Function of Sample Geometry. Journal of Physics: Conference Series, 2013, 456, 012003.	0.3	9
54	Exchange interaction in chirally coupled quantum dots. Journal of Physics: Conference Series, 2013, 456, 012014.	0.3	0

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55	Strong quantum memory at resonant Fermi edges revealed by shot noise. Scientific Reports, 2012, 2, 374.	1.6	24
56	Magnetoresistance of single-layer graphene under the conditions of short-range potential scattering. JETP Letters, 2012, 96, 471-474.	0.4	7
57	Charge transport in one-dimensional chains of nanoparticles. Physica Status Solidi - Rapid Research Letters, 2012, 6, 16-18.	1.2	3
58	Aharonov-Bohm effect in an electron-hole graphene ring system. Applied Physics Letters, 2012, 100, .	1.5	41
59	Measurement of finite-frequency current statistics in a single-electron transistor. Nature Communications, 2012, 3, 612.	5.8	132
60	Spin Droplet Formation in Quantum Dots. , 2011, , .		0
61	Transport through a quantum dot analyzed by electron counting. AIP Conference Proceedings, 2011, , .	0.3	0
62	Transport Measurements on Twisted Graphene Monolayers. AIP Conference Proceedings, 2011, , .	0.3	0
63	Current fluctuations in chain of nanoparticles. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 4041-4044.	0.9	2
64	Terahertz photoresponse dependence on magnetic and electric fields in graphene-based devices. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 1208-1210.	0.8	2
65	Transport in nanoparticle chains influenced by reordering. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 2079-2081.	0.9	1
66	Low-temperature hysteresis in the field effect of bilayer graphene. New Journal of Physics, 2011, 13, 043020.	1.2	5
67	Magnetoresistance in a high-mobility two-dimensional electron gas. Physical Review B, 2011, 83, .	1.1	77
68	Tunable nonlocal coupling between Kondo impurities. Physical Review B, 2011, 83, .	1.1	6
69	Quantized current source with mesoscopic feedback. Physical Review B, 2011, 83, .	1.1	19
70	Observation of sequential spin flips in quantum rings. Physical Review B, 2011, 84, .	1.1	5
71	Magneto-photoluminescence spectroscopy of single InAs/AlAs quantum dots. Journal of Physics: Conference Series, 2010, 210, 012011.	0.3	1
72	Piezoelectric Screening in Single InAs/AlAs Quantum Dots. , 2010, , .		0

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73	Charge transport through chains of nanoparticles. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 2830-2833.	1.3	1
74	High cumulants in the counting statistics measured for a quantum dot. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 848-851.	1.3	26
75	Local gating of decoupled graphene monolayers. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 695-698.	1.3	3
76	Triple quantum dots: Two path transport and electrostatic stability diagram. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 902-905.	1.3	1
77	Temperature dependent measurements on two decoupled graphene monolayers. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 699-702.	1.3	6
78	Charge transport through a single particle located in between nanogap electrodes. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 3328-3331.	0.9	3
79	Interaction-Induced Spin Polarization in Quantum Dots. Physical Review Letters, 2010, 105, 046802.	2.9	27
80	Mobilities and scattering times in decoupled graphene monolayers. Physical Review B, 2010, 81, .	1.1	39
81	High-order cumulants in the counting statistics of asymmetric quantum dots. Applied Physics Letters, 2010, 96, .	1.5	36
82	Quantum confinement effects in Si/Ge heterostructures with spatially ordered arrays of self-assembled quantum dots. Applied Physics Letters, 2010, 96, .	1.5	7
83	Charge-spin excitations of the Ising-type fractional quantum Hall ferromagnets. Physical Review B, 2009, 80, .	1.1	3
84	Universal oscillations in counting statistics. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10116-10119.	3.3	209
85	Universal oscillations of high-order cumulants. , 2009, , .		0
86	The three dimensionality of triple quantum dot stability diagrams. New Journal of Physics, 2009, 11, 113037.	1.2	35
87	Noise characterization of a single parameter quantized charge pump. , 2009, , .		1
88	Mesoporous GaAs double layers for layer transfer processes. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 2872-2875.	0.8	1
89	Selective Edge Excitation $\hat{\epsilon}$ Inter-Edge Magnetoplasmon Mode and Inter-Edge Spin Diode. , 2008, , 155-167.		0
90	Coulomb-mediated electron bunching in tunneling through coupled quantum dots. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 166-169.	0.8	2

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91	Dynamics of electronic transport in the integer quantum Hall regime. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 309-320.	0.7	0
92	Phonon and transport measurements in the fractional quantum Hall effect. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 409-420.	0.7	2
93	Preface: <i>phys. stat. sol. (b) 245/2</i> . <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 237-238.	0.7	1
94	Coulomb-coupled concentric quantum rings. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 1246-1248.	1.3	2
95	A comparison: 2D electron- and hole systems in the fractional quantum Hall regime. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 1258-1260.	1.3	0
96	Fine structure in magnetospectrum of vertical quantum dot. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 1630-1632.	1.3	0
97	Star shaped triple quantum dot with charge detection. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 1656-1658.	1.3	3
98	Bimodal statistic on a single dot device. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 1055-1058.	1.3	0
99	Resonant optical excitation and intermixing in InAs/AlAs single quantum dots. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 2172-2175.	1.3	0
100	Admittance of a quantum point contact. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 1760-1762.	1.3	11
101	Shot noise and electron counting measurements on coupled quantum dot systems. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 454204.	0.7	1
102	Spin and edge channel dependent transport through quantum dots. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 454206.	0.7	0
103	Tunable graphene system with two decoupled monolayers. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	98
104	Resonant optical excitation of longitudinal-optical phonons and intermixing in InAs/AlAs single quantum dots. <i>Applied Physics Letters</i> , 2008, 92, 181909.	1.5	8
105	Quantum dots formed in a GaAs/AlGaAs quantum ring. <i>Applied Physics Letters</i> , 2008, 92, .	1.5	14
106	Two-path transport measurements on a triple quantum dot. <i>Physical Review B</i> , 2008, 77, .	1.1	95
107	Noninvasive detection of molecular bonds in quantum dots. <i>Physical Review B</i> , 2008, 78, .	1.1	15
108	Piezoelectric exciton acoustic-phonon coupling in single quantum dots. <i>Physical Review B</i> , 2008, 78, .	1.1	10

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109	Noise measurement of a quantized charge pump. Applied Physics Letters, 2008, 92, 082112.	1.5	42
110	Enhanced and Suppressed Shot Noise in Quantum Dot Systems. AIP Conference Proceedings, 2007, , .	0.3	0
111	Single electron counting statistics for atto-Ampere currents through a semiconductor quantum dot. AIP Conference Proceedings, 2007, , .	0.3	0
112	Bimodal counting statistics in single-electron tunneling through a quantum dot. Physical Review B, 2007, 76, .	1.1	70
113	Noise at a Fermi-edge singularity in self-assembled InAs quantum dots. Physical Review B, 2007, 75, .	1.1	19
114	Measurement of the specific heat of a fractional quantum Hall system. Physical Review B, 2007, 76, .	1.1	8
115	Noise Enhancement due to Quantum Coherence in Coupled Quantum Dots. Physical Review Letters, 2007, 99, 206602.	2.9	108
116	Super-Poissonian Shot Noise in Tunneling through Coupled Self-Assembled InAs Quantum Dots. AIP Conference Proceedings, 2007, , .	0.3	0
117	Noninvasive detection of charge rearrangement in a quantum dot. AIP Conference Proceedings, 2007, , .	0.3	0
118	Coupling in concentric double quantum rings. Applied Physics Letters, 2007, 91, 133116.	1.5	32
119	Zeeman Splitting of Zero-Dimensional Heavy-Hole States in a Strongly Strained Ge Quantum Well. AIP Conference Proceedings, 2007, , .	0.3	0
120	Probing spin configurations in quantum dots. AIP Conference Proceedings, 2007, , .	0.3	0
121	Effect of Disorder on Spin and Charge Excitations in the Fractional Quantum Hall Effect. Acta Physica Polonica A, 2007, 112, 249-254.	0.2	0
122	Nanoscale lines of supported nanogold particles and lysozymeâ€™nanogold conjugates generated by atomic force microscopy in aqueous solution. Surface and Interface Analysis, 2006, 38, 1004-1009.	0.8	3
123	Enhanced shot noise in tunneling through coupled self-assembled InAs quantum dots. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 3786-3789.	0.8	3
124	Spin effects in quantum dots. Physica Status Solidi (B): Basic Research, 2006, 243, 3678-3681.	0.7	2
125	Spin blockade in lateral quantum dots â€™ Negative differential conductance and spin spectroscopy. Physica Status Solidi (B): Basic Research, 2006, 243, 3864-3868.	0.7	0
126	Metalâ€™insulator-transition studied by single-electron tunneling. Physica E: Low-Dimensional Systems and Nanostructures, 2006, 32, 215-217.	1.3	0

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127	Spin and negative differential conductance in the transport through a quantum dot in a magnetic field. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2006, 32, 442-445.	1.3	1
128	Fine structure splitting and biexciton binding energy in single self-assembled InAs/AlAs quantum dots. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2006, 32, 111-114.	1.3	4
129	Influence of spin on the activation energies at. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2006, 34, 108-111.	1.3	3
130	Tuning of tunneling rates in quantum dots using a quantum point contact. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2006, 34, 500-503.	1.3	1
131	Dynamics of nuclear spins appearing in transport measurements of an inter-edge spin diode in tilted magnetic fields. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2006, 34, 355-358.	1.3	2
132	Transport spectroscopy of a quantum point contact created by an atomic force microscope. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2006, 34, 519-521.	1.3	3
133	Shot noise measurements of InAs quantum dots at a Fermi edge singularity. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2006, 34, 508-510.	1.3	3
134	Negative conductance patterns of quantum dots: experiment and theory. <i>New Journal of Physics</i> , 2006, 8, 298-298.	1.2	13
135	Multiple Transitions of the Spin Configuration in Quantum Dots. <i>Physical Review Letters</i> , 2006, 97, 176801.	2.9	13
136	Probing a Kondo-Correlated Quantum Dot with Spin Spectroscopy. <i>Physical Review Letters</i> , 2006, 96, 046802.	2.9	10
137	Giant Anisotropy of Zeeman Splitting of Quantum Confined Acceptors in Si/Ge. <i>Physical Review Letters</i> , 2006, 96, 086403.	2.9	18
138	Signatures of spin in the $\nu = 1/2$ fractional quantum Hall effect. <i>Physical Review B</i> , 2006, 74, .	1.1	19
139	Enhanced Shot Noise in Tunneling through a Stack of Coupled Quantum Dots. <i>Physical Review Letters</i> , 2006, 96, 246804.	2.9	45
140	Transport gap in $\nu = 1/2$ quantum Hall system: A probe for skyrmions. <i>Physical Review B</i> , 2006, 74, .	1.1	16
141	Tunneling resonances in quantum dots: Coulomb interaction modifies the width. <i>Physical Review B</i> , 2006, 73, .	1.1	18
142	Exciton fine structure and biexciton binding energy in single self-assembled InAs/AlAs quantum dots. <i>Journal of Applied Physics</i> , 2006, 100, 023109.	1.1	24
143	Fermi-edge singularities in transport through quantum dots. <i>Physical Review B</i> , 2006, 74, .	1.1	23
144	Characterization of deformed quantum dots by modeling single-electron-tunneling experiments. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2005, 26, 477-481.	1.3	1

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145	Magnetization of modulation doped Si/SiGe quantum wells in high magnetic fields. AIP Conference Proceedings, 2005, , .	0.3	0
146	Relative Specific Heat at $\nu = 1/2$ Measured in a Phonon Absorption Experiment. AIP Conference Proceedings, 2005, , .	0.3	1
147	Direct Measurement of the g-Factor of Composite Fermions. AIP Conference Proceedings, 2005, , .	0.3	1
148	Polaronic effects in optical transitions of single InAs/AlAs quantum dots. AIP Conference Proceedings, 2005, , .	0.3	0
149	Shot noise in tunneling through a single InAs quantum dot. AIP Conference Proceedings, 2005, , .	0.3	0
150	Level anticrossings in quantum dots. AIP Conference Proceedings, 2005, , .	0.3	0
151	Enhanced Localization in Landau-Quantized Systems Induced by Very Low Frequencies. AIP Conference Proceedings, 2005, , .	0.3	0
152	Observation of Two Modes of Edge Magnetoplasmons by Selective Edge Channel Detection. AIP Conference Proceedings, 2005, , .	0.3	1
153	Anisotropy of Zeeman-splitting in quantum dots. AIP Conference Proceedings, 2005, , .	0.3	0
154	Noninvasive detection of charge rearrangement in a quantum dot in high magnetic fields. Physical Review B, 2005, 72, .	1.1	9
155	Coupling symmetry of quantum dot states. Physical Review B, 2005, 72, .	1.1	17
156	Nonequilibrium localization in quantum Hall systems at very low frequencies. Physical Review B, 2005, 71, .	1.1	9
157	Direct measurements of the spin and valley splittings in the magnetization of aSi $\hat{\wedge}$ SiGe quantum well in tilted magnetic fields. Physical Review B, 2005, 72, .	1.1	35
158	Spin Noise Spectroscopy in GaAs. Physical Review Letters, 2005, 95, 216603.	2.9	159
159	Spin-Orbit Coupling and Anisotropy of Spin Splitting in Quantum Dots. Physical Review Letters, 2005, 94, 226404.	2.9	57
160	Phonons inInAs $\hat{\wedge}$ AlAsingle quantum dots observed by optical emission. Physical Review B, 2005, 71, .	1.1	24
161	Phonon Excitations of Composite-Fermion Landau Levels. Physical Review Letters, 2004, 93, 026801.	2.9	3
162	Direct Measurement of thegFactor of Composite Fermions. Physical Review Letters, 2004, 92, 156401.	2.9	19

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163	Observation of an Interedge Magnetoplasmon Mode in a Degenerate Two-Dimensional Electron Gas. <i>Physical Review Letters</i> , 2004, 93, 196801.	2.9	39
164	Shot noise in resonant tunneling through a zero-dimensional state with a complex energy spectrum. <i>Physical Review B</i> , 2004, 69, .	1.1	14
165	Spin blockade in capacitively coupled quantum dots. <i>Applied Physics Letters</i> , 2004, 85, 606-608.	1.5	18
166	TUNNELING BETWEEN SPIN POLARIZED EDGE STATES STUDIED AT HIGH MAGNETIC FIELDS. <i>International Journal of Modern Physics B</i> , 2004, 18, 3649-3652.	1.0	3
167	PHONON EXCITATIONS OF COMPOSITE FERMION LANDAU LEVELS. <i>International Journal of Modern Physics B</i> , 2004, 18, 3857-3864.	1.0	1
168	Nonlinear transport in p-type SiGe quantum well structure containing Ge quantum dots. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004, 21, 487-490.	1.3	0
169	Fabrication of double quantum dots by combining afm and e-beam lithography. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004, 21, 483-486.	1.3	4
170	Coupling between edge states studied by time-resolved transport experiments. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004, 22, 189-192.	1.3	4
171	High frequency conductance of a quantum point contact. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004, 22, 272-275.	1.3	10
172	Spin-resolved single-electron-tunneling and local density of states fluctuations in high magnetic fields. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004, 22, 434-437.	1.3	4
173	Shot noise in tunneling through a single quantum dot. <i>Physical Review B</i> , 2004, 70, .	1.1	37
174	Impurity effects in quantum dots: Toward quantitative modeling. <i>Physical Review B</i> , 2004, 70, .	1.1	107
175	A generalized treatment of the dynamical scaling of the quantum Hall plateau transition. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2003, 16, 10-16.	1.3	6
176	Photoluminescence of self-assembled InAs/AlAs quantum dots as a function of density. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2003, 17, 117-119.	1.3	5
177	Aharonov-Bohm effect of a quantum ring in the Kondo regime. <i>Physica Status Solidi (B): Basic Research</i> , 2003, 238, 331-334.	0.7	1
178	Shot noise in tunneling through a quantum dot array. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2003, 0, 1293-1296.	0.8	15
179	Fano resonances in semiconductor quantum dots. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2003, 0, 1305-1308.	0.8	3
180	Kinetically limited quantum dot formation on AlAs(100) surfaces. <i>Journal of Crystal Growth</i> , 2003, 249, 477-482.	0.7	23

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181	Combined atomic force microscope and electron-beam lithography used for the fabrication of variable-coupling quantum dots. Applied Physics Letters, 2003, 83, 1163-1165.	1.5	15
182	Tuning the onset voltage of resonant tunneling through InAs quantum dots by growth parameters. Applied Physics Letters, 2003, 82, 1209-1211.	1.5	14
183	Kondo Effect in a Few-Electron Quantum Ring. Physical Review Letters, 2003, 90, 196601.	2.9	130
184	Dynamical Scaling of the Quantum Hall Plateau Transition. Physical Review Letters, 2002, 89, 276801.	2.9	35
185	Fabrication of quantum point contacts by engraving GaAs/AlGaAs heterostructures with a diamond tip. Applied Physics Letters, 2002, 81, 2023-2025.	1.5	24
186	Flux-quantum-modulated Kondo conductance in a multielectron quantum dot. Physical Review B, 2002, 66, .	1.1	22
187	Shot noise in self-assembled InAs quantum dots. Physical Review B, 2002, 66, .	1.1	40
188	Hopping Conductivity in the Quantum Hall Effect: Revival of Universal Scaling. Physical Review Letters, 2002, 88, 036802.	2.9	70
189	Conductance fluctuations at the quantum Hall plateau transition. Physical Review B, 2002, 66, .	1.1	16
190	Aharonov-Bohm oscillations of a tuneable quantum ring. Semiconductor Science and Technology, 2002, 17, L22-L24.	1.0	82
191	Diamond cantilever with integrated tip for nanomachining. Diamond and Related Materials, 2002, 11, 667-671.	1.8	20
192	Control of the magnetic domain wall propagation in Pt/Co/Pt ultra thin films using direct mechanical AFM lithography. Journal of Magnetism and Magnetic Materials, 2002, 240, 53-56.	1.0	10
193	Measurements of the compressibility of the composite fermion metallic state in a 2D electron system. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 12, 97-100.	1.3	4
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195	Mapping the g factor anisotropy of InAs self-assembled quantum dots. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 12, 802-805.	1.3	21
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