

Uli Zeitler

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.

184
papers

11,456
citations

40
h-index

106
g-index

194
ext. papers

12,830
ext. citations

5
avg, IF

5.68
L-index

#	Paper	IF	Citations
184	Electrical switching of antiferromagnetic CoO Pt across the Néel temperature. <i>Applied Physics Letters</i> , 2022 , 120, 122405	3.4	0
183	Synthesis and Magnetic Properties of Two-Step-Coordination Schiff Base Clusters. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 2611-2617	2.3	0
182	Electrical and optical properties of transition metal dichalcogenides on talc dielectrics. <i>Nanoscale</i> , 2021 , 13, 15853-15858	7.7	2
181	Suppression of martensitic transformation in Ni-Mn-In metamagnetic shape memory alloy under very strong magnetic field. <i>Journal of Alloys and Compounds</i> , 2021 , 874, 159814	5.7	1
180	Quantum oscillations in an optically-illuminated two-dimensional electron system at the LaAlO ₃ /SrTiO ₃ interface. <i>Journal of Physics Condensed Matter</i> , 2021 , 33,	1.8	2
179	Tuning Rashba spin-orbit coupling at LaAlO ₃ /SrTiO ₃ interfaces by band filling. <i>Physical Review B</i> , 2020 , 101,	3.3	3
178	Spin flop and crystalline anisotropic magnetoresistance in CuMnAs. <i>Physical Review B</i> , 2020 , 101,	3.3	15
177	High-field thermal transport properties of the Kitaev quantum magnet RuCl ₃ : Evidence for low-energy excitations beyond the critical field. <i>Physical Review B</i> , 2020 , 102,	3.3	5
176	Electronic g factor and magnetotransport in InSb quantum wells. <i>Physical Review Research</i> , 2020 , 2,	3.9	2
175	Fractional quantum Hall effect in CVD-grown graphene. <i>2D Materials</i> , 2020 , 7, 041007	5.9	6
174	Electron Trapping Mechanism in LaAlO ₃ /SrTiO ₃ Heterostructures. <i>Physical Review Letters</i> , 2020 , 124, 017702	7.4	17
173	Field-induced insulating states in a graphene superlattice. <i>Physical Review B</i> , 2019 , 99,	3.3	2
172	Extremely high conductivity observed in the triple point topological metal MoP. <i>Nature Communications</i> , 2019 , 10, 2475	17.4	28
171	Band inversion driven by electronic correlations at the (111) LaAlO ₃ /SrTiO ₃ interface. <i>Physical Review B</i> , 2019 , 99,	3.3	9
170	Symmetry and Correlation Effects on Band Structure Explain the Anomalous Transport Properties of (111) LaAlO ₃ /SrTiO ₃ . <i>Physical Review Letters</i> , 2019 , 123, 036805	7.4	5
169	Spin excitations of magnetoelectric LiNiPO ₄ in multiple magnetic phases. <i>Physical Review B</i> , 2019 , 100,	3.3	8
168	Three-Dimensional Superconducting Nanohelices Grown by He-Focused-Ion-Beam Direct Writing. <i>Nano Letters</i> , 2019 , 19, 8597-8604	11.5	28

167	High-order fractal states in graphene superlattices. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 5135-5139	11.5	37
166	Full superconducting dome of strong Ising protection in gated monolayer WS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 3551-3556	11.5	70
165	Anomalous Hall effect in Weyl semimetal half-Heusler compounds RPtBi (R = Gd and Nd). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 9140-9144	11.5	61
164	Unusual thermoelectric properties of BaFe ₂ As ₂ in high magnetic fields. <i>Physical Review B</i> , 2018 , 98,	3.3	5
163	Composite fermion liquid to Wigner solid transition in the lowest Landau level of zinc oxide. <i>Nature Communications</i> , 2018 , 9, 4356	17.4	4
162	Electron-hole asymmetry of the topological surface states in strained HgTe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 3381-3386	11.5	10
161	Insights on the origin of the TbGe magnetocaloric effect. <i>Physica B: Condensed Matter</i> , 2017 , 513, 72-76	2.8	
160	Competing exchange interactions in multiferroic and ferrimagnetic CaBaCo ₄ O ₇ . <i>Physical Review B</i> , 2017 , 95,	3.3	9
159	A low-temperature scanning tunneling microscope capable of microscopy and spectroscopy in a Bitter magnet at up to 34 T. <i>Review of Scientific Instruments</i> , 2017 , 88, 093706	1.7	12
158	Quantum oscillations in the SmFeAsO parent compound and superconducting SmFeAs(O,F). <i>Physical Review B</i> , 2017 , 96,	3.3	5
157	Magnetic structure of the magnetoelectric material Ca ₂ CoSi ₂ O ₇ . <i>Physical Review B</i> , 2017 , 95,	3.3	1
156	Extremely high magnetoresistance and conductivity in the type-II Weyl semimetals WP and MoP. <i>Nature Communications</i> , 2017 , 8, 1642	17.4	111
155	Bulk and in-gap states in SmB ₆ revealed by high-field magnetotransport. <i>Physical Review B</i> , 2017 , 96,	3.3	8
154	Ambipolar quantum transport in few-layer black phosphorus. <i>Physical Review B</i> , 2017 , 96,	3.3	17
153	High electron mobility, quantum Hall effect and anomalous optical response in atomically thin InSe. <i>Nature Nanotechnology</i> , 2017 , 12, 223-227	28.7	723
152	Metastability Phenomena in VO ₂ Thin Films. <i>Condensed Matter</i> , 2017 , 2, 10	1.8	14
151	Magnetoelectric effect and magnetic phase diagram of a polar ferrimagnet CaBaFe ₄ O ₇ . <i>Physical Review B</i> , 2016 , 93,	3.3	6
150	High-temperature quantum Hall effect in finite gapped HgTe quantum wells. <i>Physical Review B</i> , 2016 , 93,	3.3	12

149	Observation of pseudo-two-dimensional electron transport in the rock salt-type topological semimetal LaBi. <i>Physical Review B</i> , 2016 , 93,	3.3	69
148	Quantum oscillations of the topological surface states in low carrier concentration crystals of Bi ₂ Sb _x Te _{3-3x} Se _y . <i>Solid State Communications</i> , 2016 , 227, 13-18	1.6	5
147	Linear Magnetoresistance in a Quasifree Two-Dimensional Electron Gas in an Ultrahigh Mobility GaAs Quantum Well. <i>Physical Review Letters</i> , 2016 , 117, 256601	7.4	32
146	Tuning the valley and chiral quantum state of Dirac electrons in van der Waals heterostructures. <i>Science</i> , 2016 , 353, 575-9	33.3	63
145	Magnetotransport in single-layer graphene in a large parallel magnetic field. <i>Physical Review B</i> , 2016 , 94,	3.3	6
144	Extremely large magnetoresistance and ultrahigh mobility in the topological Weyl semimetal candidate NbP. <i>Nature Physics</i> , 2015 , 11, 645-649	16.2	686
143	Design of compensated ferrimagnetic Heusler alloys for giant tunable exchange bias. <i>Nature Materials</i> , 2015 , 14, 679-84	27	196
142	Lifting of the Landau level degeneracy in graphene devices in a tilted magnetic field. <i>Physical Review B</i> , 2015 , 92,	3.3	13
141	Vortex Dynamics and Irreversibility Line in FeSe _{0.25} Te _{0.75} . <i>Physics Procedia</i> , 2015 , 67, 890-895		6
140	Temperature-driven transition from a semiconductor to a topological insulator. <i>Physical Review B</i> , 2015 , 91,	3.3	25
139	Evidence for two-dimensional Ising superconductivity in gated MoS ₂ . <i>Science</i> , 2015 , 350, 1353-7	33.3	421
138	Transport and thermoelectric properties of the LaAlO ₃ /SrTiO ₃ interface. <i>Physical Review B</i> , 2015 , 91,	3.3	7
137	Evolution of two-dimensional antiferromagnetism with temperature and magnetic field in multiferroic Ba ₂ CoGe ₂ O ₇ . <i>Physical Review B</i> , 2014 , 89,	3.3	13
136	Magneto-Elastic Effects in Tb ₃ Ga ₅ O ₁₂ . <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 044603	1.5	5
135	High field vortex phase diagram of Fe(Se, Te) thin films. <i>Superconductor Science and Technology</i> , 2014 , 27, 044007	3.1	29
134	Systematic study of doping dependence on linear magnetoresistance in p-PbTe. <i>Applied Physics Letters</i> , 2014 , 105, 162108	3.4	5
133	Quantum oscillations and subband properties of the two-dimensional electron gas at the LaAlO ₃ /SrTiO ₃ interface. <i>APL Materials</i> , 2014 , 2, 022102	5.7	46
132	Magneto-Seebeck effect in RFeAsO (R=rare earth) compounds: Probing the magnon drag scenario. <i>Physical Review B</i> , 2014 , 90,	3.3	9

131	Magnetic anisotropy of thin sputtered MgB2 films on MgO substrates in high magnetic fields. <i>AIP Advances</i> , 2014 , 4, 037115	1.5	
130	Graphene in high magnetic fields. <i>Comptes Rendus Physique</i> , 2013 , 14, 78-93	1.4	15
129	Multi-band conduction behaviour at the interface of LaAlO ₃ /SrTiO ₃ heterostructures. <i>Journal of the Korean Physical Society</i> , 2013 , 63, 437-440	0.6	2
128	Magnetothermoelectric properties of Bi ₂ Se ₃ . <i>Physical Review B</i> , 2013 , 87,	3.3	42
127	Interaction phenomena in graphene seen through quantum capacitance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 3282-6	11.5	197
126	Valley-polarized massive charge carriers in gapped graphene. <i>Physical Review B</i> , 2013 , 87,	3.3	6
125	Optically excited multi-band conduction in LaAlO ₃ /SrTiO ₃ heterostructures. <i>Applied Physics Letters</i> , 2013 , 102, 051604	3.4	25
124	Quantized coexisting electrons and holes in graphene measured using temperature-dependent magnetotransport. <i>Physical Review B</i> , 2013 , 87,	3.3	6
123	Fine structure of the lowest Landau level in suspended trilayer graphene. <i>Physical Review B</i> , 2013 , 88,	3.3	11
122	Quantum Hall transport as a probe of capacitance profile at graphene edges. <i>Applied Physics Letters</i> , 2013 , 102, 013106	3.4	17
121	Thermally excited multiband conduction in LaAlO ₃ /SrTiO ₃ heterostructures exhibiting magnetic scattering. <i>Physical Review B</i> , 2013 , 88,	3.3	19
120	Josephson supercurrent through a topological insulator surface state. <i>Nature Materials</i> , 2012 , 11, 417-217	1.7	241
119	Transport gap in suspended bilayer graphene at zero magnetic field. <i>Physical Review B</i> , 2012 , 85,	3.3	45
118	Probing the surface states in Bi ₂ Se ₃ using the Shubnikov-de Haas effect. <i>Physical Review B</i> , 2012 , 86,	3.3	43
117	Field-induced quantum Hall ferromagnetism in suspended bilayer graphene. <i>Physical Review B</i> , 2012 , 85,	3.3	24
116	High sensitivity magnetometer for measuring the isotropic and anisotropic magnetisation of small samples. <i>Review of Scientific Instruments</i> , 2011 , 82, 053909	1.7	12
115	Shifted loops and coercivity from field-imprinted high-energy barriers in ferritin and ferrihydrite nanoparticles. <i>Physical Review B</i> , 2011 , 84,	3.3	24
114	Unveiling the (De)coupling of magnetostructural transition nature in magnetocaloric R ₅ Si ₂ Ge ₂ (R = Tb, Gd) materials. <i>Applied Physics Letters</i> , 2011 , 99, 132510	3.4	13

113	Coexistence of electron and hole transport in graphene. <i>Physical Review B</i> , 2011 , 84,	3.3	21
112	Magneto-transport in the zero-energy Landau level of single-layer and bilayer graphene. <i>Journal of Physics: Conference Series</i> , 2011 , 334, 012035	0.3	3
111	Phase-fluctuating superconductivity in overdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Nature Physics</i> , 2011 , 7, 455-458	16.2	46
110	Spin splitting in graphene studied by means of tilted magnetic-field experiments. <i>Physical Review B</i> , 2011 , 84,	3.3	47
109	Thermoinduced magnetic moment in akaganite nanoparticles. <i>Physical Review B</i> , 2011 , 83,	3.3	15
108	Generation of energy selective excitations in quantum Hall edge states. <i>Semiconductor Science and Technology</i> , 2011 , 26, 055010	1.8	52
107	Correlation-induced single-flux-quantum penetration in quantum rings. <i>Nature Physics</i> , 2010 , 6, 173-177	16.2	22
106	Double magnetic phase transition in $\text{ND}_4\text{Fe}(\text{DPO}_4)_2$ and $\text{NH}_4\text{Fe}(\text{HPO}_4)_2$. <i>Physical Review B</i> , 2010 , 82,	3.3	9
105	Antiferromagnetic interactions in a distorted cubane-type tetranuclear manganese cluster. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 022022	0.3	1
104	Capacitance-voltage spectroscopy on InAs quantum dot valence band states in tilted magnetic fields. <i>Journal of Physics: Conference Series</i> , 2010 , 245, 012043	0.3	2
103	The High Field Magnet Laboratory at Radboud University Nijmegen. <i>Journal of Low Temperature Physics</i> , 2010 , 159, 389-393	1.3	12
102	High-Field Electronic Properties of Graphene. <i>Journal of Low Temperature Physics</i> , 2010 , 159, 238-244	1.3	4
101	Real-time martensitic transformation kinetics in maraging steel under high magnetic fields. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010 , 527, 5241-5245	5.3	39
100	Quantum Hall activation gaps in bilayer graphene. <i>Solid State Communications</i> , 2010 , 150, 2209-2211	1.6	10
99	From one electron to one hole: quasiparticle counting in graphene quantum dots determined by electrochemical and plasma etching. <i>Small</i> , 2010 , 6, 1469-73	11	88
98	Temperature dependence of antiferromagnetic susceptibility in ferritin. <i>Physical Review B</i> , 2009 , 79,	3.3	38
97	High-field Hall effect and magnetoresistance in Fe_3O_4 epitaxial thin films up to 30 Tesla. <i>Applied Physics Letters</i> , 2009 , 95, 262108	3.4	21
96	Gap opening in the zeroth Landau level of graphene. <i>Physical Review B</i> , 2009 , 80,	3.3	111

95	Scaling of the quantum Hall plateau-plateau transition in graphene. <i>Physical Review B</i> , 2009 , 80,	3.3	49
94	Ligand-controlled magnetic interactions in Mn(4) clusters. <i>Inorganic Chemistry</i> , 2009 , 48, 11903-8	5.1	24
93	Tuning of the size of Dy ₂ O ₃ nanoparticles for optimal performance as an MRI contrast agent. <i>Journal of the American Chemical Society</i> , 2008 , 130, 5335-40	16.4	98
92	Quantum resistance metrology in graphene. <i>Applied Physics Letters</i> , 2008 , 93, 222109	3.4	60
91	Phonon and transport measurements in the fractional quantum Hall effect. <i>Physica Status Solidi (B): Basic Research</i> , 2008 , 245, 409-420	1.3	2
90	Temperature dependence of the quantum Hall effect in graphene. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008 , 40, 1089-1091	3	4
89	Aharonov-Bohm effect of quantum Hall edge channels. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008 , 40, 1470-1472	3	1
88	Nanolithography and manipulation of graphene using an atomic force microscope. <i>Solid State Communications</i> , 2008 , 147, 366-369	1.6	128
87	Magnetization of Re-based double perovskites: Noninteger saturation magnetization disclosed. <i>Applied Physics Letters</i> , 2007 , 90, 252514	3.4	30
86	Temperature dependence of magnetization under high fields in Re-based double perovskites. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 506206	1.8	15
85	Hole levels in InAs self-assembled quantum dots. <i>Physical Review B</i> , 2007 , 75,	3.3	16
84	Dissipative quantum hall effect in graphene near the Dirac point. <i>Physical Review Letters</i> , 2007 , 98, 196804	3.4	224
83	AHARONOV-BOHM EFFECT IN THE QUANTUM HALL REGIME. <i>International Journal of Modern Physics B</i> , 2007 , 21, 1404-1408	1.1	2
82	Room-temperature quantum Hall effect in graphene. <i>Science</i> , 2007 , 315, 1379	33.3	2342
81	The High Magnetic Field Facilities at Nijmegen: Recent Results. <i>International Journal of Modern Physics B</i> , 2007 , 21, 1131-1132	1.1	1
80	CYCLOTRON RESONANCE IN COUPLED BILAYERS IN HIGH MAGNETIC FIELDS. <i>International Journal of Modern Physics B</i> , 2007 , 21, 1589-1593	1.1	
79	Experimental imaging and atomistic modeling of electron and hole quasiparticle wave functions in InAs/GaAs quantum dots. <i>Physical Review B</i> , 2007 , 76,	3.3	40
78	Quantum-Hall activation gaps in graphene. <i>Physical Review Letters</i> , 2007 , 99, 206803	7.4	97

77	Measurement of the specific heat of a fractional quantum Hall system. <i>Physical Review B</i> , 2007 , 76,	3.3	7
76	Oscillatory persistent currents in self-assembled quantum rings. <i>Physical Review Letters</i> , 2007 , 99, 146808	7.4	175
75	Magnetic effects at the interface between non-magnetic oxides. <i>Nature Materials</i> , 2007 , 6, 493-6	27	1328
74	Magnetization of bilayer two-dimensional electron systems. <i>New Journal of Physics</i> , 2006 , 8, 315-315	2.9	3
73	The Pulsed-Field Facility at HFML, Commissioning and First Results. <i>IEEE Transactions on Applied Superconductivity</i> , 2006 , 16, 1664-1667	1.8	2
72	Hole and electron wave functions in self-assembled InAs quantum dots: a comparison. <i>Physica Status Solidi (B): Basic Research</i> , 2006 , 243, 3942-3945	1.3	1
71	Unconventional quantum Hall effect and Berry's phase of 2D bilayer graphene. <i>Nature Physics</i> , 2006 , 2, 177-180	16.2	1621
70	Mapping of the hole wave functions of self-assembled InAs-quantum dots by magneto-capacitance-voltage spectroscopy. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2006 , 32, 159-162	3	9
69	Correlated electron states at level crossings of bilayer two-dimensional electron systems in tilted magnetic fields. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2006 , 34, 179-182	3	1
68	Interaction effects observed in the magnetization of a bilayer two-dimensional electron system. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2006 , 34, 191-194	3	3
67	Magnetic field dependence of hole levels in InAs quantum dots. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2005 , 26, 446-449	3	6
66	Coulomb-interaction-induced incomplete shell filling in the hole system of InAs quantum dots. <i>Physical Review Letters</i> , 2005 , 94, 026808	7.4	53
65	Direct measurements of the spin and valley splittings in the magnetization of a SiBiGe quantum well in tilted magnetic fields. <i>Physical Review B</i> , 2005 , 72,	3.3	35
64	Phonon excitations of composite-fermion Landau levels. <i>Physical Review Letters</i> , 2004 , 93, 026801	7.4	3
63	MAGNETIZATION OF A BILAYER 2D ELECTRON GAS. <i>International Journal of Modern Physics B</i> , 2004 , 18, 3665-3670	1.1	3
62	DESTRUCTION OF CORRELATED BILAYER STATES SUBJECTED TO TILTED MAGNETIC FIELDS. <i>International Journal of Modern Physics B</i> , 2004 , 18, 3693-3698	1.1	6
61	MAGNETIC FIELD ENHANCED BACKSCATTERING OF FOCUSED ELECTRONS IN MESOSCOPIC METALLIC BRIDGES. <i>International Journal of Modern Physics B</i> , 2004 , 18, 3613-3616	1.1	
60	PHONON EXCITATIONS OF COMPOSITE FERMION LANDAU LEVELS. <i>International Journal of Modern Physics B</i> , 2004 , 18, 3857-3864	1.1	1

59	Magnetization of multi-component two-dimensional quantum-Hall systems. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004 , 22, 86-89	3	2
58	The new installation at the Nijmegen High Field Magnet Laboratory. <i>Physica B: Condensed Matter</i> , 2004 , 346-347, 659-662	2.8	4
57	Research in High Magnetic Fields: The Installation at the University of Nijmegen. <i>Journal of Low Temperature Physics</i> , 2003 , 133, 181-201	1.3	18
56	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	3	5
55	Magnetization of a two-dimensional electron gas with a second filled subband. <i>Physical Review B</i> , 2003 , 68,	3.3	15
54	Tuning the onset voltage of resonant tunneling through InAs quantum dots by growth parameters. <i>Applied Physics Letters</i> , 2003 , 82, 1209-1211	3.4	12
53	Phonon excitation of a two-dimensional electron system around $\nu=1$. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002 , 12, 474-477	3	3
52	Mapping the g factor anisotropy of InAs self-assembled quantum dots. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002 , 12, 802-805	3	17
51	Variable-range hopping in the quantum Hall regime. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002 , 12, 670-673	3	1
50	Shot noise in tunneling through single localized states. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002 , 12, 865-867	3	3
49	Magnetoresistance of a modulated two-dimensional electron gas in a parallel magnetic field. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002 , 13, 732-735	3	1
48	Influence of the size of self-assembled InAs/AlAs quantum dots on photoluminescence and resonant tunneling. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002 , 13, 761-764	3	10
47	Direct fabrication of parallel quantum dots with an atomic force microscope. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002 , 13, 1155-1158	3	7
46	Steps on current-voltage characteristics of a silicon quantum dot covered by natural oxide. <i>JETP Letters</i> , 2002 , 76, 568-571	1.2	
45	Dynamical scaling of the quantum Hall plateau transition. <i>Physical Review Letters</i> , 2002 , 89, 276801	7.4	31
44	Fabrication of quantum point contacts by engraving GaAs/AlGaAs heterostructures with a diamond tip. <i>Applied Physics Letters</i> , 2002 , 81, 2023-2025	3.4	20
43	Shot noise in self-assembled InAs quantum dots. <i>Physical Review B</i> , 2002 , 66,	3.3	40
42	Comment on "Missing $2k(F)$ response for composite fermions in phonon drag". <i>Physical Review Letters</i> , 2002 , 88, 149701; author reply 14702	7.4	0

41	Hopping conductivity in the quantum Hall effect: revival of universal scaling. <i>Physical Review Letters</i> , 2002 , 88, 036802	7.4	61
40	Conductance fluctuations at the quantum Hall plateau transition. <i>Physical Review B</i> , 2002 , 66,	3.3	14
39	High Magnetic Fields in Semiconductor Nanostructures: Spin Effects in Single InAs Quantum Dots 2002 , 3-12		
38	High frequency conductivity in the quantum Hall effect. <i>Physica B: Condensed Matter</i> , 2001 , 298, 88-92	2.8	13
37	Phonon emission and absorption in the fractional quantum Hall effect. <i>Physica B: Condensed Matter</i> , 2001 , 298, 164-168	2.8	2
36	Singularities in tunneling through InAs dots in high magnetic fields. <i>Physica B: Condensed Matter</i> , 2001 , 298, 272-276	2.8	
35	Transport anisotropies in a Si/SiGe heterostructure induced by an in-plane magnetic field. <i>Physica B: Condensed Matter</i> , 2001 , 298, 501-504	2.8	
34	Fabrication of Quantum Dots with Scanning Probe Nanolithography. <i>Physica Status Solidi (B): Basic Research</i> , 2001 , 224, 681-684	1.3	6
33	Resonant Tunnelling through InAs Quantum Dots in Tilted Magnetic Fields: Experimental Determination of the g-Factor Anisotropy. <i>Physica Status Solidi (B): Basic Research</i> , 2001 , 224, 685-688	1.3	12
32	Singularities in Magneto-Tunneling through InAs Quantum Dots. <i>Physica Status Solidi (B): Basic Research</i> , 2001 , 224, 689-692	1.3	
31	Photoluminescence Study of InAs/AlAs Quantum Dots. <i>Physica Status Solidi (B): Basic Research</i> , 2001 , 224, 119-122	1.3	14
30	Magnetoresistance anisotropy in Si /SiGe in tilted magnetic fields: experimental evidence for a stripe-phase formation. <i>Physical Review Letters</i> , 2001 , 86, 866-9	7.4	44
29	High frequency conductivity in the quantum hall regime. <i>Physical Review Letters</i> , 2001 , 86, 5124-7	7.4	36
28	Spin effects in InAs quantum dots: Tunneling experiments in tilted magnetic fields. <i>Springer Proceedings in Physics</i> , 2001 , 845-846	0.2	
27	Ballistic phonon studies in the lowest Landau level. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2000 , 6, 47-51	3	3
26	Exchange interaction effects in the crossing of spin-polarized Landau levels in a silicon-germanium heterostructure: transition into a ferromagnetic state. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2000 , 6, 288-292	3	5
25	Controlled mechanical AFM machining of two-dimensional electron systems: fabrication of a single-electron transistor. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2000 , 6, 860-863	3	32
24	Magnetic-field-induced singularities in spin-dependent tunneling through InAs quantum dots. <i>Physical Review B</i> , 2000 , 62, 12621-12624	3.3	59

23	Fabrication of a single-electron transistor by current-controlled local oxidation of a two-dimensional electron system. <i>Applied Physics Letters</i> , 2000 , 76, 457-459	3.4	76
22	Size determination of InAs quantum dots using magneto-tunnelling experiments. <i>Semiconductor Science and Technology</i> , 1999 , 14, L41-L43	1.8	54
21	Ballistic Heating of a Two-Dimensional Electron System by Phonon Excitation of the Magnetoroton Minimum at $\nu=1/3$. <i>Physical Review Letters</i> , 1999 , 82, 5333-5336	7.4	38
20	Measurement of the Hall current density in a Corbino geometry 2D electron gas. <i>Physical Review B</i> , 1999 , 59, 7323-7326	3.3	4
19	Nanomachining of mesoscopic electronic devices using an atomic force microscope. <i>Applied Physics Letters</i> , 1999 , 75, 1107-1109	3.4	57
18	Angle-resolved ballistic phonon absorption spectroscopy in the lowest Landau level. <i>Physica B: Condensed Matter</i> , 1999 , 263-264, 196-198	2.8	1
17	Ballistic phonon absorption in the fractional and non-quantised Hall effects. <i>Physica B: Condensed Matter</i> , 1998 , 249-251, 49-52	2.8	7
16	Angle-resolved ballistic phonon absorption spectroscopy in the lowest Landau level. <i>Physica B: Condensed Matter</i> , 1998 , 256-258, 36-42	2.8	2
15	Anomalous coincidences between valley split Landau levels in a Si/SiGe heterostructure. <i>Physica B: Condensed Matter</i> , 1998 , 256-258, 260-263	2.8	14
14	Thermopower measurements of the coupling of phonons to electrons and composite fermions. <i>Physical Review B</i> , 1998 , 58, 2017-2025	3.3	42
13	Fundamental Relation between Electrical and Thermoelectric Transport Coefficients in the Quantum Hall Regime. <i>Physical Review Letters</i> , 1997 , 78, 4621-4624	7.4	25
12	Time-resolved phonon absorption in the fractional quantum Hall regime. <i>Surface Science</i> , 1996 , 361-362, 34-37	1.8	
11	Universal behaviour of the thermoelectric power of composite fermions. <i>Surface Science</i> , 1996 , 361-362, 46-49	1.8	1
10	Phonon spectroscopy of the fractional quantum Hall effect. <i>Physica Scripta</i> , 1996 , T66, 163-166	2.6	1
9	Even denominator filling factors in the thermoelectric power of a 2DEG. <i>European Physical Journal D</i> , 1996 , 46, 2461-2462		
8	Magnetism of HgSe:Fe. <i>Physical Review B</i> , 1996 , 54, 15258-15265	3.3	4
7	Even denominator filling factors in the thermoelectric power of a two-dimensional electron gas. <i>Physical Review Letters</i> , 1996 , 76, 3630-3633	7.4	39
6	Extrinsic magnetoresistance in semiconductors. <i>Physica B: Condensed Matter</i> , 1995 , 204, 90-94	2.8	3

5	The high field magnetisation of the mixed-valence system HgSe:Fe. <i>Physica B: Condensed Matter</i> , 1995 , 211, 381-383	2.8	1
4	Thermoelectric power in the quantum-Hall regime at very low temperatures. <i>Physica B: Condensed Matter</i> , 1995 , 211, 414-416	2.8	3
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2	Thermoelectric properties of GaAs/Ga _{1-x} Al _x As heterojunctions in the fractional quantum Hall regime. <i>Surface Science</i> , 1994 , 305, 91-95	1.8	4
1	Investigation of the electron-phonon interaction in the fractional quantum Hall regime using the thermoelectric effect. <i>Physical Review B</i> , 1993 , 47, 16008-16011	3.3	22