

# M Pepper

## List of Publications by Citations

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611  
papers

23,189  
citations

64  
h-index

137  
g-index

618  
ext. papers

24,810  
ext. citations

3.3  
avg, IF

6.15  
L-index

#	Paper	IF	Citations
611	New Method for High-Accuracy Determination of the Fine-Structure Constant Based on Quantized Hall Resistance. <i>Physical Review Letters</i> , <b>1980</b> , 45, 494-497	7.4	4539
610	One-dimensional transport and the quantisation of the ballistic resistance. <i>Journal of Physics C: Solid State Physics</i> , <b>1988</b> , 21, L209-L214		1779
609	Possible Spin Polarization in a One-Dimensional Electron Gas. <i>Physical Review Letters</i> , <b>1996</b> , 77, 135-138	7.4	608
608	One-dimensional conduction in the two-dimensional electron gas in a GaAs-AlGaAs heterojunction. <i>Physical Review Letters</i> , <b>1986</b> , 56, 1198-1201	7.4	562
607	Measurements of Coulomb blockade with a noninvasive voltage probe. <i>Physical Review Letters</i> , <b>1993</b> , 70, 1311-1314	7.4	489
606	In vivo study of human skin using pulsed terahertz radiation. <i>Physics in Medicine and Biology</i> , <b>2004</b> , 49, 1595-607	3.8	344
605	Magnetic depopulation of 1D subbands in a narrow 2D electron gas in a GaAs:AlGaAs heterojunction. <i>Physical Review Letters</i> , <b>1986</b> , 57, 1769-1772	7.4	329
604	Gigahertz quantized charge pumping. <i>Nature Physics</i> , <b>2007</b> , 3, 343-347	16.2	308
603	Terahertz Frequency Sensing and Imaging: A Time of Reckoning Future Applications?. <i>Proceedings of the IEEE</i> , <b>2005</b> , 93, 1722-1743	14.3	278
602	Using Terahertz pulse spectroscopy to study the crystalline structure of a drug: a case study of the polymorphs of ranitidine hydrochloride. <i>Journal of Pharmaceutical Sciences</i> , <b>2003</b> , 92, 831-8	3.9	233
601	High-frequency single-electron transport in a quasi-one-dimensional GaAs channel induced by surface acoustic waves. <i>Journal of Physics Condensed Matter</i> , <b>1996</b> , 8, L531-9	1.8	228
600	Metal-Insulator Transition at B=0 in a Dilute Two Dimensional GaAs-AlGaAs Hole Gas. <i>Physical Review Letters</i> , <b>1998</b> , 80, 1292-1295	7.4	219
599	Interaction effects in a one-dimensional constriction. <i>Physical Review B</i> , <b>1998</b> , 58, 4846-4852	3.3	209
598	All-electric all-semiconductor spin field-effect transistors. <i>Nature Nanotechnology</i> , <b>2015</b> , 10, 35-9	28.7	206
597	Terahertz pulsed imaging of skin cancer in the time and frequency domain. <i>Journal of Biological Physics</i> , <b>2003</b> , 29, 257-9	1.6	199
596	Single-electron transport in a one-dimensional channel by high-frequency surface acoustic waves. <i>Physical Review B</i> , <b>1997</b> , 56, 15180-15184	3.3	198
595	Evolution of half plateaus as a function of electric field in a ballistic quasi-one-dimensional constriction. <i>Physical Review B</i> , <b>1991</b> , 44, 13549-13555	3.3	161

594	Spin-triplet negatively charged excitons in GaAs quantum wells. <i>Physical Review B</i> , <b>1995</b> , 52, 7841-7844	3.3	157
593	Addition of the one-dimensional quantised ballistic resistance. <i>Journal of Physics C: Solid State Physics</i> , <b>1988</b> , 21, L887-L891		148
592	Simulation of terahertz pulse propagation in biological systems. <i>Applied Physics Letters</i> , <b>2004</b> , 84, 2190-2192	3.4	141
591	Detection of single photons using a field-effect transistor gated by a layer of quantum dots. <i>Applied Physics Letters</i> , <b>2000</b> , 76, 3673-3675	3.4	128
590	The observation of interaction and localisation effects in a two-dimensional electron gas at low temperatures. <i>Journal of Physics C: Solid State Physics</i> , <b>1980</b> , 13, L985-L993		128
589	Analysis of sustained-release tablet film coats using terahertz pulsed imaging. <i>Journal of Controlled Release</i> , <b>2007</b> , 119, 253-61	11.7	127
588	Quantum conductance in silicon oxide resistive memory devices. <i>Scientific Reports</i> , <b>2013</b> , 3, 2708	4.9	126
587	Four-terminal magnetoresistance of a two-dimensional electron-gas constriction in the ballistic regime. <i>Physical Review B</i> , <b>1988</b> , 37, 8534-8536	3.3	125
586	Magneto-optical spectroscopy of positively charged excitons in GaAs quantum wells. <i>Physical Review B</i> , <b>1995</b> , 52, R5523-R5526	3.3	122
585	Drug hydrate systems and dehydration processes studied by terahertz pulsed spectroscopy. <i>International Journal of Pharmaceutics</i> , <b>2007</b> , 334, 78-84	6.5	111
584	Quenching of excitonic optical transitions by excess electrons in GaAs quantum wells. <i>Physical Review B</i> , <b>1995</b> , 51, 18049-18052	3.3	107
583	Vanishing Hall voltage in a quasi-one-dimensional GaAs-Al <sub>x</sub> Ga <sub>1-x</sub> As heterojunction. <i>Physical Review B</i> , <b>1988</b> , 38, 8518-8521	3.3	101
582	The transition from one- to zero-dimensional ballistic transport. <i>Journal of Physics C: Solid State Physics</i> , <b>1988</b> , 21, L893-L898		99
581	Spin properties of low-density one-dimensional wires. <i>Physical Review B</i> , <b>2000</b> , 61, R13365-R13368	3.3	94
580	Thermoelectric signature of the excitation spectrum of a quantum dot. <i>Physical Review B</i> , <b>1997</b> , 55, R10197-R10200	3.3	92
579	Weak localization, hole-hole interactions, and the "Metal"-insulator transition in two dimensions. <i>Physical Review Letters</i> , <b>2000</b> , 84, 2489-92	7.4	90
578	Clock-controlled emission of single-electron wave packets in a solid-state circuit. <i>Physical Review Letters</i> , <b>2013</b> , 111, 216807	7.4	88
577	Anomalous coulomb drag in electron-hole bilayers. <i>Physical Review Letters</i> , <b>2008</b> , 101, 246801	7.4	88

576	Crosslinked PMMA as a high-resolution negative resist for electron beam lithography and applications for physics of low-dimensional structures. <i>Semiconductor Science and Technology</i> , <b>1996</b> , 11, 1235-1238	1.8	88
575	Correlation Effects on the Coupled Plasmon Modes of a Double Quantum Well. <i>Physical Review Letters</i> , <b>1997</b> , 78, 2204-2207	7.4	87
574	Electrostatically defined heterojunction rings and the Aharonov-Bohm effect. <i>Applied Physics Letters</i> , <b>1989</b> , 54, 21-23	3.4	87
573	Two-dimensional hopping conductivity in a doped GaAs/Al <sub>x</sub> Ga <sub>1-x</sub> As heterostructure. <i>Physical Review B</i> , <b>1999</b> , 59, 4580-4583	3.3	83
572	Elimination of scattering effects in spectral measurement of granulated materials using terahertz pulsed spectroscopy. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 051103	3.4	82
571	Hole-hole interaction effect in the conductance of the two-dimensional hole gas in the ballistic regime. <i>Physical Review Letters</i> , <b>2002</b> , 89, 076406	7.4	81
570	Magnetic delocalisation of a two-dimensional electron gas and the quantum law of electron-electron scattering. <i>Journal of Physics C: Solid State Physics</i> , <b>1981</b> , 14, L395-L402		81
569	Enhanced coherent terahertz emission from indium arsenide in the presence of a magnetic field. <i>Applied Physics Letters</i> , <b>2000</b> , 76, 2038-2040	3.4	79
568	Thermometer for the 2D Electron Gas using 1D Thermopower. <i>Physical Review Letters</i> , <b>1998</b> , 81, 3491-3494	4.4	79
567	Conductance quantization at a half-integer plateau in a symmetric GaAs quantum wire. <i>Science</i> , <b>2006</b> , 312, 1359-62	33.3	78
566	Magnetotransport in a nonplanar two-dimensional electron gas. <i>Physical Review B</i> , <b>1995</b> , 52, R8629-R8632	3.3	78
565	Logarithmic corrections to two-dimensional transport in silicon inversion layers. <i>Journal of Physics C: Solid State Physics</i> , <b>1981</b> , 14, 5737-5762		78
564	Single-electron acoustic charge transport by two counterpropagating surface acoustic wave beams. <i>Physical Review B</i> , <b>1999</b> , 60, 4850-4855	3.3	77
563	Empirical relation between gate voltage and electrostatic potential in the one-dimensional electron gas of a split-gate device. <i>Physical Review B</i> , <b>1989</b> , 39, 6283-6286	3.3	76
562	Negative magnetoresistance in the variable-range-hopping regime in n-type GaAs. <i>Physical Review B</i> , <b>1989</b> , 39, 8059-8061	3.3	76
561	Zeeman splitting in ballistic hole quantum wires. <i>Physical Review Letters</i> , <b>2006</b> , 97, 026403	7.4	75
560	Continuous-wave terahertz system with a 60 dB dynamic range. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 204104	3.4	75
559	Observation of charge transport by negatively charged excitons. <i>Science</i> , <b>2001</b> , 294, 837-9	33.3	75

558	Fano factor reduction on the 0.7 conductance structure of a ballistic one-dimensional wire. <i>Physical Review Letters</i> , <b>2004</b> , 93, 116602	7.4	72
557	Tunneling between two-dimensional electron gases in a strong magnetic field. <i>Physical Review B</i> , <b>1994</b> , 50, 15465-15468	3.3	72
556	Interaction effects at crossings of spin-polarized one-dimensional subbands. <i>Physical Review Letters</i> , <b>2003</b> , 91, 136404	7.4	71
555	High-frequency acousto-electric single-photon source. <i>Physical Review A</i> , <b>2000</b> , 62,	2.6	71
554	Ballistic transport in one-dimensional constrictions formed in deep two-dimensional electron gases. <i>Applied Physics Letters</i> , <b>1995</b> , 67, 109-111	3.4	71
553	Screening of the surface-acoustic-wave potential by a metal gate and the quantization of the acoustoelectric current in a narrow channel. <i>Physical Review B</i> , <b>1998</b> , 58, 10589-10596	3.3	66
552	Controlled wave-function mixing in strongly coupled one-dimensional wires. <i>Physical Review B</i> , <b>1999</b> , 59, 12252-12255	3.3	66
551	. <i>Journal of Physics C: Solid State Physics</i> , <b>1988</b> , 21, L325-L331		66
550	Variable-range hopping in a silicon inversion layer. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1974</b> , 47, 71-72	2.3	66
549	Spin splitting of one-dimensional subbands in high quality quantum wires at zero magnetic field. <i>Physical Review B</i> , <b>2000</b> , 62, 15842-15850	3.3	65
548	Non-linear conductance of a saddle-point constriction. <i>Journal of Physics Condensed Matter</i> , <b>1992</b> , 4, 1323-1333	3.8	65
547	Quantized acoustoelectric current transport through a static quantum dot using a surface acoustic wave. <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	64
546	Magnetic-field-induced insulator-quantum Hall-insulator transition in a disordered two-dimensional electron gas. <i>Journal of Physics Condensed Matter</i> , <b>1994</b> , 6, 4763-4770	1.8	64
545	Incipient formation of an electron lattice in a weakly confined quantum wire. <i>Physical Review Letters</i> , <b>2009</b> , 102, 056804	7.4	63
544	Single-electron tunneling and Coulomb charging effects in asymmetric double-barrier resonant-tunneling diodes. <i>Physical Review B</i> , <b>1992</b> , 45, 14407-14410	3.3	62
543	Charging and double-frequency Aharonov-Bohm effects in an open system. <i>Physical Review B</i> , <b>1994</b> , 49, 17456-17459	3.3	61
542	Noise and reproducible structure in a GaAs/Al <sub>x</sub> Ga <sub>1-x</sub> As one-dimensional channel. <i>Physical Review B</i> , <b>1991</b> , 44, 1938-1941	3.3	61
541	Observation of Coulomb blockade oscillations in the thermopower of a quantum dot. <i>Solid State Communications</i> , <b>1993</b> , 87, 1145-1149	1.6	61

540	Spin-dependent recombination in irradiated Si/SiO <sub>2</sub> device structures. <i>Applied Physics Letters</i> , <b>1988</b> , 52, 1161-1163	3.4	61
539	Single-electron acoustic charge transport on shallow-etched channels in a perpendicular magnetic field. <i>Physical Review B</i> , <b>2000</b> , 62, 1564-1567	3.3	60
538	Reentrant Insulator-Metal-Insulator Transition at B=0 in a Two-Dimensional Hole Gas. <i>Physical Review Letters</i> , <b>1999</b> , 82, 1542-1545	7.4	58
537	One-dimensional quantised ballistic resistors in parallel configuration. <i>Journal of Physics Condensed Matter</i> , <b>1989</b> , 1, 6763-6770	1.8	58
536	Transport in a superlattice of 1D ballistic channels. <i>Journal of Physics Condensed Matter</i> , <b>1990</b> , 2, 3405-3414	1.8	58
535	Resistance resonance induced by electron-hole hybridization in a strongly coupled InAs/GaSb/AlSb heterostructure. <i>Physical Review B</i> , <b>1998</b> , 57, 11915-11918	3.3	57
534	Influence of excess electrons and magnetic fields on Mott-Wannier excitons in GaAs quantum wells. <i>Advances in Physics</i> , <b>1995</b> , 44, 47-72	18.4	57
533	Terahertz pulsed imaging as an analytical tool for sustained-release tablet film coating. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2009</b> , 71, 117-23	5.7	56
532	Optically induced bistability in the mobility of a two-dimensional electron gas coupled to a layer of quantum dots. <i>Applied Physics Letters</i> , <b>1999</b> , 74, 735-737	3.4	56
531	Spectroscopy of a two-dimensional electron gas in the quantum-Hall-effect regime by use of low-frequency edge magnetoplasmons. <i>Physical Review B</i> , <b>1992</b> , 46, 12427-12432	3.3	55
530	Properties of a ballistic quasi-one-dimensional constriction in a parallel high magnetic field. <i>Physical Review B</i> , <b>1991</b> , 44, 10973-10975	3.3	55
529	Kondo effect from a tunable bound state within a quantum wire. <i>Physical Review Letters</i> , <b>2008</b> , 100, 026807	3.7	54
528	Coulomb interaction of two electrons in the quantum dot formed by the surface acoustic wave in a narrow channel. <i>Physical Review B</i> , <b>1999</b> , 60, R13954-R13957	3.3	53
527	Photoluminescence due to positively charged excitons in undoped GaAs/Al <sub>x</sub> Ga <sub>1-x</sub> As quantum wells. <i>Physical Review B</i> , <b>1996</b> , 53, 13002-13010	3.3	53
526	Coherent time evolution of a single-electron wave function. <i>Physical Review Letters</i> , <b>2009</b> , 102, 156801	7.4	52
525	Direction-resolved transport and possible many-body effects in one-dimensional thermopower. <i>Physical Review B</i> , <b>2000</b> , 62, R16275-R16278	3.3	52
524	On the acoustoelectric current in a one-dimensional channel. <i>Journal of Physics Condensed Matter</i> , <b>1996</b> , 8, L337-L343	1.8	52
523	Ballistic transport in one dimension: additional quantisation produced by an electric field. <i>Journal of Physics Condensed Matter</i> , <b>1990</b> , 2, 7247-7254	1.8	52

522	Length scales at the metal-insulator transition in compensated GaAs. <i>Physical Review Letters</i> , <b>1988</b> , 61, 369-372	7.4	52
521	Quantized charge pumping through a quantum dot by surface acoustic waves. <i>Applied Physics Letters</i> , <b>2004</b> , 84, 4319-4321	3.4	51
520	Fabrication of high-quality one- and two-dimensional electron gases in undoped GaAs/AlGaAs heterostructures. <i>Applied Physics Letters</i> , <b>1999</b> , 74, 2328-2330	3.4	51
519	Direct experimental determination of the tunnelling time and transmission probability of electrons through a resonant tunnelling structure. <i>Journal of Physics Condensed Matter</i> , <b>1991</b> , 2, 8969-8975	1.8	51
518	Universal conductance fluctuations and electron coherence lengths in a narrow two-dimensional electron gas. <i>Physical Review B</i> , <b>1987</b> , 36, 4514-4517	3.3	51
517	Spin-dependent transport in a quasiballistic quantum wire. <i>Physical Review B</i> , <b>2000</b> , 61, 9952-9955	3.3	50
516	Magnetization Instability in a Two-Dimensional System. <i>Physical Review Letters</i> , <b>1997</b> , 79, 4449-4452	7.4	49
515	Experimental Evidence for Coulomb Charging Effects in an Open Quantum Dot at Zero Magnetic Field. <i>Physical Review Letters</i> , <b>1998</b> , 81, 3507-3510	7.4	49
514	Resonant tunneling between parallel, two-dimensional electron gases: A new approach to device fabrication using in situ ion beam lithography and molecular beam epitaxy growth. <i>Applied Physics Letters</i> , <b>1994</b> , 64, 1827-1829	3.4	49
513	Wave functions and Fermi surfaces of strongly coupled two-dimensional electron gases investigated by in-plane magnetoresistance. <i>Physical Review B</i> , <b>1994</b> , 50, 4889-4892	3.3	49
512	Localisation in disordered two-dimensional systems and the universal dependence on diffusion length. <i>Journal of Physics C: Solid State Physics</i> , <b>1981</b> , 14, L413-L419		48
511	An accurate high-speed single-electron quantum dot pump. <i>New Journal of Physics</i> , <b>2010</b> , 12, 073013	2.9	47
510	Resonant magneto-transport through a lateral quantum box in a semiconductor heterostructure. <i>Journal of Physics Condensed Matter</i> , <b>1989</b> , 1, 6291-6298	1.8	47
509	Weak localization in high-quality two-dimensional systems. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	46
508	Possible evidence of a spontaneous spin polarization in mesoscopic two-dimensional electron systems. <i>Physical Review Letters</i> , <b>2004</b> , 92, 116601	7.4	46
507	Effect of spatial dispersion on acoustoelectric current in a high-mobility two-dimensional electron gas. <i>Physical Review B</i> , <b>1995</b> , 51, 14770-14773	3.3	46
506	Charging effects and the excitation spectrum of a quantum dot formed by an impurity potential. <i>Physical Review B</i> , <b>1993</b> , 48, 8866-8871	3.3	46
505	Resonant tunneling in an Al <sub>x</sub> Ga <sub>1-x</sub> As/GaAs quantum dot as a function of magnetic field. <i>Physical Review B</i> , <b>1992</b> , 46, 3948-3952	3.3	45

504	Possible observation of an electronic phase transition in Sb doped Si. <i>Journal of Physics C: Solid State Physics</i> , <b>1984</b> , 17, L425-L432		45
503	Magneto-resistance oscillations and the transition from three-dimensional to two-dimensional conduction in a gallium arsenide field effect transistor at low temperatures. <i>Journal of Physics C: Solid State Physics</i> , <b>1982</b> , 15, L21-L30		45
502	Time-of-Flight Measurements of Single-Electron Wave Packets in Quantum Hall Edge States. <i>Physical Review Letters</i> , <b>2016</b> , 116, 126803	7.4	44
501	Enhanced g factors of a one-dimensional hole gas with quantized conductance. <i>Physical Review B</i> , <b>1997</b> , 55, R13409-R13412	3.3	44
500	Chemical mapping using reflection terahertz pulsed imaging. <i>Semiconductor Science and Technology</i> , <b>2005</b> , 20, S254-S257	1.8	44
499	Spin injection between epitaxial Co <sub>2.4</sub> Mn <sub>1.6</sub> Ga and an InGaAs quantum well. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 252106	3.4	44
498	Ground State of a Two-Dimensional Coupled Electron-Hole Gas in InAs/GaSb Narrow Gap Heterostructures. <i>Physical Review Letters</i> , <b>1999</b> , 82, 2362-2365	7.4	43
497	The growth and physics of high mobility two-dimensional hole gases. <i>Journal of Crystal Growth</i> , <b>1991</b> , 111, 318-322	1.6	43
496	Magnetic localization in silicon inversion layers. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , <b>1978</b> , 37, 83-95		43
495	Spin-incoherent transport in quantum wires. <i>Physical Review Letters</i> , <b>2008</b> , 101, 036801	7.4	42
494	Time-irreversible random telegraph signal due to current along a single hopping chain. <i>Physical Review Letters</i> , <b>1992</b> , 69, 502-505	7.4	42
493	Enhanced current quantization in high-frequency electron pumps in a perpendicular magnetic field. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	41
492	Energy-dependent tunneling from few-electron dynamic quantum dots. <i>Physical Review Letters</i> , <b>2007</b> , 99, 156802	7.4	41
491	Anderson localisation of holes in a Si inversion layer. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1974</b> , 48, 113-114	2.3	41
490	Bias-controlled spin polarization in quantum wires. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 032102	3.4	40
489	Electron-electron scattering in silicon inversion layers. <i>Journal of Physics C: Solid State Physics</i> , <b>1983</b> , 16, L353-L360		40
488	The transition from two- to one-dimensional electronic transport in narrow silicon accumulation layers. <i>Journal of Physics C: Solid State Physics</i> , <b>1982</b> , 15, L1287-L1297		40
487	Electric-field-induced ionization of negatively charged excitons in quantum wells. <i>Physical Review B</i> , <b>1997</b> , 55, R1970-R1972	3.3	39



486	Closely separated one-dimensional wires.. <i>Physica B: Condensed Matter</i> , <b>1998</b> , 249-251, 157-161	2.8	39
485	Quantum magnetic confinement in a curved two-dimensional electron gas. <i>Journal of Physics Condensed Matter</i> , <b>1994</b> , 6, L127-L134	1.8	39
484	Zero-bias anomaly in quantum wires. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	38
483	Frictional drag between parallel two-dimensional electron gases in a perpendicular magnetic field. <i>Journal of Physics Condensed Matter</i> , <b>1996</b> , 8, L557-L562	1.8	38
482	Magnetotunneling spectroscopy of one-dimensional wires. <i>Physical Review B</i> , <b>1997</b> , 55, R1966-R1969	3.3	37
481	Conductance quantization and the $0.7e^2/h$ conductance anomaly in one-dimensional hole systems. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 012107	3.4	37
480	Fabrication and transport properties of clean long one-dimensional quantum wires formed in modulation-doped GaAs/AlGaAs heterostructures. <i>Applied Physics Letters</i> , <b>1999</b> , 75, 2975-2977	3.4	36
479	Study of the carrier density dependence of the frictional drag between closely spaced two-dimensional electron gases. <i>Semiconductor Science and Technology</i> , <b>1995</b> , 10, 1229-1232	1.8	36
478	Aharonov-Bohm effect and one-dimensional ballistic transport through two independent parallel channels. <i>Applied Physics Letters</i> , <b>1993</b> , 63, 3191-3193	3.4	36
477	Electron-electron scattering in narrow Si accumulation layers. <i>Journal of Physics Condensed Matter</i> , <b>1989</b> , 1, 3289-3293	1.8	36
476	Logarithmic and power law corrections in two-dimensional electronic transport. <i>Journal of Physics C: Solid State Physics</i> , <b>1982</b> , 15, L371-L376		36
475	Row coupling in an interacting quasi-one-dimensional quantum wire investigated using transport measurements. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	35
474	Impact of long- and short-range disorder on the metallic behaviour of two-dimensional systems. <i>Nature Physics</i> , <b>2008</b> , 4, 55-59	16.2	35
473	Rapid radiative decay of charged excitons. <i>Physical Review B</i> , <b>2000</b> , 62, R13294-R13297	3.3	35
472	Electron transport in a non-uniform magnetic field. <i>Journal of Physics Condensed Matter</i> , <b>1995</b> , 7, L307-L315		35
471	Critical conductivity at the magnetic-field-induced metal-insulator transition in n-GaAs and n-InSb. <i>Journal of Physics C: Solid State Physics</i> , <b>1986</b> , 19, 3983-3990		35
470	The spatial extent of localized state wavefunctions in silicon inversion layers. <i>Journal of Physics C: Solid State Physics</i> , <b>1974</b> , 7, L273-L277		35
469	Negatively charged excitons in coupled double quantum wells. <i>Physical Review B</i> , <b>1997</b> , 55, 1318-1321	3.3	34

- 468 Transport properties of two-dimensional electron gases containing InAs self-assembled dots. *Applied Physics Letters*, **1998**, 73, 2468-2470 3-4 34
- 467 Fabry-Perot interferometry with electron waves. *Journal of Physics Condensed Matter*, **1989**, 1, 9035-9044.8 34
- 466 Observation of Aharonov-Bohm oscillations in a narrow two-dimensional electron gas. *Journal of Physics Condensed Matter*, **1989**, 1, 3369-3373 1.8 34
- 465 Parallel quantized charge pumping. *Physical Review B*, **2009**, 80, 3-3 33
- 464 Quantized current in one-dimensional channel induced by surface acoustic waves. *Physica B: Condensed Matter*, **1998**, 249-251, 140-146 2.8 33
- 463 Single-electron population and depopulation of an isolated quantum dot using a surface-acoustic-wave pulse. *Physical Review Letters*, **2007**, 98, 046801 7-4 33
- 462 Dephasing in an isolated double-quantum-dot system deduced from single-electron polarization measurements. *Physical Review B*, **2003**, 67, 3-3 33
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