

Uli Zeitler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4929936/publications.pdf>

Version: 2024-02-01

192
papers

13,868
citations

61945

43
h-index

20343

116
g-index

195
all docs

195
docs citations

195
times ranked

15993
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Room-Temperature Quantum Hall Effect in Graphene. <i>Science</i> , 2007, 315, 1379-1379. | 6.0 | 2,662 |
| 2 | Unconventional quantum Hall effect and Berry's phase of 2π in bilayer graphene. <i>Nature Physics</i> , 2006, 2, 177-180. | 6.5 | 1,785 |
| 3 | Magnetic effects at the interface between non-magnetic oxides. <i>Nature Materials</i> , 2007, 6, 493-496. | 13.3 | 1,489 |
| 4 | High electron mobility, quantum Hall effect and anomalous optical response in atomically thin InSe. <i>Nature Nanotechnology</i> , 2017, 12, 223-227. | 15.6 | 996 |
| 5 | Extremely large magnetoresistance and ultrahigh mobility in the topological Weyl semimetal candidate NbP. <i>Nature Physics</i> , 2015, 11, 645-649. | 6.5 | 893 |
| 6 | Evidence for two-dimensional Ising superconductivity in gated MoS ₂ . <i>Science</i> , 2015, 350, 1353-1357. | 6.0 | 636 |
| 7 | Josephson supercurrent through a topological insulator surface state. <i>Nature Materials</i> , 2012, 11, 417-421. | 13.3 | 275 |
| 8 | Dissipative Quantum Hall Effect in Graphene near the Dirac Point. <i>Physical Review Letters</i> , 2007, 98, 196806. | 2.9 | 255 |
| 9 | Design of compensated ferrimagnetic Heusler alloys for giant tunable exchange bias. <i>Nature Materials</i> , 2015, 14, 679-684. | 13.3 | 250 |
| 10 | 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, 3282-3286. | 3.3 | 239 |
| 11 | Oscillatory Persistent Currents in Self-Assembled Quantum Rings. <i>Physical Review Letters</i> , 2007, 99, 146808. | 2.9 | 192 |
| 12 | Extremely high magnetoresistance and conductivity in the type-II Weyl semimetals WP ₂ and MoP ₂ . <i>Nature Communications</i> , 2017, 8, 1642. | 5.8 | 178 |
| 13 | Gap opening in the zeroth Landau level of graphene. <i>Physical Review B</i> , 2009, 80, . | 1.1 | 146 |
| 14 | Nanolithography and manipulation of graphene using an atomic force microscope. <i>Solid State Communications</i> , 2008, 147, 366-369. | 0.9 | 138 |
| 15 | Quantum-Hall Activation Gaps in Graphene. <i>Physical Review Letters</i> , 2007, 99, 206803. | 2.9 | 127 |
| 16 | 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. | 3.3 | 126 |
| 17 | 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, 5335-5340. | 6.6 | 117 |
| 18 | Full superconducting dome of strong Ising protection in gated monolayer WS ₂ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3551-3556. | 3.3 | 108 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | From One Electron to One Hole: Quasiparticle Counting in Graphene Quantum Dots Determined by Electrochemical and Plasma Etching. <i>Small</i> , 2010, 6, 1469-1473. | 5.2 | 98 |
| 20 | Tuning the valley and chiral quantum state of Dirac electrons in van der Waals heterostructures. <i>Science</i> , 2016, 353, 575-579. | 6.0 | 88 |
| 21 | Observation of pseudo-two-dimensional electron transport in the rock salt-type topological semimetal LaBi. <i>Physical Review B</i> , 2016, 93, . | 1.1 | 83 |
| 22 | 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. | 1.5 | 80 |
| 23 | Quantum resistance metrology in graphene. <i>Applied Physics Letters</i> , 2008, 93, . | 1.5 | 72 |
| 24 | Hopping Conductivity in the Quantum Hall Effect: Revival of Universal Scaling. <i>Physical Review Letters</i> , 2002, 88, 036802. | 2.9 | 70 |
| 25 | Spin splitting in graphene studied by means of tilted magnetic-field experiments. <i>Physical Review B</i> , 2011, 84, . | 1.1 | 66 |
| 26 | 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. | 3.3 | 63 |
| 27 | Nanomachining of mesoscopic electronic devices using an atomic force microscope. <i>Applied Physics Letters</i> , 1999, 75, 1107-1109. | 1.5 | 62 |
| 28 | Magnetic-field-induced singularities in spin-dependent tunneling through InAs quantum dots. <i>Physical Review B</i> , 2000, 62, 12621-12624. | 1.1 | 62 |
| 29 | Phase-fluctuating superconductivity in overdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Nature Physics</i> , 2011, 7, 455-458. | 6.5 | 58 |
| 30 | Generation of energy selective excitations in quantum Hall edge states. <i>Semiconductor Science and Technology</i> , 2011, 26, 055010. | 1.0 | 57 |
| 31 | Size determination of InAs quantum dots using magneto-tunnelling experiments. <i>Semiconductor Science and Technology</i> , 1999, 14, L41-L43. | 1.0 | 56 |
| 32 | Coulomb-Interaction-Induced Incomplete Shell Filling in the Hole System of InAs Quantum Dots. <i>Physical Review Letters</i> , 2005, 94, 026808. | 2.9 | 56 |
| 33 | Scaling of the quantum Hall plateau-plateau transition in graphene. <i>Physical Review B</i> , 2009, 80, . | 1.1 | 55 |
| 34 | Transport gap in suspended bilayer graphene at zero magnetic field. <i>Physical Review B</i> , 2012, 85, . | 1.1 | 55 |
| 35 | Extremely high conductivity observed in the triple point topological metal MoP. <i>Nature Communications</i> , 2019, 10, 2475. | 5.8 | 54 |
| 36 | Three-Dimensional Superconducting Nanohelices Grown by He ⁺ -Focused-Ion-Beam Direct Writing. <i>Nano Letters</i> , 2019, 19, 8597-8604. | 4.5 | 52 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Quantum oscillations and subband properties of the two-dimensional electron gas at the LaAlO ₃ /SrTiO ₃ interface. APL Materials, 2014, 2, . | 2.2 | 50 |
| 38 | Magneto-thermoelectric properties of Bi ₂ Se ₃ . Physical Review B, 2013, 87, . | 1.1 | 49 |
| 39 | Se ₂ using the Shubnikov-de Haas effect. Physical Review B, 2012, 86, . | 1.1 | 48 |
| 40 | Linear Magnetoresistance in a Quasifree Two-Dimensional Electron Gas in an Ultrahigh Mobility GaAs Quantum Well. Physical Review Letters, 2016, 117, 256601. | 2.9 | 47 |
| 41 | Real-time martensitic transformation kinetics in maraging steel under high magnetic fields. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 5241-5245. | 2.6 | 46 |
| 42 | Temperature dependence of antiferromagnetic susceptibility in ferritin. Physical Review B, 2009, 79, . | 1.1 | 45 |
| 43 | Magnetoresistance Anisotropy in Si/SiGe in Tilted Magnetic Fields: Experimental Evidence for a Stripe-Phase Formation. Physical Review Letters, 2001, 86, 866-869. | 2.9 | 44 |
| 44 | Thermopower measurements of the coupling of phonons to electrons and composite fermions. Physical Review B, 1998, 58, 2017-2025. | 1.1 | 43 |
| 45 | Modeling of electron and hole quasiparticle wave functions in As ₂ Se ₃ quantum dots. Physical Review B, 2007, . | 1.1 | 42 |
| 46 | Even-Denominator Filling Factors in the Thermoelectric Power of a Two-Dimensional Electron Gas. Physical Review Letters, 1996, 76, 3630-3633. | 2.9 | 40 |
| 47 | Ballistic Heating of a Two-Dimensional Electron System by Phonon Excitation of the Magnetoroton Minimum at $\nu = 1/3$. Physical Review Letters, 1999, 82, 5333-5336. | 2.9 | 40 |
| 48 | Shot noise in self-assembled InAs quantum dots. Physical Review B, 2002, 66, . | 1.1 | 40 |
| 49 | High Frequency Conductivity in the Quantum Hall Regime. Physical Review Letters, 2001, 86, 5124-5127. | 2.9 | 38 |
| 50 | Controlled mechanical AFM machining of two-dimensional electron systems: fabrication of a single-electron transistor. Physica E: Low-Dimensional Systems and Nanostructures, 2000, 6, 860-863. | 1.3 | 35 |
| 51 | Dynamical Scaling of the Quantum Hall Plateau Transition. Physical Review Letters, 2002, 89, 276801. | 2.9 | 35 |
| 52 | Direct measurements of the spin and valley splittings in the magnetization of a Si _{0.8} Ge _{0.2} quantum well in tilted magnetic fields. Physical Review B, 2005, 72, . | 1.1 | 35 |
| 53 | Electron Trapping Mechanism in LaAlO ₃ /SrTiO ₃ Heterostructures. Physical Review Letters, 2020, 124, 017702. | 2.9 | 35 |
| 54 | Magnetization of Re-based double perovskites: Noninteger saturation magnetization disclosed. Applied Physics Letters, 2007, 90, 252514. | 1.5 | 33 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Thermally excited multiband conduction in LaAlO ₃ /SrTiO ₃ heterostructures exhibiting magnetic scattering. Physical Review B, 2013, 88, . | 1.1 | 20 |
| 74 | Evolution of two-dimensional antiferromagnetism with temperature and magnetic field in multiferroic BaMn ₂ O ₇ . Physical Review B, 2014, 89, . | 1.1 | 20 |
| 75 | Research in High Magnetic Fields: The Installation at the University of Nijmegen. Journal of Low Temperature Physics, 2003, 133, 181-201. | 0.6 | 19 |
| 76 | Temperature dependence of magnetization under high fields in Re-based double perovskites. Journal of Physics Condensed Matter, 2007, 19, 506206. | 0.7 | 19 |
| 77 | Magnetoelectric effect and magnetic phase diagram of a polar ferrimagnet CaBaFe ₄ O ₇ . Physical Review B, 2016, 93, . | 1.1 | 19 |
| 78 | High-temperature quantum Hall effect in finite gapped HgTe quantum wells. Physical Review B, 2016, 93, . | 1.1 | 19 |
| 79 | Band inversion driven by electronic correlations at the (111) LaAlO ₃ /SrTiO ₃ interface. Physical Review B, 2019, 99, . | 1.1 | 19 |
| 80 | A low-temperature scanning tunneling microscope capable of microscopy and spectroscopy in a Bitter magnet at up to 34 T. Review of Scientific Instruments, 2017, 88, 093706. | 0.6 | 18 |
| 81 | High-field thermal transport properties of the Kitaev quantum magnet Ru ₂ O ₇ : Evidence for low-energy excitations beyond the critical field. Physical Review B, 2020, 102, . | 1.1 | 18 |
| 82 | Hole levels in InAs self-assembled quantum dots. Physical Review B, 2007, 75, . | 1.1 | 17 |
| 83 | Thermoinduced magnetic moment in akaganite nanoparticles. Physical Review B, 2011, 83, . | 1.1 | 17 |
| 84 | Magneto-quantum oscillations in the Hall constant of three-dimensional metallic semiconductors. Journal of Physics Condensed Matter, 1994, 6, 4289-4296. | 0.7 | 16 |
| 85 | Anomalous coincidences between valley split Landau levels in a Si/SiGe heterostructure. Physica B: Condensed Matter, 1998, 256-258, 260-263. | 1.3 | 16 |
| 86 | Conductance fluctuations at the quantum Hall plateau transition. Physical Review B, 2002, 66, . | 1.1 | 16 |
| 87 | Graphene in high magnetic fields. Comptes Rendus Physique, 2013, 14, 78-93. | 0.3 | 16 |
| 88 | Lifting of the Landau level degeneracy in graphene devices in a tilted magnetic field. Physical Review B, 2015, 92, . | 1.1 | 16 |
| 89 | Electron-hole asymmetry of the topological surface states in strained HgTe. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3381-3386. | 3.3 | 16 |
| 90 | Competing exchange interactions in multiferroic and ferrimagnetic CaBaCo ₄ O ₇ . Physical Review B, 2017, 95, . | 1.1 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Magnetization of a two-dimensional electron gas with a second filled subband. Physical Review B, 2003, 68, . | 1.1 | 15 |
| 92 | Metastability Phenomena in VO ₂ Thin Films. Condensed Matter, 2017, 2, 10. | 0.8 | 15 |
| 93 | Photoluminescence Study of InAs/AlAs Quantum Dots. Physica Status Solidi (B): Basic Research, 2001, 224, 119-122. | 0.7 | 14 |
| 94 | Tuning the onset voltage of resonant tunneling through InAs quantum dots by growth parameters. Applied Physics Letters, 2003, 82, 1209-1211. | 1.5 | 14 |
| 95 | Electrical and optical properties of transition metal dichalcogenides on talc dielectrics. Nanoscale, 2021, 13, 15853-15858. | 2.8 | 14 |
| 96 | Revealing Excitonic Complexes in Monolayer WS_2 on Talc Dielectric. Physical Review Applied, 2021, 16, . | 1.5 | 14 |
| 97 | High frequency conductivity in the quantum Hall effect. Physica B: Condensed Matter, 2001, 298, 88-92. | 1.3 | 13 |
| 98 | Resonant Tunnelling through InAs Quantum Dots in Tilted Magnetic Fields: Experimental Determination of the g-Factor Anisotropy. Physica Status Solidi (B): Basic Research, 2001, 224, 685-688. | 0.7 | 13 |
| 99 | The High Field Magnet Laboratory at Radboud University Nijmegen. Journal of Low Temperature Physics, 2010, 159, 389-393. | 0.6 | 13 |
| 100 | Quantum Hall activation gaps in bilayer graphene. Solid State Communications, 2010, 150, 2209-2211. | 0.9 | 13 |
| 101 | High sensitivity magnetometer for measuring the isotropic and anisotropic magnetisation of small samples. Review of Scientific Instruments, 2011, 82, 053909. | 0.6 | 13 |
| 102 | Symmetry and Correlation Effects on Band Structure Explain the Anomalous Transport Properties of (111) $LaAlO_3$. Physical Review Letters, 2019, 123, 036805. | 2.9 | 13 |
| 103 | Influence of the size of self-assembled InAs/AlAs quantum dots on photoluminescence and resonant tunneling. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 13, 761-764. | 1.3 | 12 |
| 104 | Fine structure of the lowest Landau level in suspended trilayer graphene. Physical Review B, 2013, 88, . | 1.1 | 12 |
| 105 | Magneto-Seebeck effect in $FeAsO$. Physical Review B, 2014, 90, . | 1.1 | 12 |
| 106 | Mapping of the hole wave functions of self-assembled InAs-quantum dots by magneto-capacitance voltage spectroscopy. Physica E: Low-Dimensional Systems and Nanostructures, 2006, 32, 159-162. | 1.3 | 11 |
| 107 | Magneto-Elastic Effects in $Tb_3Ga_5O_{12}$. Journal of the Physical Society of Japan, 2014, 83, 044603. | 0.7 | 11 |
| 108 | Magnetotransport in single-layer graphene in a large parallel magnetic field. Physical Review B, 2016, 94, . | 1.1 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Composite fermion liquid to Wigner solid transition in the lowest Landau level of zinc oxide. Nature Communications, 2018, 9, 4356. | 5.8 | 11 |
| 110 | Spin excitations of magnetoelectric LiNiPO_4 in multiple magnetic phases. Physical Review B, 2019, 100, . | 1.1 | 11 |
| 111 | Bulk and in-gap states in SmB_6 revealed by high-field magnetotransport. Physical Review B, 2017, 96, . | 1.1 | 10 |
| 112 | High-quality two-dimensional electron gas in undoped InSb quantum wells. Physical Review Research, 2022, 4, . | 1.3 | 10 |
| 113 | Double magnetic phase transition in $\text{ND}_4\text{Fe}(\text{DPO}_4)_2$ and $\text{NH}_4\text{Fe}(\text{HPO}_4)_2$. Physical Review B, 2010, 82, . | 1.1 | 9 |
| 114 | Vortex Dynamics and Irreversibility Line in $\text{FeSe}_{0.25}\text{Te}_{0.75}$. Physics Procedia, 2015, 67, 890-895. | 1.2 | 9 |
| 115 | Tuning Rashba spin-orbit coupling at $\text{LaAlO}_3/\text{SrTiO}_3$ interfaces by band filling. Physical Review B, 2020, 101, . | 1.1 | 9 |
| 116 | Electronic g factor and magnetotransport in InSb quantum wells. Physical Review Research, 2020, 2, . | 1.3 | 9 |
| 117 | Measurement of the specific heat of a fractional quantum Hall system. Physical Review B, 2007, 76, . | 1.1 | 8 |
| 118 | Transport and thermoelectric properties of the $\text{LaAlO}_3/\text{SrTiO}_3$ interface. Physical Review B, 2015, 91, . | 1.1 | 8 |
| 119 | Ballistic phonon absorption in the fractional and non-quantised Hall effects. Physica B: Condensed Matter, 1998, 249-251, 49-52. | 1.3 | 7 |
| 120 | Measurement of the Hall current density in a Corbino geometry 2D electron gas. Physical Review B, 1999, 59, 7323-7326. | 1.1 | 7 |
| 121 | Direct fabrication of parallel quantum dots with an atomic force microscope. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 13, 1155-1158. | 1.3 | 7 |
| 122 | Valley-polarized massive charge carriers in gapped graphene. Physical Review B, 2013, 87, . | 1.1 | 7 |
| 123 | Suppression of martensitic transformation in Ni-Mn-In metamagnetic shape memory alloy under very strong magnetic field. Journal of Alloys and Compounds, 2021, 874, 159814. | 2.8 | 7 |
| 124 | Electronic subbands in the $\text{LaAlO}_3/\text{SrTiO}_3$ interface revealed by quantum oscillations in high magnetic fields. Physical Review Research, 2021, 3, . | 1.1 | 7 |
| 125 | Magnetism of HgSe:Fe . Physical Review B, 1996, 54, 15258-15265. | 1.1 | 6 |
| 126 | Fabrication of Quantum Dots with Scanning Probe Nanolithography. Physica Status Solidi (B): Basic Research, 2001, 224, 681-684. | 0.7 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | A generalized treatment of the dynamical scaling of the quantum Hall plateau transition. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 16, 10-16. | 1.3 | 6 |
| 128 | DESTRUCTION OF CORRELATED BILAYER STATES SUBJECTED TO TILTED MAGNETIC FIELDS. International Journal of Modern Physics B, 2004, 18, 3693-3698. | 1.0 | 6 |
| 129 | The new installation at the Nijmegen High Field Magnet Laboratory. Physica B: Condensed Matter, 2004, 346-347, 659-662. | 1.3 | 6 |
| 130 | Magnetic field dependence of hole levels in InAs quantum dots. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 26, 446-449. | 1.3 | 6 |
| 131 | Quantized coexisting electrons and holes in graphene measured using temperature-dependent magnetotransport. Physical Review B, 2013, 87, . | 1.1 | 6 |
| 132 | Quantum oscillations of the topological surface states in low carrier concentration crystals of Bi_2Se_3 . Physical Review B, 2013, 87, . | 0.9 | 6 |
| 133 | Quantum oscillations in the SmFeAsO parent compound and superconducting SmFeAs(O,F). Physical Review B, 2017, 96, . | 1.1 | 6 |
| 134 | Unusual thermoelectric properties of BaFe_2As_2 in high magnetic fields. Physical Review B, 2018, 98, . | | |
| 135 | Exchange interaction effects in the crossing of spin-polarized Landau levels in a silicon-germanium heterostructure: transition into a ferromagnetic state. Physica E: Low-Dimensional Systems and Nanostructures, 2000, 6, 288-292. | 1.3 | 5 |
| 136 | Temperature dependence of the quantum Hall effect in graphene. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 1089-1091. | 1.3 | 5 |
| 137 | Systematic study of doping dependence on linear magnetoresistance in PbTe . Applied Physics Letters, 2014, 105, . | 1.5 | 5 |
| 138 | Thermoelectric properties of $\text{GaAs/Ga}_{1-x}\text{Al}_x\text{As}$ heterojunctions in the fractional quantum Hall regime. Surface Science, 1994, 305, 91-95. | 0.8 | 4 |
| 139 | Ballistic phonon studies in the lowest Landau level. Physica E: Low-Dimensional Systems and Nanostructures, 2000, 6, 47-51. | 1.3 | 4 |
| 140 | Phonon excitation of a two-dimensional electron system around $\nu=1$. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 12, 474-477. | 1.3 | 4 |
| 141 | Magnetization of bilayer two-dimensional electron systems. New Journal of Physics, 2006, 8, 315-315. | 1.2 | 4 |
| 142 | High-Field Electronic Properties of Graphene. Journal of Low Temperature Physics, 2010, 159, 238-244. | 0.6 | 4 |
| 143 | Multi-band conduction behaviour at the interface of $\text{LaAlO}_3/\text{SrTiO}_3$ heterostructures. Journal of the Korean Physical Society, 2013, 63, 437-440. | 0.3 | 4 |
| 144 | Magnetic structure of the magnetoelectric material Ca_2O_7 . Physical Review B, 2017, 95, . | 1.1 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Synthesis and Magnetic Properties of Two-Step Coordination Schiff Base Clusters. European Journal of Inorganic Chemistry, 2021, 2021, 2611-2617. | 1.0 | 4 |
| 146 | Electrical switching of antiferromagnetic Co ₂ FePt across the Néel temperature. Applied Physics Letters, 2022, 120, 122405. | 1.5 | 4 |
| 147 | Extrinsic magnetoresistance in semiconductors. Physica B: Condensed Matter, 1995, 204, 90-94. | 1.3 | 3 |
| 148 | Thermoelectric power in the quantum-Hall regime at very low temperatures. Physica B: Condensed Matter, 1995, 211, 414-416. | 1.3 | 3 |
| 149 | Shot noise in tunneling through single localized states. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 12, 865-867. | 1.3 | 3 |
| 150 | Phonon Excitations of Composite-Fermion Landau Levels. Physical Review Letters, 2004, 93, 026801. | 2.9 | 3 |
| 151 | MAGNETIZATION OF A BILAYER 2D ELECTRON GAS. International Journal of Modern Physics B, 2004, 18, 3665-3670. | 1.0 | 3 |
| 152 | The Pulsed-Field Facility at HFML, Commissioning and First Results. IEEE Transactions on Applied Superconductivity, 2006, 16, 1664-1667. | 1.1 | 3 |
| 153 | Interaction effects observed in the magnetization of a bilayer two-dimensional electron system. Physica E: Low-Dimensional Systems and Nanostructures, 2006, 34, 191-194. | 1.3 | 3 |
| 154 | Magneto-transport in the zero-energy Landau level of single-layer and bilayer graphene. Journal of Physics: Conference Series, 2011, 334, 012035. | 0.3 | 3 |
| 155 | Magnetoresistance in the in-plane magnetic field induced semimetallic phase of inverted HgTe quantum wells. Physical Review B, 2019, 99, . | 1.1 | 3 |
| 156 | Quantum oscillations in an optically-illuminated two-dimensional electron system at the LaAlO ₃ /SrTiO ₃ interface. Journal of Physics Condensed Matter, 2021, 33, 465002. | 0.7 | 3 |
| 157 | Angle-resolved ballistic phonon absorption spectroscopy in the lowest Landau level. Physica B: Condensed Matter, 1998, 256-258, 36-42. | 1.3 | 2 |
| 158 | Phonon emission and absorption in the fractional quantum Hall effect. Physica B: Condensed Matter, 2001, 298, 164-168. | 1.3 | 2 |
| 159 | Magnetization of multi-component two-dimensional quantum-Hall systems. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 22, 86-89. | 1.3 | 2 |
| 160 | Hole and electron wave functions in self-assembled InAs quantum dots: a comparison. Physica Status Solidi (B): Basic Research, 2006, 243, 3942-3945. | 0.7 | 2 |
| 161 | AHARONOV-BOHM EFFECT IN THE QUANTUM HALL REGIME. International Journal of Modern Physics B, 2007, 21, 1404-1408. | 1.0 | 2 |
| 162 | Phonon and transport measurements in the fractional quantum Hall effect. Physica Status Solidi (B): Basic Research, 2008, 245, 409-420. | 0.7 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Capacitance-voltage spectroscopy on InAs quantum dot valence band states in tilted magnetic fields. Journal of Physics: Conference Series, 2010, 245, 012043. | 0.3 | 2 |
| 164 | Field-induced insulating states in a graphene superlattice. Physical Review B, 2019, 99, . | 1.1 | 2 |
| 165 | Intra-unitcell cluster-cluster magnetic compensation and large exchange bias in cubic alloys. Physical Review B, 2021, 104, . | 1.1 | 2 |
| 166 | Magnetic anisotropy of individually addressed spin states. Physical Review Research, 2021, 3, . | 1.3 | 2 |
| 167 | The high field magnetisation of the mixed-valence system HgSe:Fe. Physica B: Condensed Matter, 1995, 211, 381-383. | 1.3 | 1 |
| 168 | Universal behaviour of the thermoelectric power of composite fermions. Surface Science, 1996, 361-362, 46-49. | 0.8 | 1 |
| 169 | Phonon spectroscopy of the fractional quantum Hall effect. Physica Scripta, 1996, T66, 163-166. | 1.2 | 1 |
| 170 | Angle-resolved ballistic phonon absorption spectroscopy in the lowest Landau level. Physica B: Condensed Matter, 1999, 263-264, 196-198. | 1.3 | 1 |
| 171 | Comment on "Missing $2k_F$ Response for Composite Fermions in Phonon Drag". Physical Review Letters, 2002, 88, 149701; author reply 14702. | 2.9 | 1 |
| 172 | Variable-range hopping in the quantum Hall regime. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 12, 670-673. | 1.3 | 1 |
| 173 | Magnetoresistance of a modulated two-dimensional electron gas in a parallel magnetic field. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 13, 732-735. | 1.3 | 1 |
| 174 | PHONON EXCITATIONS OF COMPOSITE FERMION LANDAU LEVELS. International Journal of Modern Physics B, 2004, 18, 3857-3864. | 1.0 | 1 |
| 175 | Relative Specific Heat at $\nu = 1/2$ Measured in a Phonon Absorption Experiment. AIP Conference Proceedings, 2005, , . | 0.3 | 1 |
| 176 | Correlated electron states at level crossings of bilayer two-dimensional electron systems in tilted magnetic fields. Physica E: Low-Dimensional Systems and Nanostructures, 2006, 34, 179-182. | 1.3 | 1 |
| 177 | The High Magnetic Field Facilities at Nijmegen: Recent Results. International Journal of Modern Physics B, 2007, 21, 1131-1132. | 1.0 | 1 |
| 178 | Aharonov-Bohm effect of quantum Hall edge channels. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 1470-1472. | 1.3 | 1 |
| 179 | Antiferromagnetic interactions in a distorted cubane-type tetranuclear manganese cluster. Journal of Physics: Conference Series, 2010, 200, 022022. | 0.3 | 1 |
| 180 | Magnetoconductivity of metallic InSb in the extreme quantum limit. Physica B: Condensed Matter, 1990, 165-166, 301-302. | 1.3 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | Time-resolved phonon absorption in the fractional quantum Hall regime. <i>Surface Science</i> , 1996, 361-362, 34-37. | 0.8 | 0 |
| 182 | Even denominator filling factors in the thermoelectric power of a 2DEG. <i>European Physical Journal D</i> , 1996, 46, 2461-2462. | 0.4 | 0 |
| 183 | Singularities in tunneling through InAs dots in high magnetic fields. <i>Physica B: Condensed Matter</i> , 2001, 298, 272-276. | 1.3 | 0 |
| 184 | Transport anisotropies in a Si/SiGe heterostructure induced by an in-plane magnetic field. <i>Physica B: Condensed Matter</i> , 2001, 298, 501-504. | 1.3 | 0 |
| 185 | Singularities in Magneto-Tunneling through InAs Quantum Dots. <i>Physica Status Solidi (B): Basic Research</i> , 2001, 224, 689-692. | 0.7 | 0 |
| 186 | Steps on current-voltage characteristics of a silicon quantum dot covered by natural oxide. <i>JETP Letters</i> , 2002, 76, 568-571. | 0.4 | 0 |
| 187 | MAGNETIC FIELD ENHANCED BACKSCATTERING OF FOCUSED ELECTRONS IN MESOSCOPIC METALLIC BRIDGES. <i>International Journal of Modern Physics B</i> , 2004, 18, 3613-3616. | 1.0 | 0 |
| 188 | CYCLOTRON RESONANCE IN COUPLED BILAYERS IN HIGH MAGNETIC FIELDS. <i>International Journal of Modern Physics B</i> , 2007, 21, 1589-1593. | 1.0 | 0 |
| 189 | Magnetic anisotropy of thin sputtered MgB ₂ films on MgO substrates in high magnetic fields. <i>AIP Advances</i> , 2014, 4, 037115. | 0.6 | 0 |
| 190 | Insights on the origin of the TbGe magnetocaloric effect. <i>Physica B: Condensed Matter</i> , 2017, 513, 72-76. | 1.3 | 0 |
| 191 | Spin effects in InAs quantum dots: Tunneling experiments in tilted magnetic fields. <i>Springer Proceedings in Physics</i> , 2001, , 845-846. | 0.1 | 0 |
| 192 | High Magnetic Fields in Semiconductor Nanostructures: Spin Effects in Single InAs Quantum Dots. , 2002, , 3-12. | | 0 |