

Tomi Ohtsuki

List of Publications by Year in descending order

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158
papers

3,516
citations

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55
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160
docs citations

160
times ranked

1677
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Hyperuniform electron distributions controlled by electron interactions in quasicrystals. <i>Physical Review B</i> , 2022, 105, . | 1.1 | 6 |
| 2 | Unifying the Anderson transitions in Hermitian and non-Hermitian systems. <i>Physical Review Research</i> , 2022, 4, . | 1.3 | 21 |
| 3 | Deciphering quantum fingerprints in electric conductance. <i>Nature Communications</i> , 2022, 13, . | 5.8 | 3 |
| 4 | Universality Classes of the Anderson Transitions Driven by Non-Hermitian Disorder. <i>Physical Review Letters</i> , 2021, 126, 090402. | 2.9 | 48 |
| 5 | Machine learning the dynamics of quantum kicked rotor. <i>Annals of Physics</i> , 2021, 435, 168500. | 1.0 | 3 |
| 6 | Universality classes of the Anderson transition in the three-dimensional symmetry classes AIII, BDI, C, D, and CI. <i>Physical Review B</i> , 2021, 104, . | 1.1 | 11 |
| 7 | Transfer matrix study of the Anderson transition in non-Hermitian systems. <i>Physical Review B</i> , 2021, 104, . | 1.1 | 19 |
| 8 | Analysis of Kohn-Sham Eigenfunctions Using a Convolutional Neural Network in Simulations of the Metal-Insulator Transition in Doped Semiconductors. <i>Journal of the Physical Society of Japan</i> , 2021, 90, 094001. | 0.7 | 0 |
| 9 | Multicriticality of two-dimensional class-D disordered topological superconductors. <i>Physical Review B</i> , 2021, 104, . | 1.1 | 8 |
| 10 | Renormalization group analysis of Dirac fermions with a random mass. <i>Physical Review B</i> , 2021, 104, . | 1.1 | 2 |
| 11 | Drawing Phase Diagrams of Random Quantum Systems by Deep Learning the Wave Functions. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 022001. | 0.7 | 39 |
| 12 | Critical behavior of Anderson transitions in three-dimensional orthogonal classes with particle-hole symmetries. <i>Physical Review B</i> , 2020, 101, . | 1.1 | 8 |
| 13 | Ballistic transport in disordered Dirac and Weyl semimetals. <i>Physical Review Research</i> , 2020, 2, . | 1.3 | 4 |
| 14 | Application of Convolutional Neural Network to Quantum Percolation in Topological Insulators. <i>Journal of the Physical Society of Japan</i> , 2019, 88, 123704. | 0.7 | 15 |
| 15 | Multifractality and the distribution of the Kondo temperature at the Anderson transition. <i>European Physical Journal B</i> , 2019, 92, 1. | 0.6 | 6 |
| 16 | Quantum multicriticality in disordered Weyl semimetals. <i>Physical Review B</i> , 2018, 97, . | 1.1 | 17 |
| 17 | Critical Exponent of the Anderson Transition Using Massively Parallel Supercomputing. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 094703. | 0.7 | 31 |
| 18 | Unconventional scaling theory in disorder-driven quantum phase transition. <i>Physical Review B</i> , 2018, 98, . | 1.1 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Deep Learning the Quantum Phase Transitions in Random Electron Systems: Applications to Three Dimensions. Journal of the Physical Society of Japan, 2017, 86, 044708. | 0.7 | 60 |
| 20 | Phase Diagrams of Three-Dimensional Anderson and Quantum Percolation Models Using Deep Three-Dimensional Convolutional Neural Network. Journal of the Physical Society of Japan, 2017, 86, 113704. | 0.7 | 22 |
| 21 | Comparative study of Weyl semimetal and topological/Chern insulators: Thin-film point of view. Physical Review B, 2016, 94, . | 1.1 | 17 |
| 22 | Integer quantum magnon Hall plateau-plateau transition in a spin-ice model. Physical Review B, 2016, 94, . | 1.1 | 31 |
| 23 | Estimate of the Critical Exponent of the Anderson Transition in the Three and Four-Dimensional Unitary Universality Classes. Journal of the Physical Society of Japan, 2016, 85, 104712. | 0.7 | 15 |
| 24 | Deep Learning the Quantum Phase Transitions in Random Two-Dimensional Electron Systems. Journal of the Physical Society of Japan, 2016, 85, 123706. | 0.7 | 113 |
| 25 | Effect of Disorder in a Three-Dimensional Layered Chern Insulator. Physical Review Letters, 2016, 116, 066401. | 2.9 | 84 |
| 26 | Modification and Control of Topological Insulator Surface States Using Surface Disorder. Physical Review Applied, 2015, 3, . | 1.5 | 29 |
| 27 | Dimensional crossover of transport characteristics in topological insulator nanofilms. Physical Review B, 2015, 92, . | 1.1 | 17 |
| 28 | Low-energy $\hat{1}/4$ SR Study on the Tetradymite Topological Insulator $\text{Bi}_{1.5}\text{Sb}_{0.5}\text{TeSe}_2$. Physics Procedia, 2015, 75, 100-105. | 1.2 | 0 |
| 29 | Engineering Dirac electrons emergent on the surface of a topological insulator. Science and Technology of Advanced Materials, 2015, 16, 014403. | 2.8 | 2 |
| 30 | Critical exponent for the Anderson transition in the three-dimensional orthogonal universality class. New Journal of Physics, 2014, 16, 015012. | 1.2 | 111 |
| 31 | Density of States Scaling at the Semimetal to Metal Transition in Three Dimensional Topological Insulators. Physical Review Letters, 2014, 112, 016402. | 2.9 | 145 |
| 32 | Near-field optical imaging of light localization in GaN nanocolumn system. Japanese Journal of Applied Physics, 2014, 53, 030301. | 0.8 | 14 |
| 33 | Disordered Weak and Strong Topological Insulators. Physical Review Letters, 2013, 110, 236803. | 2.9 | 97 |
| 34 | Anderson localization of light in two-dimensional random arrays of semiconductor nanocolumns. , 2013, , . | | 3 |
| 35 | Experimental proof of universal conductance fluctuation in quasi-one-dimensional epitaxial $\text{Bi}_{2-x}\text{Sb}_x\text{Se}_3$ wires. Physical Review B, 2013, 88, . | 1.1 | 17 |
| 36 | Random Lasing and Distributed Feedback Lasing in InGaN/GaN Nanocolumn Arrays. , 2013, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | FINITE SIZE SCALING OF THE CHALKER-CODDINGTON MODEL. International Journal of Modern Physics Conference Series, 2012, 11, 60-69. | 0.7 | 35 |
| 38 | Finite-size energy gap in weak and strong topological insulators. Physical Review B, 2012, 86, . | 1.1 | 42 |
| 39 | Anderson Localization. , 2012, , 86-110. | | 0 |
| 40 | FINITE SIZE SCALING OF THE CHALKER-CODDINGTON MODEL. , 2012, , . | | 0 |
| 41 | CRITICAL EXPONENT FOR THE QUANTUM SPIN HALL TRANSITION IN $\hat{a}_{\infty,2}$ NETWORK MODEL. , 2012, , . | | 0 |
| 42 | Anderson localization of light in a random configuration of semiconductor nanocolumns. Proceedings of SPIE, 2011, , . | 0.8 | 0 |
| 43 | Analysis of Anderson localization of light in GaN nanocolumns. , 2011, , . | | 0 |
| 44 | Anderson localization of light in two-dimensional random media. , 2011, , . | | 0 |
| 45 | Proposal for electrical detection of spin separation with in-plane magnetic field in mesoscopic Stern-Gerlach spin filter. , 2010, , . | | 0 |
| 46 | Light Localization in a Random Configuration of Dielectric Nanocolumns. , 2010, , . | | 0 |
| 47 | Light localization characteristics in a random configuration of dielectric cylindrical columns. Physical Review B, 2010, 82, . | 1.1 | 14 |
| 48 | Random laser action in GaN nanocolumns. Applied Physics Letters, 2010, 97, . | 1.5 | 77 |
| 49 | FINITE SIZE SCALING ANALYSIS OF THE ANDERSON TRANSITION. International Journal of Modern Physics B, 2010, 24, 1841-1854. | 1.0 | 27 |
| 50 | Conductance distributions in disordered quantum spin-Hall systems. Physical Review B, 2010, 82, . | 1.1 | 12 |
| 51 | Spin Polarized Transport and Spin Relaxation in Quantum Wires. Nanoscience and Technology, 2010, , 277-302. | 1.5 | 0 |
| 52 | Critical exponent for the quantum Hall transition. Physical Review B, 2009, 80, . | 1.1 | 122 |
| 53 | Transport properties in network models with perfectly conducting channels. Journal of Physics: Conference Series, 2009, 150, 022041. | 0.3 | 4 |
| 54 | Point-Contact Conductance in Asymmetric Chalker-Coddington Network Model. Journal of the Physical Society of Japan, 2009, 78, 084708. | 0.7 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 55 | Anderson localization of light in a random configuration of nanocolumns. Journal of Physics: Conference Series, 2009, 193, 012055. | 0.3 | 1 |
| 56 | The quantum Hall effect in narrow quantum wires. Physica Status Solidi (B): Basic Research, 2008, 245, 393-408. | 0.7 | 2 |
| 57 | Quantum transport properties of quantum Hall wires in the presence of correlated disorder. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 1072-1074. | 1.3 | 2 |
| 58 | Quantum transport in novel Chalker-Coddington model. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 1677-1680. | 1.3 | 13 |
| 59 | Conductance-plateau transitions in quantum Hall wires with spatially correlated random magnetic fields. Physical Review B, 2008, 78, . | 1.1 | 7 |
| 60 | Mesoscopic Hall effect driven by chiral spin order. Physical Review B, 2007, 75, . | 1.1 | 9 |
| 61 | Unconventional conductance plateau transitions in quantum Hall wires with spatially correlated disorder. Physical Review B, 2007, 75, . | 1.1 | 17 |
| 62 | Mesoscopic Hall Effect driven by Chiral Spin Order. AIP Conference Proceedings, 2007, , . | 0.3 | 0 |
| 63 | Spin-polarization induced by Rashba spin-orbit coupling in three-terminal devices. Physica E: Low-Dimensional Systems and Nanostructures, 2006, 32, 462-465. | 1.3 | 4 |
| 64 | Shubnikov-de Haas effect on conductance fluctuations in two-dimensional random magnetic fields. Physica E: Low-Dimensional Systems and Nanostructures, 2006, 34, 104-107. | 1.3 | 0 |
| 65 | Quantum transport phenomena in disordered electron systems with spin-orbit coupling in two dimensions and below. Physica E: Low-Dimensional Systems and Nanostructures, 2006, 34, 228-231. | 1.3 | 4 |
| 66 | Possible Anderson transition below two dimensions in disordered systems of noninteracting electrons. Physical Review B, 2006, 73, . | 1.1 | 12 |
| 67 | Spin-polarization in a 3-terminal conductor induced by Rashba spin-orbit coupling. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 29, 490-494. | 1.3 | 2 |
| 68 | Random network models and quantum phase transitions in two dimensions. Physics Reports, 2005, 417, 211-342. | 10.3 | 148 |
| 69 | Quantum transport properties of two-dimensional systems in disordered magnetic fields with a fixed sign. Physical Review B, 2005, 71, . | 1.1 | 3 |
| 70 | Nonchiral edge states at the chiral metal-insulator transition in disordered quantum Hall wires. Physical Review B, 2005, 72, . | 1.1 | 8 |
| 71 | Mesoscopic Stern-Gerlach spin filter by nonuniform spin-orbit interaction. Physical Review B, 2005, 72, . | 1.1 | 92 |
| 72 | Spin polarization in a T-shaped conductor induced by strong Rashba spin-orbit coupling. Physical Review B, 2005, 72, . | 1.1 | 53 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Anderson Transition in the Three Dimensional Symplectic Universality Class. Journal of the Physical Society of Japan, 2005, 74, 238-241. | 0.7 | 25 |
| 74 | EFFECT OF A INVASIVE VOLTAGE PROBE ON THE SPIN POLARIZED CURRENT. , 2005, , . | | 0 |
| 75 | Numerical estimation of the $\hat{\rho}^2$ function in two-dimensional systems with spin-orbit coupling. Physical Review B, 2004, 70, . | 1.1 | 61 |
| 76 | The mesoscopic chiral metal-insulator transition. JETP Letters, 2004, 80, 285-289. | 0.4 | 5 |
| 77 | Conductance distribution at two-dimensional Anderson transitions. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 22, 248-251. | 1.3 | 12 |
| 78 | Spin-polarized current induced by three terminal geometry. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 22, 430-433. | 1.3 | 0 |
| 79 | Complete Scaling Analysis of the Metal-Insulator Transition in Ge:Ga: Effects of Doping-Compensation and Magnetic Field. Journal of the Physical Society of Japan, 2004, 73, 173-183. | 0.7 | 28 |
| 80 | Localization in the quantum Hall regime. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 20, 172-187. | 1.3 | 27 |
| 81 | The Anderson transition due to random spin-orbit coupling in 2D. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 18, 274-275. | 1.3 | 1 |
| 82 | Single parameter scaling of the conductance distribution in mesoscopic conductors. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 18, 282-283. | 1.3 | 0 |
| 83 | Transport properties of two-dimensional electrons in periodically modulated magnetic fields. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 18, 153-154. | 1.3 | 0 |
| 84 | Quantum Percolation and the Anderson Transition. Journal of the Physical Society of Japan, 2003, 72, 141-142. | 0.7 | 2 |
| 85 | Conductance fluctuations in the presence of spin scattering. Physical Review B, 2003, 68, . | 1.1 | 10 |
| 86 | Scaling of the conductance distribution near the Anderson transition. Physical Review B, 2003, 67, . | 1.1 | 35 |
| 87 | Magnetotransport in inhomogeneous magnetic fields. Physical Review B, 2003, 67, . | 1.1 | 3 |
| 88 | Scaling and Fluctuations of the Lyapunov Exponent in a 2D Anderson Localisation Problem. Journal of the Physical Society of Japan, 2003, 72, 173-174. | 0.7 | 1 |
| 89 | Transport Properties of Two Dimensional Electrons in Magnetic Fields with Sine-Like Modulation. Journal of the Physical Society of Japan, 2003, 72, 594-598. | 0.7 | 1 |
| 90 | Electron Transport and Time-Dependent Perturbation in a Two-Dimensional Symplectic System. Journal of the Physical Society of Japan, 2003, 72, 645-649. | 0.7 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | The Critical Exponents of the 2D and 3D Anderson Transitions. Journal of the Physical Society of Japan, 2003, 72, 65-66. | 0.7 | 0 |
| 92 | The Chiral Symplectic Universality Class. Journal of the Physical Society of Japan, 2003, 72, 145-146. | 0.7 | 4 |
| 93 | Effects of Magnetic Field Applied on Leads. Journal of the Physical Society of Japan, 2003, 72, 155-156. | 0.7 | 1 |
| 94 | Spin-Dependent Electron Transport Through a Ferromagnetic Domain Wall. Journal of the Physical Society of Japan, 2003, 72, 209-210. | 0.7 | 2 |
| 95 | Time-Dependent Perturbation in Two-Dimensional Disordered Symplectic Systems: Dephasing and Scaling. Journal of the Physical Society of Japan, 2003, 72, 185-186. | 0.7 | 2 |
| 96 | Anderson Transition in Two-Dimensional Systems with Spin-Orbit Coupling. Physical Review Letters, 2002, 89, 256601. | 2.9 | 108 |
| 97 | Dephasing by Time-Dependent Random Potentials. Journal of the Physical Society of Japan, 2002, 71, 2074-2074. | 0.7 | 0 |
| 98 | Numerical verification of universality for the Anderson transition. Physical Review B, 2001, 63, . | 1.1 | 28 |
| 99 | Reconciling Conductance Fluctuations and the Scaling Theory of Localization. Physical Review Letters, 2001, 86, 3594-3597. | 2.9 | 86 |
| 100 | Effect of boundary conditions at the Anderson transition. Physica B: Condensed Matter, 2000, 284-288, 1549-1550. | 1.3 | 2 |
| 101 | Topology Dependent Quantities at the Anderson Transition. Physical Review Letters, 2000, 84, 3915-3918. | 2.9 | 49 |
| 102 | Slevin and Ohtsuki Reply:. Physical Review Letters, 1999, 82, 669-669. | 2.9 | 19 |
| 103 | Review of recent progress on numerical studies of the Anderson transition. Annalen Der Physik, 1999, 8, 655-664. | 0.9 | 27 |
| 104 | Corrections to Scaling at the Anderson Transition. Physical Review Letters, 1999, 82, 382-385. | 2.9 | 265 |
| 105 | Numerical study on Anderson transitions in three-dimensional disordered systems in random magnetic fields. Annalen Der Physik, 1999, 8, 487-496. | 0.9 | 4 |
| 106 | Three-Dimensional Quantum Percolation Studied by Level Statistics. Journal of the Physical Society of Japan, 1999, 68, 1488-1491. | 0.7 | 24 |
| 107 | Numerical study on Anderson transitions in three-dimensional disordered systems in random magnetic fields. , 1999, 8, 487. | | 1 |
| 108 | Review of recent progress on numerical studies of the Anderson transition. , 1999, 8, 655. | | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Numerical study on Anderson transitions in three-dimensional disordered systems in random magnetic fields. <i>Annalen Der Physik</i> , 1999, 511, 487-496. | 0.9 | 0 |
| 110 | Review of recent progress on numerical studies of the Anderson transition. <i>Annalen Der Physik</i> , 1999, 511, 655-664. | 0.9 | 3 |
| 111 | Novel Scaling Relation of the Energy Spacing Distribution in Quantum-Hall Systems. <i>Physica Status Solidi (B): Basic Research</i> , 1998, 205, 373-376. | 0.7 | 3 |
| 112 | Numerical study of inelastic scatterings by time-dependent random potentials in two-dimensional systems. <i>Physica B: Condensed Matter</i> , 1998, 249-251, 801-804. | 1.3 | 3 |
| 113 | Anderson transitions in a random magnetic field. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 11547-11550. | 0.7 | 3 |
| 114 | Universal conductance distribution in three-dimensional systems in high magnetic fields. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 11337-11343. | 0.7 | 1 |
| 115 | Anderson transitions in three-dimensional disordered systems with randomly varying magnetic flux. <i>Physical Review B</i> , 1998, 57, 11842-11845. | 1.1 | 28 |
| 116 | Transport in Two Dimensional Periodic Magnetic Fields. <i>Journal of the Physical Society of Japan</i> , 1998, 67, 3886-3890. | 0.7 | 3 |
| 117 | Anderson Transition of Three Dimensional Phonon Modes. <i>Journal of the Physical Society of Japan</i> , 1998, 67, 2954-2955. | 0.7 | 9 |
| 118 | The Anderson Transition: Time Reversal Symmetry and Universality. <i>Physical Review Letters</i> , 1997, 78, 4083-4086. | 2.9 | 138 |
| 119 | Anomalous Diffusion at the Anderson Transitions. <i>Journal of the Physical Society of Japan</i> , 1997, 66, 314-317. | 0.7 | 76 |
| 120 | Dephasing by Time-Dependent Random Potentials. <i>Journal of the Physical Society of Japan</i> , 1997, 66, 949-952. | 0.7 | 16 |
| 121 | Scaling Behavior of Level Statistics in Quantum Hall Regime. <i>Journal of the Physical Society of Japan</i> , 1996, 65, 1734-1743. | 0.7 | 7 |
| 122 | Diffusion of electrons in two-dimensional disordered symplectic systems. <i>Physical Review B</i> , 1996, 53, 6975-6978. | 1.1 | 44 |
| 123 | Anderson Transition in Three-Dimensional Disordered Systems with Symplectic Symmetry. <i>Physical Review Letters</i> , 1996, 77, 3593-3596. | 2.9 | 54 |
| 124 | Critical Level Statistics in Two-Dimensional Disordered Electron Systems. <i>Journal of the Physical Society of Japan</i> , 1995, 64, 4088-4091. | 0.7 | 20 |
| 125 | Diffusion of electrons in random magnetic fields. <i>Physical Review B</i> , 1995, 51, 10897-10904. | 1.1 | 55 |
| 126 | Two-Dimensional Tight-Binding Electrons in Electric and Magnetic Fields. <i>Journal of the Physical Society of Japan</i> , 1995, 64, 2092-2099. | 0.7 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Equilibrium and Non-Equilibrium Current in the Quantum Hall Regime. , 1995, , 143-150. | | 0 |
| 128 | Anderson Transition in Homogeneous and Random Magnetic Fields. , 1995, , 21-29. | | 1 |
| 129 | Anderson Transition in a Strong Magnetic Field. Europhysics Letters, 1994, 27, 389-394. | 0.7 | 47 |
| 130 | Metal-Insulator Transition in Three-Dimensional Systems with Random Phase Hopping. Journal of the Physical Society of Japan, 1994, 63, 685-694. | 0.7 | 16 |
| 131 | Anderson transition in layered systems in quantizing magnetic fields. Physica B: Condensed Matter, 1993, 184, 26-29. | 1.3 | 1 |
| 132 | Electronic states of a two-dimensional tight-binding model in electric and magnetic fields. Physica B: Condensed Matter, 1993, 184, 310-313. | 1.3 | 1 |
| 133 | Anderson Transition in Three-Dimensional Systems in Strong Magnetic Fields. Journal of the Physical Society of Japan, 1993, 62, 224-238. | 0.7 | 34 |
| 134 | Conductance Fluctuations in Two-Dimensional Systems in Random Magnetic Fields. Journal of the Physical Society of Japan, 1993, 62, 3979-3987. | 0.7 | 11 |
| 135 | Scaling Behavior of Level Spacing Distribution in the Lowest Landau Band of Two-Dimensional Disordered Electrons. Journal of the Physical Society of Japan, 1993, 62, 3813-3817. | 0.7 | 16 |
| 136 | Stark Ladders in a Two-Dimensional Tight-Binding Lattice. Journal of the Physical Society of Japan, 1993, 62, 2773-2782. | 0.7 | 14 |
| 137 | Level Spacing Distribution and $\hat{\rho}^3$ -Statistics of Two Dimensional Disordered Electrons in Strong Magnetic Field. Journal of the Physical Society of Japan, 1993, 62, 2762-2772. | 0.7 | 14 |
| 138 | Electronic states in disordered layered systems in the quantum Hall regime. Surface Science, 1992, 263, 134-136. | 0.8 | 6 |
| 139 | Two-rippion processes of electrons on the liquid 4He surface. Surface Science, 1992, 263, 671-673. | 0.8 | 0 |
| 140 | Numerical evaluation of the critical behavior at the metal-insulator transition in a magnetic field. Solid State Communications, 1992, 81, 477-480. | 0.9 | 21 |
| 141 | Electronic States in 2D Random Systems in High Magnetic Fields. Springer Series in Solid-state Sciences, 1992, , 60-69. | 0.3 | 4 |
| 142 | Effect of Disorder and Gate Barrier on Edge States. Springer Series in Solid-state Sciences, 1992, , 123-126. | 0.3 | 0 |
| 143 | Analysis of Two Dimensional Electronic States in Strong Magnetic Field by Random Matrix Model. Journal of the Physical Society of Japan, 1991, 60, 270-279. | 0.7 | 18 |
| 144 | Hall Current Distributions in Quantum Hall Effect on Finite Cylinder Surface. II. Gate Barrier Effect. Journal of the Physical Society of Japan, 1990, 59, 637-648. | 0.7 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Inverse Participation Number and Fractal Dimensionality of Electronic States in a Two Dimensional System in Strong Perpendicular Magnetic Field. Journal of the Physical Society of Japan, 1989, 58, 1705-1716. | 0.7 | 61 |
| 146 | Quantum Hall Conductivity and the Electronic States in Cylinder Geometry with Finite Width. Journal of the Physical Society of Japan, 1989, 58, 956-968. | 0.7 | 33 |
| 147 | Hall Current Distributions in Quatum Hall Effect on Finite Cylinder Surface. Journal of the Physical Society of Japan, 1989, 58, 2482-2494. | 0.7 | 15 |
| 148 | Potential Range Dependence of Mixing of Edge States in Quantum Hall Effect. Journal of the Physical Society of Japan, 1989, 58, 3863-3864. | 0.7 | 22 |
| 149 | Electronic States in Two-Dimensional Random Systems in the Presence of a Strong Magnetic Field. Springer Series in Solid-state Sciences, 1989, , 24-35. | 0.3 | 0 |
| 150 | Numerical study of electronic states in confined two dimensional disordered systems under high magnetic fields. Solid State Communications, 1988, 65, 403-407. | 0.9 | 31 |
| 151 | Comments on the quantum hall conductivity in cylinder geometry with finite width. Solid State Communications, 1988, 68, 787-790. | 0.9 | 17 |
| 152 | On the fractal dimensionality of the extended states in disordered two-dimensional systems in a strong magnetic field. Surface Science, 1988, 196, 127-133. | 0.8 | 31 |
| 153 | Edge and Bulk Extended States in Two-Dimensional Disordered Electronic Systems in Strong Magnetic Fields. Springer Proceedings in Physics, 1988, , 260-263. | 0.1 | 0 |
| 154 | The hall current distribution in a two dimensional system with finite width. European Physical Journal B, 1987, 68, 445-450. | 0.6 | 22 |
| 155 | Anderson Transition Induced by Strong Magnetic Fields. Springer Series in Solid-state Sciences, 1987, , 377-380. | 0.3 | 0 |
| 156 | Two-parameter scaling function in two-dimensional Anderson localization under weak magnetic fields. Surface Science, 1986, 170, 714-718. | 0.8 | 2 |
| 157 | Two-parameter scaling function in two-dimensional Anderson localization under weak magnetic fields. Surface Science Letters, 1986, 170, A261. | 0.1 | 0 |
| 158 | Magnetic Field Induced Localization in Three Dimensional Metallic Systems. Journal of the Physical Society of Japan, 1986, 55, 2343-2356. | 0.7 | 9 |