

# Rudolf A RÄjmer

## List of Publications by Year in descending order

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175  
papers

3,331  
citations

172457

29  
h-index

197818

49  
g-index

180  
all docs

180  
docs citations

180  
times ranked

2287  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Uwe Grimm (1963–2021). Acta Crystallographica Section A: Foundations and Advances, 2022, 78, 63-64.   | 0.1 | 0         |
| 2  | Characterizing flexibility and mobility in the natural mutations of the SARS-CoV-2 spikes. Journal of Physics: Conference Series, 2022, 2207, 012016.                                       | 0.4 | 0         |
| 3  | Loschmidt echo singularities as dynamical signatures of strongly localized phases. New Journal of Physics, 2021, 23, 023030.  | 2.9 | 6         |
| 4  | Flexibility and mobility of SARS-CoV-2-related protein structures. Scientific Reports, 2021, 11, 4257.  | 3.3 | 16        |
| 5  | A new electron diffraction approach for structure refinement applied to $\text{Ca}_3\text{Mn}_2\text{O}_7$ . Acta Crystallographica Section A: Foundations and Advances, 2021, 77, 196-207. | 0.1 | 2         |
| 6  | The microscopic picture of the integer quantum Hall regime. Annals of Physics, 2021, 435, 168541.   | 2.8 | 2         |
| 7  | Quench dynamics of quasi-periodic systems exhibiting Rabi oscillations of two-level integrals of motion. Annals of Physics, 2021, , 168545.   | 2.8 | 1         |
| 8  | Localization properties in Lieb lattices and their extensions. Annals of Physics, 2021, 435, 168544.  | 2.8 | 6         |
| 9  | Gaussian orthogonal ensemble for quasiperiodic tilings without unfolding: $\langle r \rangle$ -value statistics. Physical Review B, 2021, 104, .  | 3.2 | 7         |
| 10 | Disorder effects in the two-dimensional Lieb lattice and its extensions. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 124, 114340.  | 2.7 | 15        |
| 11 | Localization, phases, and transitions in three-dimensional extended Lieb lattices. Physical Review B, 2020, 102, .  | 3.2 | 11        |
| 12 | Microscopic details of stripes and bubbles in the quantum Hall regime. Physical Review B, 2020, 102, .  | 3.2 | 4         |
| 13 | Few-Layer $\hat{I}^2$ - $\langle \text{SnSe} \rangle$ with Strong Visible Light Absorbance and Ultrahigh Carrier Mobility. Physical Review Applied, 2020, 13, .                             | 3.8 | 8         |
| 14 | Spin-selective Aharonov-Casher caging in a topological quantum network. Physical Review B, 2019, 100, .   | 3.2 | 2         |
| 15 | A type of robust superlattice type-I Weyl semimetal with four Weyl nodes. Nanoscale, 2019, 11, 18358-18366.   | 5.6 | 12        |
| 16 | Ge3P2: New viable two-dimensional semiconductors with ultrahigh carrier mobility. Applied Surface Science, 2019, 497, 143803.   | 6.1 | 17        |
| 17 | Spin-polarized localization in a magnetized chain. Scientific Reports, 2019, 9, 5930.   | 3.3 | 1         |
| 18 | Resolution of the exponent puzzle for the Anderson transition in doped semiconductors. Physical Review B, 2019, 99, .   | 3.2 | 10        |

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|----|---|------|-----------|
| 19 | Multifractality of ab initio wave functions in doped semiconductors. Physica E: Low-Dimensional Systems and Nanostructures, 2019, 111, 141-147.   | 2.7  | 8         |
| 20 | Structure refinement from $\tilde{\text{digital}}$ ™ large angle convergent beam electron diffraction patterns. Ultramicroscopy, 2019, 198, 1-9.  | 1.9  | 8         |
| 21 | Allotropes of Phosphorus with Remarkable Stability and Intrinsic Piezoelectricity. Physical Review Applied, 2018, 9, .  | 3.8  | 16        |
| 22 | Lattice thermal conductivity of graphene nanostructures. Carbon, 2018, 127, 64-69.  | 10.3 | 19        |
| 23 | Flux-driven and geometry-controlled spin filtering for arbitrary spins in aperiodic quantum networks. Physical Review B, 2018, 98, .  | 3.2  | 6         |
| 24 | Touching proteins with virtual bare hands. Journal of Computer-Aided Molecular Design, 2018, 32, 703-709.   | 2.9  | 27        |
| 25 | Exchange-mediated dynamic screening in the integer quantum Hall effect regime. Europhysics Letters, 2017, 117, 57009.   | 2.0  | 8         |
| 26 | Manifestation of many-body interactions in the integer quantum Hall effect regime. Physical Review B, 2017, 96, .   | 3.2  | 8         |
| 27 | $\tilde{\text{Something in the way she moves}}$ ™: The functional significance of flexibility in the multiple roles of protein disulfide isomerase (PDI). Biochimica Et Biophysica Acta - Proteins and Proteomics, 2017, 1865, 1383-1394. | 2.3  | 58        |
| 28 | Nonequilibrium transport through a disordered molecular nanowire. Physical Review B, 2017, 95, .  | 3.2  | 8         |
| 29 | Spin-polarized electric current in silicene nanoribbons induced by atomic adsorption. Physical Review B, 2017, 96, .  | 3.2  | 12        |
| 30 | Rogue wave generation by inelastic quasi-soliton collisions in optical fibres. Optics Express, 2017, 25, 28086.   | 3.4  | 8         |
| 31 | Higher-order local and non-local correlations for 1D strongly interacting Bose gas. New Journal of Physics, 2016, 18, 055014.   | 2.9  | 21        |
| 32 | The flexibility and dynamics of protein disulfide isomerase. Proteins: Structure, Function and Bioinformatics, 2016, 84, 1776-1785.   | 2.6  | 24        |
| 33 | Dimensionless ratios: Characteristics of quantum liquids and their phase transitions. Physical Review B, 2016, 94, .  | 3.2  | 12        |
| 34 | Spin filter for arbitrary spins by substrate engineering. Journal of Physics Condensed Matter, 2016, 28, 335301.  | 1.8  | 8         |
| 35 | Silicene-based spin-filter device: impact of random vacancies. 2D Materials, 2016, 3, 025006.   | 4.4  | 22        |
| 36 | Imaging of Condensed Quantum States in the Quantum Hall Effect Regime. Physics Procedia, 2015, 75, 314-325.   | 1.2  | 3         |

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|----|--|-----|-----------|
| 37 | Using entanglement to discern phases in the disordered one-dimensional Bose-Hubbard model. <i>Europhysics Letters</i> , 2015, 111, 26004.  | 2.0 | 11        |
| 38 | Characterization of Folding Cores in the Cyclophilin A-Cyclosporin A Complex. <i>Biophysical Journal</i> , 2015, 108, 1739-1746.   | 0.5 | 4         |
| 39 | Leaf-to-leaf distances and their moments in finite and infinite ordered m -ary tree graphs. <i>Physical Review E</i> , 2015, 91, 042133.   | 2.1 | 1         |
| 40 | Does deamidation cause protein unfolding? A top-down tandem mass spectrometry study. <i>Protein Science</i> , 2015, 24, 850-860.   | 7.6 | 21        |
| 41 | Self-assembling tensor networks and holography in disordered spin chains. <i>Physical Review B</i> , 2014, 89, .   | 3.2 | 23        |
| 42 | Digital electron diffraction – seeing the whole picture. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2013, 69, 427-434.                                  | 0.3 | 17        |
| 43 | Localisation and finite-size effects in graphene flakes. <i>Europhysics Letters</i> , 2013, 104, 17012.  | 2.0 | 7         |
| 44 | Robust signatures in the current-voltage characteristics of DNA molecules oriented between two graphene nanoribbon electrodes. <i>New Journal of Physics</i> , 2012, 14, 093049. | 2.9 | 23        |
| 45 | Localization-delocalization transition for disordered cubic harmonic lattices. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 405401.                                    | 1.8 | 14        |
| 46 | Controlled engineering of extended states in disordered systems. <i>Physical Review B</i> , 2012, 86, .  | 3.2 | 27        |
| 47 | Inhibition of HIV-1 protease: the rigidity perspective. <i>Bioinformatics</i> , 2012, 28, 350-357.   | 4.1 | 28        |
| 48 | The interplay of mutations and electronic properties in disease-related genes. <i>Scientific Reports</i> , 2012, 2, 272.   | 3.3 | 13        |
| 49 | Anderson universality in a model of disordered phonons. <i>Europhysics Letters</i> , 2012, 97, 16007.  | 2.0 | 25        |
| 50 | Robust Nodal Structure of Landau Level Wave Functions Revealed by Fourier Transform Scanning Tunneling Spectroscopy. <i>Physical Review Letters</i> , 2012, 109, 116805.         | 7.8 | 27        |
| 51 | Rapid simulation of protein motion: merging flexibility, rigidity and normal mode analyses. <i>Physical Biology</i> , 2012, 9, 016008.   | 1.8 | 34        |
| 52 | Universal multifractal behaviour for phonons and electrons at the Anderson transition. , 2012, , .   |     | 0         |
| 53 | Protein flexibility is key to cisplatin crosslinking in calmodulin. <i>Protein Science</i> , 2012, 21, 1269-1279.  | 7.6 | 36        |
| 54 | Magnetoplasmons and SU(4) symmetry in graphene. <i>Journal of Physics: Conference Series</i> , 2011, 286, 012054.  | 0.4 | 2         |

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|----|---|-----|-----------|
| 55 | Integration of FIRST, FRODA and NMM in a coarse grained method to study Protein Disulphide Isomerase conformational change. Journal of Physics: Conference Series, 2011, 286, 012002. | 0.4 | 3         |
| 56 | Rigidity analysis of HIV-1 protease. Journal of Physics: Conference Series, 2011, 286, 012006.  | 0.4 | 2         |
| 57 | Study of the localization-delocalization transition for phonons via transfer matrix method techniques. Journal of Physics: Conference Series, 2011, 286, 012025.                      | 0.4 | 4         |
| 58 | Excitonic Aharonov-Bohm effect in a two-dimensional quantum ring. Physical Review B, 2011, 84, .  | 3.2 | 34        |
| 59 | Charge transport in cancer-related genes and early carcinogenesis. Computer Physics Communications, 2011, 182, 36-38.   | 7.5 | 10        |
| 60 | Magnetoplasmons bound to short-range impurities in graphene: Symmetries and optics. Physical Review B, 2011, 84, .  | 3.2 | 4         |
| 61 | Multifractal finite-size scaling and universality at the Anderson transition. Physical Review B, 2011, 84, .  | 3.2 | 120       |
| 62 | The Random Phase Property and the Lyapunov Spectrum for Disordered Multi-channel Systems. Journal of Statistical Physics, 2010, 140, 122-153.   | 1.2 | 8         |
| 63 | On the structure and topography of free-standing chemically modified graphene. New Journal of Physics, 2010, 12, 125010.  | 2.9 | 49        |
| 64 | Critical Parameters from a Generalized Multifractal Analysis at the Anderson Transition. Physical Review Letters, 2010, 105, 046403.  | 7.8 | 95        |
| 65 | Symmetry content and spectral properties of charged collective excitations for graphene in strong magnetic fields. Europhysics Letters, 2010, 92, 37003.                              | 2.0 | 5         |
| 66 | Localized collective excitations in doped graphene in strong magnetic fields. Physical Review B, 2009, 80, .  | 3.2 | 8         |
| 67 | Localised magneto-optical collective excitations of impure graphene. Annalen Der Physik, 2009, 18, 944-948.   | 2.4 | 3         |
| 68 | Scaling law and critical exponent for $\hat{\nu}$ at the 3D Anderson transition. Annalen Der Physik, 2009, 18, 901-904.   | 2.4 | 3         |
| 69 | Optimisation of multifractal analysis at the 3D Anderson transition using box-size scaling. European Physical Journal B, 2009, 67, 77-82.   | 1.5 | 11        |
| 70 | MODELLING CHARGE TRANSPORT IN DNA USING TRANSFER MATRICES WITH DIAGONAL TERMS. International Journal of Modern Physics B, 2009, 23, 4138-4149.  | 2.0 | 13        |
| 71 | Comparative analysis of rigidity across protein families. Physical Biology, 2009, 6, 046005.  | 1.8 | 39        |
| 72 | Exciton Storage in a Nanoscale Aharonov-Bohm Ring with Electric Field Tuning. Physical Review Letters, 2009, 102, 096405.   | 7.8 | 53        |

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|----|---|-----|-----------|
| 73 | Multifractal Analysis with the Probability Density Function at the Three-Dimensional Anderson Transition. <i>Physical Review Letters</i> , 2009, 102, 106406.                           | 7.8 | 66        |
| 74 | Quantum Percolation in the Quantum Hall Regime. <i>Lecture Notes in Physics</i> , 2009, , 1-31.   | 0.7 | 4         |
| 75 | MODELLING CHARGE TRANSPORT IN DNA USING TRANSFER MATRICES WITH DIAGONAL TERMS. , 2009, , .  |     | 0         |
| 76 | Kubo conductivity in the IQHE regime within Hartree-Fock. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2008, 5, 842-847.                                     | 0.8 | 2         |
| 77 | Hartree-Fock interactions in the integer quantum Hall effect. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 336-343.  | 1.5 | 4         |
| 78 | Quantum Hall Transition in Real Space: From Localized to Extended States. <i>Physical Review Letters</i> , 2008, 101, 256802.   | 7.8 | 132       |
| 79 | On Large-Scale Diagonalization Techniques for the Anderson Model of Localization. <i>SIAM Review</i> , 2008, 50, 91-112.  | 9.5 | 136       |
| 80 | Critical parameters for the disorder-induced metal-insulator transition in fcc and bcc lattices. <i>Physical Review B</i> , 2008, 77, .   | 3.2 | 17        |
| 81 | Multifractal analysis of the metal-insulator transition in the three-dimensional Anderson model. II. Symmetry relation under ensemble averaging. <i>Physical Review B</i> , 2008, 78, . | 3.2 | 56        |
| 82 | Point-Mutation Effects on Charge-Transport Properties of the Tumor-Suppressor Gene $p53$ . <i>Physical Review Letters</i> , 2008, 100, 018105.  | 7.8 | 57        |
| 83 | Multifractal analysis of the metal-insulator transition in the three-dimensional Anderson model. I. Symmetry relation under typical averaging. <i>Physical Review B</i> , 2008, 78, .   | 3.2 | 67        |
| 84 | Compressibility stripes for mesoscopic quantum Hall samples. <i>New Journal of Physics</i> , 2007, 9, 97-97.  | 2.9 | 25        |
| 85 | El Niño and the delayed action oscillator. <i>American Journal of Physics</i> , 2007, 75, 15-24.  | 0.7 | 51        |
| 86 | Tight-Binding Modeling of Charge Migration in DNA Devices. <i>Nanoscience and Technology</i> , 2007, , 1-20.  | 1.5 | 19        |
| 87 | Two-peak soliton in the CKP hierarchy. <i>Chaos, Solitons and Fractals</i> , 2007, 31, 343-346.   | 5.1 | 1         |
| 88 | On large-scale diagonalization techniques for the Anderson model of localization. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2007, 7, 1021003-1021004.                   | 0.2 | 0         |
| 89 | On Large-Scale Diagonalization Techniques for the Anderson Model of Localization. <i>SIAM Journal of Scientific Computing</i> , 2006, 28, 963-983.                                      | 2.8 | 27        |
| 90 | Compressibility in the integer Quantum Hall Effect within Hartree-Fock approximation. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 313-316.         | 0.8 | 7         |

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|-----|---|-----|-----------|
| 91  | Scaling at the energy-driven metal-insulator transition and the thermoelectric power. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 334-338.         | 0.8 | 2         |
| 92  | Sequence dependence of electronic transport in DNA. Physica Status Solidi (B): Basic Research, 2006, 243, 373-377.  | 1.5 | 10        |
| 93  | Solving bi-directional soliton equations in the KP hierarchy by gauge transformation. Journal of High Energy Physics, 2006, 2006, 103-103.                                      | 4.7 | 14        |
| 94  | Electronic transport and localization in short and long DNA. , 2006, , 407-427.   |     | 3         |
| 95  | Fine Structure of the Integrated Density of States for Bernoulli-Anderson Models. , 2006, , 267-280.  |     | 0         |
| 96  | Effects of Scale-Free Disorder on the Metal-Insulator Transition. AIP Conference Proceedings, 2005, , .   | 0.4 | 0         |
| 97  | Electronic Transport in DNA - the Disorder Perspective. AIP Conference Proceedings, 2005, , .   | 0.4 | 2         |
| 98  | REAL-SPACE RENORMALIZATION-GROUP APPROACH TO THE INTEGER QUANTUM HALL EFFECT. International Journal of Modern Physics B, 2005, 19, 2085-2119.                                   | 2.0 | 8         |
| 99  | Aharonov-Bohm effect for an exciton in a finite-width nanoring. Physical Review B, 2005, 72, .  | 3.2 | 17        |
| 100 | Electronic Transport in DNA. Biophysical Journal, 2005, 89, 2187-2198.  | 0.5 | 178       |
| 101 | The Anderson metal-insulator transition in the presence of scale-free disorder. Europhysics Letters, 2004, 68, 678-684.   | 2.0 | 25        |
| 102 | Weak-disorder expansion for localization lengths of quasi-1D systems. Europhysics Letters, 2004, 68, 247-253.   | 2.0 | 43        |
| 103 | Exponents of the localization length in the 2D Anderson model with off-diagonal disorder. Physica Status Solidi (B): Basic Research, 2004, 241, 2079-2088.                      | 1.5 | 13        |
| 104 | Fluctuating Hall resistance defeats the quantized Hall insulator. Europhysics Letters, 2004, 66, 104-110.   | 2.0 | 8         |
| 105 | Comparing measured and calculated local density of states in a disordered two-dimensional electron system. Physica B: Condensed Matter, 2003, 329-333, 1536-1537.               | 2.7 | 1         |
| 106 | Renormalization group approach to the energy level statistics at the integer quantum Hall transition. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 18, 126-127. | 2.7 | 0         |
| 107 | Correlation measures of the Calogero-Sutherland model at T=0. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 18, 356-357.   | 2.7 | 0         |
| 108 | Renormalization group approach to energy level statistics at the integer quantum Hall transition. Physical Review B, 2003, 67, .  | 3.2 | 22        |

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|-----|---|-----|-----------|
| 109 | Three-dimensional Anderson model of localization with binary random potential. Physical Review B, 2003, 68, .   | 3.2 | 14        |
| 110 | Magnetotransport in periodic and quasiperiodic arrays of mesoscopic rings. Physical Review B, 2003, 68, .   | 3.2 | 22        |
| 111 | Low Density Two-Dimensional Electron Systems Studied by Scanning Tunneling Spectroscopy. Japanese Journal of Applied Physics, 2003, 42, 4809-4815.  | 1.5 | 1         |
| 112 | Commensurate and Incommensurate Transitions for Interacting Particles. Journal of the Physical Society of Japan, 2003, 72, 129-130.   | 1.6 | 0         |
| 113 | Thermoelectric Properties of Disordered Systems. Journal of the Physical Society of Japan, 2003, 72, 167-168.   | 1.6 | 8         |
| 114 | A Matrix Model for $\hat{\Gamma}_{1/2}^{k_1, k_2} = (\Gamma_{k_1} + \Gamma_{k_2}) / \Gamma_{k_1 + k_2}$ Quantum Hall States. Journal of the Physical Society of Japan, 2003, 72, 127-128. | 1.6 | 1         |
| 115 | Divergences of the Localization Lengths in the Two-Dimensional, Off-Diagonal Anderson Model on Bipartite Lattices. Journal of the Physical Society of Japan, 2003, 72, 133-134.           | 1.6 | 1         |
| 116 | Real-Space Renormalization Group Approach to the Quantum Hall Transition. Journal of the Physical Society of Japan, 2003, 72, 135-136.  | 1.6 | 4         |
| 117 | Numerical study of eigenvector statistics for random banded matrices. Physical Review E, 2002, 65, 056204.  | 2.1 | 3         |
| 118 | Interacting particles at a metal-insulator transition. Physical Review B, 2002, 65, .   | 3.2 | 33        |
| 119 | Direct Comparison between Potential Landscape and Local Density of States in a Disordered Two-Dimensional Electron System. Physical Review Letters, 2002, 89, 136806.                     | 7.8 | 72        |
| 120 | Use of cluster computing for the Anderson model of localization. Computer Physics Communications, 2002, 147, 246-250.   | 7.5 | 4         |
| 121 | Finite-size scaling of the level compressibility at the Anderson transition. European Physical Journal B, 2002, 27, 399-407.  | 1.5 | 19        |
| 122 | Percolation, Renormalization and Quantum Hall Transition. , 2002, , 279-294.  |     | 2         |
| 123 | A supersymmetric Uq[osp(2   2)]-extended Hubbard model with boundary fields. Nuclear Physics B, 2001, 618, 650-674.   | 2.5 | 10        |
| 124 | Localization properties of two interacting particles in a quasi-periodic potential with a metal-insulator transition. European Physical Journal B, 2001, 23, 229-234.                     | 1.5 | 17        |
| 125 | Exponents of the localization lengths in the bipartite Anderson model with off-diagonal disorder. Physica B: Condensed Matter, 2001, 296, 46-51.  | 2.7 | 34        |
| 126 | Disorder and two-particle interaction in low-dimensional quantum systems. Physica E: Low-Dimensional Systems and Nanostructures, 2001, 9, 397-404.  | 2.7 | 11        |



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|-----|---|-----|-----------|
| 127 | Para- and Ortho-Trions on a Ring: A Simple Model. <i>Physica Status Solidi (B): Basic Research</i> , 2001, 227, 381-385.  | 1.5 | 5         |
| 128 | Hellmann-Feynman theorem and correlation-fluctuation analysis for the Calogero-Sutherland model. <i>Journal of Physics A</i> , 2001, 34, 1485-1506.   | 1.6 | 10        |
| 129 | Integer quantum Hall transition in the presence of a long-range-correlated quenched disorder. <i>Physical Review B</i> , 2001, 64, .  | 3.2 | 26        |
| 130 | Off-Diagonal Disorder in the Anderson Model of Localization. <i>Physica Status Solidi (B): Basic Research</i> , 2000, 218, 205-209.   | 1.5 | 16        |
| 131 | Aharonov-Bohm Oscillations in the Exciton Luminescence from a Semiconductor Nanoring. <i>Physica Status Solidi (B): Basic Research</i> , 2000, 221, 535-539.  | 1.5 | 16        |
| 132 | Incipient localization in the Anderson model. <i>Physica B: Condensed Matter</i> , 2000, 284-288, 1934-1935.  | 2.7 | 3         |
| 133 | Universal level-spacing statistics in quasiperiodic tight-binding models. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2000, 294-296, 564-567. | 5.6 | 9         |
| 134 | Critical properties of the metal-insulator transition in anisotropic systems. <i>European Physical Journal B</i> , 2000, 15, 685-690.   | 1.5 | 33        |
| 135 | Integrable impurities for an open fermion chain. <i>Journal of Physics A</i> , 2000, 33, 3863-3879.   | 1.6 | 2         |
| 136 | Fluctuation-correlation analysis of the Calogero-Sutherland model. <i>Physical Review B</i> , 2000, 62, 15279-15282.  | 3.2 | 7         |
| 137 | Behavior of the thermopower in amorphous materials at the metal-insulator transition. <i>Physical Review B</i> , 2000, 62, 16446-16452.   | 3.2 | 5         |
| 138 | Exact diagonalization study of rare events in disordered conductors. <i>Physical Review B</i> , 2000, 62, R7699-R7702.  | 3.2 | 24        |
| 139 | Energy-level statistics at the metal-insulator transition in anisotropic systems. <i>Physical Review B</i> , 2000, 61, 6028-6035.   | 3.2 | 41        |
| 140 | Aharonov-Bohm effect for an exciton. <i>Physical Review B</i> , 2000, 62, 7045-7049.  | 3.2 | 116       |
| 141 | Smoothed universal correlations in the two-dimensional Anderson model. <i>Physical Review B</i> , 1999, 59, 4080-4090.  | 3.2 | 1         |
| 142 | Application of random matrix theory to quasiperiodic systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999, 266, 477-480.  | 2.6 | 10        |
| 143 | Scaling the localisation lengths for two interacting particles in one-dimensional random potentials. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999, 266, 481-485.                           | 2.6 | 3         |
| 144 | Electronic states in the Anderson model of localization: benchmarking eigenvalue algorithms. <i>Computer Physics Communications</i> , 1999, 121-122, 517-523.   | 7.5 | 9         |

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|-----|--|-----|-----------|
| 145 | Energy levels of quasiperiodic Hamiltonians, spectral unfolding, and random matrix theory. Computer Physics Communications, 1999, 121-122, 499-501.                              | 7.5 | 6         |
| 146 | Numerical results for two interacting particles in a random environment. Annalen Der Physik, 1999, 8, 675-684.   | 2.4 | 8         |
| 147 | Two interacting particles at a metal-insulator transition. European Physical Journal B, 1999, 8, 547-554.  | 1.5 | 19        |
| 148 | Interaction-dependent enhancement of the localisation length for two interacting particles in a one-dimensional random potential. European Physical Journal B, 1999, 8, 643-652. | 1.5 | 27        |
| 149 | Thermoelectric transport properties in disordered systems near the Anderson transition. European Physical Journal B, 1999, 12, 179-189.  | 1.5 | 24        |
| 150 | Two Interacting Particles in a Random Potential: Numerical Calculations of the Interaction Matrix Elements. Physica Status Solidi (B): Basic Research, 1999, 211, 681-691.       | 1.5 | 9         |
| 151 | The Anderson Model of Localization: A Challenge for Modern Eigenvalue Methods. SIAM Journal of Scientific Computing, 1999, 20, 2089-2102.  | 2.8 | 33        |
| 152 | Electronic states in topologically disordered systems. Annalen Der Physik, 1998, 7, 389-393.   | 2.4 | 9         |
| 153 | Low temperature behavior of the thermopower in disordered systems near the Anderson transition. Annalen Der Physik, 1998, 7, 394-399.  | 2.4 | 4         |
| 154 | A numerical study of wave-function and matrix-element statistics in the Anderson model of localization. Annalen Der Physik, 1998, 7, 437-441.                                    | 2.4 | 4         |
| 155 | Energy level statistics at the metal-insulator transition in the Anderson model of localization with anisotropic hopping. Annalen Der Physik, 1998, 7, 452-456.                  | 2.4 | 5         |
| 156 | Lax pair formulation for a small-polaron chain with integrable boundaries. Annalen Der Physik, 1998, 7, 518-522.   | 2.4 | 5         |
| 157 | Critical Behavior in the Two-Dimensional Anderson Model of Localization with Random Hopping. Physica Status Solidi (B): Basic Research, 1998, 205, 229-232.                      | 1.5 | 13        |
| 158 | Weak Delocalization Due to Long-Range Interaction for Two Electrons in a Random Potential Chain. Physica Status Solidi (B): Basic Research, 1998, 205, 275-279.                  | 1.5 | 5         |
| 159 | The two-dimensional Anderson model of localization with random hopping. European Physical Journal B, 1998, 1, 29-38.   | 1.5 | 65        |
| 160 | Level-Spacing Distributions of Planar Quasiperiodic Tight-Binding Models. Physical Review Letters, 1998, 80, 3996-3999.  | 7.8 | 45        |
| 161 | Absence of backscattering at integrable impurities in one-dimensional quantum many-body systems. Europhysics Letters, 1997, 39, 293-298.   | 2.0 | 31        |
| 162 | Rätner and Schreiber Reply:. Physical Review Letters, 1997, 78, 4890-4890.   | 7.8 | 17        |

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|-----|--|-----|-----------|
| 163 | No Enhancement of the Localization Length for Two Interacting Particles in a Random Potential. <i>Physical Review Letters</i> , 1997, 78, 515-518.   | 7.8 | 62        |
| 164 | Multifractal analysis of the metal-insulator transition in anisotropic systems. <i>Physical Review B</i> , 1997, 55, 9463-9469.  | 3.2 | 44        |
| 165 | Langevin dynamics, stochastic quantization and the supersymmetric systems. <i>Journal of Physics A</i> , 1996, 29, 1651-1657.  | 1.6 | 1         |
| 166 | Conservation laws in the continuum systems. <i>Journal of Physics A</i> , 1996, 29, 4699-4714.   | 1.6 | 1         |
| 167 | Gaps in the Heisenberg-Ising model. <i>Physical Review B</i> , 1995, 52, 1656-1660.  | 3.2 | 11        |
| 168 | Enhanced charge and spin currents in the one-dimensional disordered mesoscopic Hubbard ring. <i>Physical Review B</i> , 1995, 52, 14809-14816.   | 3.2 | 23        |
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