

Jerzy Luczka

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

148
papers

2,557
citations

29
h-index

43
g-index

156
ext. papers

2,808
ext. citations

2.6
avg, IF

5.46
L-index

| # | Paper | IF | Citations |
|-----|--|-----|-----------|
| 148 | Comment on "Deformed Fokker-Planck equation: Inhomogeneous medium with a position-dependent mass". <i>Physical Review E</i> , 2021 , 103, 036101 | 2.4 | |
| 147 | Energy of a free Brownian particle coupled to thermal vacuum. <i>Scientific Reports</i> , 2021 , 11, 4088 | 4.9 | 4 |
| 146 | Arcsine law and multistable Brownian dynamics in a tilted periodic potential. <i>Physical Review E</i> , 2021 , 104, 024132 | 2.4 | 4 |
| 145 | Conundrum of weak-noise limit for diffusion in a tilted periodic potential. <i>Physical Review E</i> , 2021 , 104, 034104 | 2.4 | 1 |
| 144 | Quantum Counterpart of Classical Equipartition of Energy. <i>Journal of Statistical Physics</i> , 2020 , 179, 839-845 | | 5 |
| 143 | Diffusion in a biased washboard potential revisited. <i>Physical Review E</i> , 2020 , 101, 032123 | 2.4 | 12 |
| 142 | Binary Communication with Gazeau-Klauder Coherent States. <i>Entropy</i> , 2020 , 22, | 2.8 | 1 |
| 141 | Many Faces of Non-equilibrium: Anomalous Transport Phenomena in Driven Periodic Systems. <i>Acta Physica Polonica B</i> , 2020 , 51, 1131 | 1.9 | 7 |
| 140 | Colossal Brownian yet non-Gaussian diffusion induced by nonequilibrium noise. <i>Physical Review E</i> , 2020 , 102, 042121 | 2.4 | 10 |
| 139 | Coexistence of absolute negative mobility and anomalous diffusion. <i>New Journal of Physics</i> , 2019 , 21, 083029 | 2.9 | 24 |
| 138 | Quantum analogue of energy equipartition theorem. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019 , 52, 15LT01 | 2 | 9 |
| 137 | Tunable Mass Separation via Negative Mobility. <i>Physical Review Letters</i> , 2019 , 122, 070602 | 7.4 | 24 |
| 136 | On superstatistics of energy for a free quantum Brownian particle. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2019 , 2019, 064002 | 1.9 | 4 |
| 135 | Temperature-Induced Tunable Particle Separation. <i>Physical Review Applied</i> , 2019 , 12, | 4.3 | 8 |
| 134 | SQUID ratchet: Statistics of transitions in dynamical localization. <i>Chaos</i> , 2019 , 29, 013105 | 3.3 | 13 |
| 133 | Kinetic Energy of a Free Quantum Brownian Particle. <i>Entropy</i> , 2018 , 20, | 2.8 | 12 |
| 132 | Self-averaging of random quantum dynamics. <i>Physical Review A</i> , 2018 , 98, | 2.6 | 4 |

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| 131 | Negative mobility of a Brownian particle: Strong damping regime. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018 , 55, 316-325 | 3.7 | 19 |
| 130 | Partition of energy for a dissipative quantum oscillator. <i>Scientific Reports</i> , 2018 , 8, 16080 | 4.9 | 10 |
| 129 | Quantum partition of energy for a free Brownian particle: Impact of dissipation. <i>Physical Review A</i> , 2018 , 98, | 2.6 | 7 |
| 128 | Brownian ratchets: How stronger thermal noise can reduce diffusion. <i>Chaos</i> , 2017 , 27, 023111 | 3.3 | 17 |
| 127 | Energetics of a driven Brownian harmonic oscillator. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017 , 2017, 113206 | 1.9 | 5 |
| 126 | Work distributions for random sudden quantum quenches. <i>Physical Review E</i> , 2017 , 95, 052137 | 2.4 | 12 |
| 125 | Subdiffusion via dynamical localization induced by thermal equilibrium fluctuations. <i>Scientific Reports</i> , 2017 , 7, 16451 | 4.9 | 21 |
| 124 | Transient anomalous diffusion in periodic systems: ergodicity, symmetry breaking and velocity relaxation. <i>Scientific Reports</i> , 2016 , 6, 30948 | 4.9 | 48 |
| 123 | Leggett-Garg inequalities for a quantum top affected by classical noise. <i>Quantum Information Processing</i> , 2016 , 15, 4911-4925 | 1.6 | 2 |
| 122 | Efficiency of transport in periodic potentials: dichotomous noise contra deterministic force. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016 , 2016, 054038 | 1.9 | 18 |
| 121 | Quantum cloning disturbed by thermal Davies environment. <i>Quantum Information Processing</i> , 2016 , 15, 2661-2673 | 1.6 | 2 |
| 120 | Comment on Absolute negative mobility in a one-dimensional overdamped system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016 , 380, 1499-1501 | 2.3 | |
| 119 | Non-monotonic temperature dependence of chaos-assisted diffusion in driven periodic systems. <i>New Journal of Physics</i> , 2016 , 18, 123029 | 2.9 | 17 |
| 118 | Leggett-Garg inequality for qubits coupled to thermal environment. <i>Physical Review A</i> , 2015 , 91, | 2.6 | 13 |
| 117 | Efficiency of the SQUID ratchet driven by external current. <i>New Journal of Physics</i> , 2015 , 17, 023054 | 2.9 | 17 |
| 116 | Josephson phase diffusion in the superconducting quantum interference device ratchet. <i>Chaos</i> , 2015 , 25, 053110 | 3.3 | 14 |
| 115 | Persistent currents in metallic rings containing a quantum dot. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015 , 379, 1654-1660 | 2.3 | |
| 114 | Diffusion anomalies in ac-driven Brownian ratchets. <i>Physical Review E</i> , 2015 , 91, 062104 | 2.4 | 25 |

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| 113 | Poissonian noise assisted transport in periodic systems. <i>Physica Scripta</i> , 2015 , T165, 014015 | 2.6 | 3 |
| 112 | Energetics of an rf SQUID Coupled to Two Thermal Reservoirs. <i>PLoS ONE</i> , 2015 , 10, e0143912 | 3.7 | 1 |
| 111 | Reply to Comment on Gazeau-Klauder cat states <i>Journal of Physics A: Mathematical and Theoretical</i> , 2015 , 48, 238002 | 2 | |
| 110 | Josephson junction ratchet: The impact of finite capacitances. <i>Physical Review B</i> , 2014 , 90, | 3.3 | 19 |
| 109 | Brownian motors in the microscale domain: enhancement of efficiency by noise. <i>Physical Review E</i> , 2014 , 90, 032104 | 2.4 | 47 |
| 108 | Swapping of correlations via teleportation with decoherence. <i>Physical Review A</i> , 2013 , 87, | 2.6 | 13 |
| 107 | Relation Between Purity of an Open Qubit Dynamics and Its Initial Correlation with an Environment. <i>International Journal of Theoretical Physics</i> , 2013 , 52, 1148-1159 | 1.1 | 5 |
| 106 | Interference phenomenon and geometric phase for Dirac neutrino in β decay. <i>Physical Review D</i> , 2013 , 87, | 4.9 | 5 |
| 105 | Absolute negative mobility induced by white Poissonian noise. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2013 , 2013, P02044 | 1.9 | 27 |
| 104 | The Trace Distance and Linear Entropy of Qubit States: The Role of Initial Qubit-Environment Correlations. <i>Reports on Mathematical Physics</i> , 2012 , 70, 193-204 | 0.8 | 4 |
| 103 | Two coupled Josephson junctions: dc voltage controlled by biharmonic current. <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 085702 | 1.8 | 3 |
| 102 | Directed transport in coupled noisy Josephson junctions controlled via ac signals. <i>Physica Scripta</i> , 2012 , T151, 014021 | 2.6 | 0 |
| 101 | Gazeau-Klauder cat states. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2012 , 45, 244006 | 2 | 3 |
| 100 | Negativity and quantum discord in Davies environments. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2012 , 45, 485306 | 2 | 14 |
| 99 | Squeezing of magnetic flux in nanorings. <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 495701 | 1.8 | |
| 98 | Hyperbolic diffusion in chaotic systems. <i>European Physical Journal B</i> , 2011 , 83, 223-233 | 1.2 | 0 |
| 97 | Geometric phase as a determinant of a qubit-environment coupling. <i>Quantum Information Processing</i> , 2011 , 10, 85-96 | 1.6 | 22 |
| 96 | Geometric phase of neutrino propagating through dissipative matter. <i>Physical Review D</i> , 2011 , 83, | 4.9 | 15 |

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|----|---|-----|----|
| 95 | Distance between quantum states in the presence of initial qubit-environment correlations: A comparative study. <i>Physical Review A</i> , 2011 , 84, | 2.6 | 57 |
| 94 | Indirect control of transport and interaction-induced negative mobility in an overdamped system of two coupled particles. <i>Physical Review E</i> , 2011 , 83, 051117 | 2.4 | 18 |
| 93 | Current-flux characteristics in mesoscopic non-superconducting rings. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 422201 | 1.8 | 3 |
| 92 | Current in Hubbard rings manipulated via magnetic flux. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 245301 | 1.8 | 3 |
| 91 | Transport driven by biharmonic forces: impact of correlated thermal noise. <i>Physical Review E</i> , 2010 , 82, 031133 | 2.4 | 14 |
| 90 | Thermal-inertial ratchet effects: negative mobility, resonant activation, noise-enhanced stability, and noise-weakened stability. <i>Physical Review E</i> , 2010 , 82, 041104 | 2.4 | 32 |
| 89 | Current characteristics of mesoscopic rings in quantum Smoluchowski regime. <i>European Physical Journal: Special Topics</i> , 2010 , 187, 5-14 | 2.3 | 1 |
| 88 | Distance growth of quantum states due to initial system-environment correlations. <i>Physical Review A</i> , 2010 , 82, | 2.6 | 62 |
| 87 | Inertial Brownian motors driven by biharmonic signals. <i>Chemical Physics</i> , 2010 , 375, 445-449 | 2.3 | 20 |
| 86 | Negative conductances of Josephson junctions: Voltage fluctuations and energetics. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2010 , 42, 590-594 | 3 | 13 |
| 85 | Dephasing of qubits by the Schrödinger cat. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2010 , 42, 374-377 | 3 | 13 |
| 84 | Magnetic flux in a mesoscopic SQUID controlled by nonclassical electromagnetic fields. <i>Physical Review B</i> , 2009 , 80, | 3.3 | 3 |
| 83 | Fidelity of asymmetric dephasing channels. <i>Physical Review A</i> , 2009 , 79, | 2.6 | 15 |
| 82 | Geometric phase of interacting qubits: Mean-field analysis. <i>Physical Review A</i> , 2009 , 80, | 2.6 | 1 |
| 81 | Analytically solvable model for the entanglement via scattering-like mechanisms. <i>Quantum Information Processing</i> , 2009 , 8, 461-475 | 1.6 | 1 |
| 80 | Entanglement swapping in presence of dephasing. <i>Physica Status Solidi (B): Basic Research</i> , 2009 , 246, 936-940 | 1.3 | 1 |
| 79 | Negative mobility induced by colored thermal fluctuations. <i>Physical Review E</i> , 2009 , 80, 051121 | 2.4 | 34 |
| 78 | Transmission of magnetic signals in noisy mesorings. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009 , 2009, P01030 | 1.9 | 2 |

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| 77 | Non-Markovian entanglement evolution of two uncoupled qubits. <i>Physical Review A</i> , 2008 , 77, | 2.6 | 63 |
| 76 | Anomalous transport in biased ac-driven Josephson junctions: Negative conductances. <i>Physical Review B</i> , 2008 , 77, | 3.3 | 58 |
| 75 | Origination and survival of qudit-qudit entanglement in open systems. <i>Physical Review A</i> , 2008 , 77, | 2.6 | 27 |
| 74 | Geometric phase of a qubit in dephasing environments. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008 , 41, 012001 | 2 | 18 |
| 73 | KINETICS OF CRYSTAL GROWTH LIMITED BY RANDOM VELOCITY FIELDS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2008 , 18, 2673-2679 | 2 | 3 |
| 72 | Bifurcations of the geometric phase of a qubit asymmetrically coupled to the environment. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008 , 41, 442001 | 2 | 11 |
| 71 | Transport characteristics of molecular motors. <i>BioSystems</i> , 2008 , 94, 253-7 | 1.9 | 12 |
| 70 | Flux-biased mesoscopic rings. <i>Physica Status Solidi (B): Basic Research</i> , 2007 , 244, 2432-2436 | 1.3 | 1 |
| 69 | Entanglement persistence in contact with the environment: exact results. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007 , 40, F879-F886 | 2 | 19 |
| 68 | Magnetic flux in mesoscopic rings: Quantum Smoluchowski regime. <i>Physical Review B</i> , 2007 , 76, | 3.3 | 9 |
| 67 | Absolute negative mobility induced by thermal equilibrium fluctuations. <i>Physical Review Letters</i> , 2007 , 98, 040601 | 7.4 | 136 |
| 66 | Dynamical bimodality in equilibrium monostable systems. <i>Physical Review E</i> , 2006 , 74, 041102 | 2.4 | 7 |
| 65 | Quantum diffusion in biased washboard potentials: strong friction limit. <i>Physical Review E</i> , 2006 , 73, 031105 | 1.5 | 34 |
| 64 | Optimal strategy for controlling transport in inertial Brownian motors. <i>Journal of Physics Condensed Matter</i> , 2006 , 18, 4111-4112 | 1.8 | 10 |
| 63 | Noisy dynamics of magnetic flux in mesoscopic cylinders. <i>Journal of Physics: Conference Series</i> , 2006 , 30, 321-324 | 0.3 | |
| 62 | Forcing inertial Brownian motors: Efficiency and negative differential mobility. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 371, 20-24 | 3.3 | 37 |
| 61 | Non-Markovian stochastic processes: colored noise. <i>Chaos</i> , 2005 , 15, 26107 | 3.3 | 73 |
| 60 | Statistics of transition times, phase diffusion and synchronization in periodically driven bistable systems. <i>New Journal of Physics</i> , 2005 , 7, 14-14 | 2.9 | 38 |

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|----|---|-----|----|
| 59 | The diffusion in the quantum Smoluchowski equation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005 , 351, 60-68 | 3.3 | 31 |
| 58 | On temperature- and space-dimension dependent matter agglomerations in a mature growing stage. <i>Chemical Physics</i> , 2005 , 310, 153-161 | 2.3 | 12 |
| 57 | Collective behavior of coupled mesoscopic cylinders. <i>Physica Status Solidi (B): Basic Research</i> , 2005 , 242, 196-202 | 1.3 | 5 |
| 56 | Optimal strategy for controlling transport in inertial Brownian motors. <i>Journal of Physics Condensed Matter</i> , 2005 , 17, S3741-52 | 1.8 | 32 |
| 55 | Rate description of Fokker-Planck processes with time-dependent parameters. <i>Physical Review E</i> , 2004 , 69, 046109 | 2.4 | 34 |
| 54 | Brownian motors: current fluctuations and rectification efficiency. <i>Physical Review E</i> , 2004 , 70, 061105 | 2.4 | 96 |
| 53 | Consistent description of quantum Brownian motors operating at strong friction. <i>Physical Review E</i> , 2004 , 70, 031107 | 2.4 | 57 |
| 52 | Optimal transport and phase transition in dichotomic ratchets. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003 , 325, 69-77 | 3.3 | 1 |
| 51 | Finite volume effects in a model grain growth. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003 , 325, 284-291 | 3.3 | 6 |
| 50 | Currents in a system of noisy mesoscopic rings. <i>Physical Review B</i> , 2003 , 67, | 3.3 | 12 |
| 49 | Kinetics of growth process controlled by convective fluctuations. <i>Physical Review E</i> , 2002 , 65, 051401 | 2.4 | 9 |
| 48 | Nonequilibrium coupled Brownian phase oscillators. <i>Physical Review E</i> , 2002 , 65, 051115 | 2.4 | 18 |
| 47 | Multiple current reversal in Brownian ratchets. <i>Physical Review E</i> , 2001 , 63, 021101 | 2.4 | 49 |
| 46 | Transport of particles for a spatially periodic stochastic system with correlated noises. <i>Physical Review E</i> , 2001 , 64, 011113 | 2.4 | 43 |
| 45 | On the kinetics of polymer crystallization: a possible mechanism. <i>Journal of Molecular Liquids</i> , 2000 , 86, 237-247 | 6 | 7 |
| 44 | Diffusion of Brownian particles governed by fluctuating friction. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000 , 278, 18-31 | 3.3 | 35 |
| 43 | Rectified steady flow induced by white shot noise: diffusive and non-diffusive regimes. <i>Annalen Der Physik</i> , 2000 , 9, 721-734 | 2.6 | 9 |
| 42 | Rectified steady flow induced by white shot noise: diffusive and non-diffusive regimes 2000 , 9, 721 | | 2 |

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| 41 | Brownian Motion in a d-Dimensional Space with Fluctuating Friction 2000 , 85-96 | | 1 |
| 40 | Application of statistical mechanics to stochastic transport. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999 , 274, 200-215 | 3-3 | 25 |
| 39 | Brownian transport controlled by dichotomic and thermal fluctuations. <i>Chemical Physics</i> , 1998 , 235, 27-37 | 3-3 | 23 |
| 38 | Brownian motion in a fluctuating medium. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1998 , 249, 409-414 | 2-3 | 31 |
| 37 | Phase transformation kinetics in d-dimensional grains-containing systems: diffusion-type model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1998 , 248, 365-378 | 3-3 | 11 |
| 36 | Brownian Ratchets: Transport Controlled by Thermal Noise. <i>Physical Review Letters</i> , 1998 , 80, 1377-1380 | 7-4 | 55 |
| 35 | Tunneling Center as a Source of Voltage Rectification in Josephson Junctions. <i>Physical Review Letters</i> , 1998 , 80, 829-832 | 7-4 | 59 |
| 34 | Symmetric white noise can induce directed current in ratchets. <i>Physical Review E</i> , 1997 , 56, 3968-3975 | 2-4 | 63 |
| 33 | Thermal ratchets driven by Poissonian white shot noise. <i>Physical Review E</i> , 1997 , 55, 4057-4066 | 2-4 | 36 |
| 32 | Randomly flashing diffusion: Asymptotic properties. <i>Journal of Statistical Physics</i> , 1996 , 83, 1149-1164 | 1-5 | 7 |
| 31 | Transport generated by dichotomous fluctuations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1996 , 214, 14-20 | 2-3 | 37 |
| 30 | LONG-TIME ASYMPTOTICS FOR DIFFUSING CLUSTERS WITH POISSON GROWTH STATISTICS. <i>Fractals</i> , 1996 , 04, 543-546 | 3-2 | 3 |
| 29 | Noise-induced transport in symmetric periodic potentials: White shot noise versus deterministic noise. <i>Europhysics Letters</i> , 1996 , 35, 315-317 | 1-6 | 56 |
| 28 | Diffusion-migration concept applied to growth and structure formation in model biomembranes. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1995 , 203, 367-372 | 2-3 | 7 |
| 27 | Diffusion of clusters with randomly growing masses. <i>Physical Review E</i> , 1995 , 51, 5762-5769 | 2-4 | 25 |
| 26 | Non-Markovian process driven by quadratic noise: Kramers-Moyal expansion and Fokker-Planck modeling. <i>Physical Review E</i> , 1995 , 51, 2933-2938 | 2-4 | 24 |
| 25 | First-passage time for randomly flashing diffusion. <i>Physical Review E</i> , 1995 , 52, 5810-5816 | 2-4 | 9 |
| 24 | On anomalous diffusion of fractal clusters under certain realistic physical conditions. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1994 , 16, 1265-1270 | | 3 |

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| 23 | Some remarks concerning spherulitic growth. <i>International Journal of Quantum Chemistry</i> , 1994 , 52, 301-308 | 10 |
| 22 | The growing processes in diffusive and convective fields. <i>Chemical Engineering Science</i> , 1993 , 48, 3713-3724 | 13 |
| 21 | Randomly interrupted diffusion. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1992 , 167, 475-478 | 2.3 18 |
| 20 | On the diffusion-driven growth: The perturbed sphere problem revisited. <i>European Physical Journal D</i> , 1992 , 42, 577-590 | 6 |
| 19 | Quantum open systems in a two-state stochastic reservoir. <i>European Physical Journal D</i> , 1991 , 41, 289-292 | 9 |
| 18 | Spin in contact with thermostat: Exact reduced dynamics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1990 , 167, 919-934 | 3.3 78 |
| 17 | The asymptotic dynamics of processes with multiplicative quadratic noise. <i>European Physical Journal D</i> , 1989 , 39, 689-695 | 1 |
| 16 | Stochastic processes with colored Gaussian noise: The small noise limit revisited. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1989 , 139, 29-34 | 2.3 5 |
| 15 | On Markovian kinetic equations: Zubarev's nonequilibrium statistical operator approach. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1988 , 149, 245-266 | 3.3 7 |
| 14 | An approximate master equation for systems driven by linear Ornstein-Uhlenbeck noise. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1988 , 153, 619-635 | 3.3 9 |
| 13 | Relaxation problem with a quadratic noise: Analysis. <i>Journal of Statistical Physics</i> , 1987 , 47, 505-526 | 1.5 8 |
| 12 | Simple Derivation of the Direct Spin-Phonon Interaction. <i>Physica Status Solidi (B): Basic Research</i> , 1986 , 136, K27-K31 | 1.3 1 |
| 11 | Exact probability distribution for soluble model with quadratic noise. <i>Journal of Statistical Physics</i> , 1986 , 42, 1009-1018 | 1.5 8 |
| 10 | Relaxation of a single two-level system. <i>European Physical Journal D</i> , 1986 , 36, 674-680 | |
| 9 | The Dynamics of Classical Spins Interacting with Pump Field and Quantum Reservoir. <i>Physica Scripta</i> , 1986 , 34, 97-100 | 2.6 1 |
| 8 | The exact equation of motion for a two level system. Zubarev like approach. <i>European Physical Journal D</i> , 1985 , 35, 386-400 | 3 |
| 7 | Dynamics of a class of processes with Smoluchowski noises. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1984 , 102, 401-404 | 2.3 2 |
| 6 | Evolution equation for two level systems interacting with pump and relaxation mechanisms. <i>European Physical Journal D</i> , 1984 , 34, 1150-1156 | 1 |

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| 5 | Kinetic theory of resonance and relaxation in spin systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1983 , 120, 219-237 | 3-3 | 2 |
| 4 | Kinetic theory of resonance and relaxation in spin systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1982 , 111, 240-254 | 3-3 | 5 |
| 3 | Kinetic theory of resonance and relaxation in spin systems I. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1980 , 101, 552-570 | 3-3 | 3 |
| 2 | Generalized kinetic equations with memory. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1979 , 69, 393-395 | 2-3 | 12 |
| 1 | | | |