

Lamberto Rondoni

List of Publications by Year in descending order

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156
papers

2,841
citations

230014

27
h-index

252626

46
g-index

160
all docs

160
docs citations

160
times ranked

1497
citing authors

#	ARTICLE	IF	CITATIONS
1	Equilibrium and nonequilibrium description of negative temperature states in a one-dimensional lattice using a wave kinetic approach. <i>Physical Review E</i> , 2022, 105, 014206.	0.8	3
2	Time reversal symmetry for classical, non-relativistic quantum and spin systems in presence of magnetic fields. <i>Annals of Physics</i> , 2022, 441, 168853.	1.0	4
3	Jarzynski equality on work and free energy: Crystal indentation as a case study. <i>Journal of Chemical Physics</i> , 2022, 156, 114118.	1.2	2
4	Greenhouse gas emissions: A rapid submerge of the world. <i>Chaos</i> , 2022, 32, .	1.0	3
5	Jarzynski on work and free energy relations: The case of variable volume. <i>AIChE Journal</i> , 2021, 67, .	1.8	4
6	Fluctuation Relations for Dissipative Systems in Constant External Magnetic Field: Theory and Molecular Dynamics Simulations. <i>Entropy</i> , 2021, 23, 146.	1.1	6
7	Displacement autocorrelation functions for strong anomalous diffusion: A scaling form, universal behavior, and corrections to scaling. <i>Physical Review Research</i> , 2021, 3, .	1.3	8
8	Time-dependence of the effective temperatures of a two-dimensional Brownian gyrator with cold and hot components. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 105002.	0.7	6
9	Deterministic model of battery, uphill currents, and nonequilibrium phase transitions. <i>Physical Review E</i> , 2021, 103, 032119.	0.8	4
10	Hydrodynamic holes and Froude horizons: Circular shallow water profiles for astrophysical analogs. <i>Physical Review Research</i> , 2021, 3, .	1.3	1
11	Diffusion and escape from polygonal channels: extreme values and geometric effects. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2021, 2021, 073208.	0.9	3
12	An exploration of fractal-based prognostic model and comparative analysis for second wave of COVID-19 diffusion. <i>Nonlinear Dynamics</i> , 2021, 106, 1375-1395.	2.7	35
13	Exact response theory and Kuramoto dynamics. <i>Physica D: Nonlinear Phenomena</i> , 2021, , 133076.	1.3	2
14	Introduction to Nonequilibrium Statistical Physics and Its Foundations. <i>Soft and Biological Matter</i> , 2021, , 1-82.	0.3	1
15	Deterministic reversible model of non-equilibrium phase transitions and stochastic counterpart. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 305001.	0.7	5
16	Necessary and Sufficient Conditions for Time Reversal Symmetry in Presence of Magnetic Fields. <i>Symmetry</i> , 2020, 12, 1336.	1.1	8
17	Fluctuation relations for systems in a constant magnetic field. <i>Physical Review E</i> , 2020, 102, 030101.	0.8	8
18	Dissipation Function: Nonequilibrium Physics and Dynamical Systems. <i>Entropy</i> , 2020, 22, 835.	1.1	3

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19	Can India develop herd immunity against COVID-19?. European Physical Journal Plus, 2020, 135, 526.	1.2	43
20	Coexistence of Ballistic and Fourier Regimes in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Fermi-Pasta-Ulam-Tsingou Lattice. Physical Review Letters, 2020, 125, 024101.	2.9	13
21	Possible nonequilibrium imprint in the cosmic background at low frequencies. Physical Review Research, 2020, 2, .	1.3	10
22	Jump processes with deterministic and stochastic controls. Physical Review E, 2019, 100, 042133.	0.8	2
23	Heat flux in one-dimensional systems. Physical Review E, 2019, 100, 032139.	0.8	6
24	Transport in Quantum Multi-barrier Systems as Random Walks on a Lattice. Journal of Statistical Physics, 2019, 176, 692-709.	0.5	2
25	Temperature and correlations in 1-dimensional systems. European Physical Journal: Special Topics, 2019, 228, 129-142.	1.2	8
26	Equivalence of position auto-correlations in the Slicer Map and the Lorentz gas. Nonlinearity, 2019, 32, 2302-2326.	0.6	5
27	O(N) Fluctuations and Lattice Distortions in 1-Dimensional Systems. Frontiers in Physics, 2019, 7, .	1.0	4
28	4-wave dynamics in kinetic wave turbulence. Physica D: Nonlinear Phenomena, 2018, 362, 24-59.	1.3	15
29	Quantum thermostatted disordered systems and sensitivity under compression. Physica A: Statistical Mechanics and Its Applications, 2018, 493, 370-383.	1.2	2
30	Self-excited and hidden attractors in a novel chaotic system with complicated multistability. European Physical Journal Plus, 2018, 133, 1.	1.2	57
31	Asymmetry relations and effective temperatures for biased Brownian gyrators. Physical Review E, 2018, 98, .	0.8	22
32	Microcanonical Entropy, Partitions of a Natural Number into Squares and the Bose-Einstein Gas in a Box. Entropy, 2018, 20, 645.	1.1	0
33	Dispersive graded entropy on computing dynamical complexity. Physica A: Statistical Mechanics and Its Applications, 2018, 508, 131-140.	1.2	8
34	Time reversal and symmetries of time correlation functions. Molecular Physics, 2018, 116, 3097-3103.	0.8	13
35	On the relevance of the maximum entropy principle in non-equilibrium statistical mechanics. European Physical Journal: Special Topics, 2017, 226, 2327-2343.	1.2	12
36	Optical complexity in external cavity semiconductor laser. Optics Communications, 2017, 387, 257-266.	1.0	17

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37	Wave-turbulence theory of four-wave nonlinear interactions. <i>Physical Review E</i> , 2017, 96, 021101.	0.8	13
38	Time-reversal symmetry for systems in a constant external magnetic field. <i>Physical Review E</i> , 2017, 96, 012160.	0.8	14
39	Nonequilibrium Langevin dynamics: A demonstration study of shear flow fluctuations in a simple fluid. <i>Physical Review E</i> , 2017, 96, 022125.	0.8	4
40	Quantum Correlations under Time Reversal and Incomplete Parity Transformations in the Presence of a Constant Magnetic Field. <i>Symmetry</i> , 2017, 9, 120.	1.1	4
41	Broken versus Non-Broken Time Reversal Symmetry: Irreversibility and Response. <i>Symmetry</i> , 2016, 8, 73.	1.1	6
42	t-mixing: from fluctuation relations to response and irreversibility in MD. <i>Molecular Simulation</i> , 2016, 42, 1135-1148.	0.9	3
43	Complexity in congestive heart failure: A time-frequency approach. <i>Chaos</i> , 2016, 26, 033105.	1.0	24
44	Langevin equation for systems with a preferred spatial direction. <i>Physical Review E</i> , 2016, 94, 032127.	0.8	9
45	A dynamical-systems interpretation of the dissipation function, T-mixing and their relation to thermodynamic relaxation. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 154002.	0.7	10
46	On Typicality in Nonequilibrium Steady States. <i>Journal of Statistical Physics</i> , 2016, 164, 842-857.	0.5	19
47	Role of ergodicity in the transient Fluctuation Relation and a new relation for a dissipative non-chaotic map. <i>Chaos, Solitons and Fractals</i> , 2016, 83, 54-66.	2.5	2
48	Physical Ergodicity and Exact Response Relations for Low-dimensional Maps. <i>Computational Methods in Science and Technology</i> , 2016, 22, 71-85.	0.3	4
49	A simple non-chaotic map generating subdiffusive, diffusive, and superdiffusive dynamics. <i>Chaos</i> , 2015, 25, 073113.	1.0	12
50	Driven diffusion against electrostatic or effective energy barrier across $\langle i \rangle \hat{\Gamma} \pm \langle /i \rangle$ -hemolysin. <i>Journal of Chemical Physics</i> , 2015, 143, 154109.	1.2	12
51	Brownian Motion in Minkowski Space. <i>Entropy</i> , 2015, 17, 3581-3594.	1.1	3
52	Can complexity decrease in congestive heart failure?. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 439, 93-102.	1.2	41
53	Microscopic Models for Vibrations in Mechanical Systems Under Equilibrium and Non-equilibrium Conditions. <i>Understanding Complex Systems</i> , 2015, , 3-30.	0.3	0
54	Applicability of optimal protocols and the Jarzynski equality. <i>Physica Scripta</i> , 2014, 89, 048002.	1.2	6

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55	Time reversal symmetry in time-dependent correlation functions for systems in a constant magnetic field. <i>Europhysics Letters</i> , 2014, 108, 60004.	0.7	19
56	Bibliography on Small Systems: Nonequilibrium Phenomena and Anomalous Behavior. <i>Communications in Theoretical Physics</i> , 2014, 62, 631-633.	1.1	0
57	Sieving of H ₂ and D ₂ Through End-to-End Nanotubes. <i>Communications in Theoretical Physics</i> , 2014, 62, 541-549.	1.1	3
58	On the Foundations of Statistical Mechanics: Ergodicity, Many Degrees of Freedom and Inference. <i>Communications in Theoretical Physics</i> , 2014, 62, 469-475.	1.1	9
59	A Galilean Dialogue on the Levels of Reality. , 2014, , 1-19.		1
60	Reductionism, Emergence and Levels of Reality. , 2014, , .		64
61	Statistical distribution of bonding distances in a unidimensional solid. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 412, 19-31.	1.2	2
62	Thermal noise of mechanical oscillators in steady states with a heat flux. <i>Physical Review E</i> , 2014, 90, 032119.	0.8	3
63	Focus on some nonequilibrium issues. <i>Chaos, Solitons and Fractals</i> , 2014, 64, 2-15.	2.5	7
64	Fluctuation-Dissipation and Fluctuation Relations: From Equilibrium to Nonequilibrium and Back. <i>Lecture Notes in Physics</i> , 2014, , 93-133.	0.3	1
65	Fluctuation Relations in Small Systems: Exact Results from the Deterministic Approach. , 2013, , 83-114.		1
66	Current in a quantum driven thermostatted system with off-diagonal disorder. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 2977-2987.	1.2	7
67	Time Reversibility, Correlation Decay and the Steady State Fluctuation Relation for Dissipation. <i>Entropy</i> , 2013, 15, 1503-1515.	1.1	13
68	Effects of breaking vibrational energy equipartition on measurements of temperature in macroscopic oscillators subject to heat flux. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2013, 2013, P12003.	0.9	26
69	Reduction of Protein Networks Models by Passivity Preserving Projection. <i>Communications in Theoretical Physics</i> , 2013, 60, 247-257.	1.1	0
70	Fluctuations in quantum one-dimensional thermostatted systems with off-diagonal disorder. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2013, 2013, P02009.	0.9	5
71	Decimation of Fast States and Weak Nodes: Topological Variation via Persistent Homology. <i>Springer Proceedings in Complexity</i> , 2013, , 295-301.	0.2	4
72	Fluctuation Relations and Nonequilibrium Response for Chaotic Dissipative Dynamics. <i>Understanding Complex Systems</i> , 2013, , 3-38.	0.3	1

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73	On \mathbb{R}^4 - and \mathbb{H}^4 -space descriptions: Gibbs and Boltzmann entropies of symplectic coupled maps. <i>Physica Scripta</i> , 2012, 86, 058513.	1.2	7
74	Elasticity of mechanical oscillators in nonequilibrium steady states: Experimental, numerical, and theoretical results. <i>Physical Review E</i> , 2012, 85, 066605.	0.8	11
75	Fluctuation-dissipation relation for chaotic non-Hamiltonian systems. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2012, 2012, L04002.	0.9	28
76	A mathematical proof of the zeroth law of thermodynamics and the nonlinear Fourier law for heat flow. <i>Journal of Chemical Physics</i> , 2012, 137, 194109.	1.2	14
77	Modulation of output power in the spatio-temporal analysis of a semi conductor laser. <i>Optics Communications</i> , 2012, 285, 1341-1346.	1.0	10
78	Multi-image encryption based on synchronization of chaotic lasers and iris authentication. <i>Optics and Lasers in Engineering</i> , 2012, 50, 950-957.	2.0	36
79	Spatiotemporal evolution in a $(2+1)$ -dimensional chemotaxis model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 4061-4062.	1.2	15
80	Addendum to "Spatiotemporal evolution in a $(2+1)$ -dimensional chemotaxis model" [Physica A 391 (2012) 107-112]. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 4061-4062.	1.2	1
81	Equilibrium, fluctuation relations and transport for irreversible deterministic dynamics. <i>Physica D: Nonlinear Phenomena</i> , 2012, 241, 681-691.	1.3	20
82	Synchronization of time delayed semiconductor lasers and its applications in digital cryptography. <i>Optics Communications</i> , 2011, 284, 4623-4634.	1.0	29
83	Anomalies and absence of local equilibrium, and universality, in one-dimensional particles systems. <i>Physical Review E</i> , 2011, 83, 041115.	0.8	12
84	Synchronization of spatiotemporal semiconductor lasers and its application in color image encryption. <i>Optics Communications</i> , 2011, 284, 2278-2291.	1.0	43
85	Steady state fluctuation relations and time reversibility for non-smooth chaotic maps. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011, 2011, P04021.	0.9	10
86	One-dimensional models and thermomechanical properties of solids. <i>Physical Review B</i> , 2011, 84, .	1.1	9
87	Nonlinear Diffusion and Transient Osmosis. <i>Communications in Theoretical Physics</i> , 2011, 56, 352-366.	1.1	3
88	Entropy production and coarse graining in Markov processes. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P05015.	0.9	65
89	Spatiotemporal chaos and the dynamics of coupled Langmuir and ion-acoustic waves in plasmas. <i>Physical Review E</i> , 2010, 81, 046405.	0.8	14
90	Deterministic thermostats, theories of nonequilibrium systems and parallels with the ergodic condition. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2010, 43, 133001.	0.7	64

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91	RareNoise: non-equilibrium effects in detectors of gravitational waves. <i>Classical and Quantum Gravity</i> , 2010, 27, 084032.	1.5	13
92	The nonequilibrium Ehrenfest gas: A chaotic model with flat obstacles?. <i>Chaos</i> , 2009, 19, 013121.	1.0	24
93	Nonequilibrium Steady-State Fluctuations in Actively Cooled Resonators. <i>Physical Review Letters</i> , 2009, 103, 010601.	2.9	56
94	Harmonic damped oscillators with feedback: a Langevin study. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009, 2009, P10016.	0.9	9
95	Nonequilibrium work fluctuations in a driven Ising model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009, 388, 2815-2820.	1.2	5
96	Boltzmann maps for networks of chemical reactions and the multi-stability problem. <i>Networks and Heterogeneous Media</i> , 2009, 4, 501-526.	0.5	1
97	Fluctuation-dissipation: Response theory in statistical physics. <i>Physics Reports</i> , 2008, 461, 111-195.	10.3	577
98	On the Fluctuation Relation for Nosé-Hoover Boundary Thermostated Systems. <i>Journal of Statistical Physics</i> , 2008, 133, 617-637.	0.5	8
99	Onset of diffusive behavior in confined transport systems. <i>Chaos</i> , 2008, 18, 013127.	1.0	31
100	Temporal asymmetry of fluctuations in nonequilibrium steady states: Links with correlation functions and nonlinear response. <i>Journal of Chemical Physics</i> , 2008, 128, 164515.	1.2	13
101	Fluctuations in nonequilibrium statistical mechanics: models, mathematical theory, physical mechanisms. <i>Nonlinearity</i> , 2007, 20, R1-R37.	0.6	83
102	Initial growth of Boltzmann entropy and chaos in a large assembly of weakly interacting systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 385, 170-184.	1.2	21
103	Temporal asymmetry of fluctuations in the nonequilibrium FPU model. <i>Physica D: Nonlinear Phenomena</i> , 2007, 228, 64-76.	1.3	8
104	The Steady State Fluctuation Relation for the Dissipation Function. <i>Journal of Statistical Physics</i> , 2007, 128, 1337-1363.	0.5	59
105	Asymmetric fluctuation-relaxation paths in FPU models. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 365, 229-234.	1.2	8
106	Maxwell-Jüttner distributions in relativistic molecular dynamics. <i>European Physical Journal B</i> , 2006, 50, 361-365.	0.6	12
107	Thermodynamics and complexity of simple transport phenomena. <i>Journal of Physics A</i> , 2006, 39, 1311-1338.	1.6	38
108	Relevance of initial and final conditions for the fluctuation relation in Markov processes. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2006, 2006, P08010-P08010.	0.9	53

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109	Temporal asymmetry of fluctuations in nonequilibrium steady states. <i>Journal of Chemical Physics</i> , 2006, 124, 114109.	1.2	12
110	Application of the Gallavotti-Cohen fluctuation relation to thermostated steady states near equilibrium. <i>Physical Review E</i> , 2005, 71, 056120.	0.8	66
111	Coexistence of chaotic and non-chaotic states in the two-dimensional Gauss-Navier-Stokes dynamics. <i>Physica D: Nonlinear Phenomena</i> , 2004, 187, 358-369.	1.3	4
112	Current fluctuations in the nonequilibrium Lorentz gas. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 340, 274-282.	1.2	8
113	Lyapunov spectra and nonequilibrium ensembles equivalence in 2D fluid mechanics. <i>Physica D: Nonlinear Phenomena</i> , 2004, 187, 338-357.	1.3	40
114	Change in distribution function from periodic orbits. <i>Physica D: Nonlinear Phenomena</i> , 2004, 187, 377-382.	1.3	0
115	Large Fluctuations and Axiom-C Structures in Deterministically Thermostated Systems. <i>Open Systems and Information Dynamics</i> , 2003, 10, 105-133.	0.5	17
116	On some derivations of Irreversible Thermodynamics from dynamical systems theory. <i>Physica D: Nonlinear Phenomena</i> , 2002, 168-169, 341-355.	1.3	22
117	Particles, maps and irreversible thermodynamics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2002, 306, 117-128.	1.2	20
118	Comments on the Entropy of Nonequilibrium Steady States. <i>Journal of Statistical Physics</i> , 2002, 109, 895-920.	0.5	33
119	Deterministic Thermostats and Flctuation Relations. <i>Lecture Notes in Physics</i> , 2002, , 35-61.	0.3	7
120	The Gallavotti-Cohen Fluctuation Theorem for a Nonchaotic Model. <i>Journal of Statistical Physics</i> , 2000, 99, 857-872.	0.5	36
121	Gibbs entropy and irreversible thermodynamics. <i>Nonlinearity</i> , 2000, 13, 1905-1924.	0.6	34
122	Comment on "Universal Relation between the Kolmogorov-Sinai Entropy and the Thermodynamical Entropy in Simple Liquids". <i>Physical Review Letters</i> , 2000, 84, 394-394.	2.9	8
123	Fluctuation theorems for entropy production in open systems. <i>Physical Review E</i> , 2000, 61, R4679-R4682.	0.8	21
124	Fluctuations in two-dimensional reversibly damped turbulence. <i>Nonlinearity</i> , 1999, 12, 1471-1487.	0.6	33
125	Definition of temperature in equilibrium and nonequilibrium systems. <i>Physical Review E</i> , 1999, 59, R5-R8.	0.8	48
126	Tests of the linear models in a new system approach in estimate theory. <i>Mathematical and Computer Modelling</i> , 1999, 30, 139-148.	2.0	0

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127	Conservative energy discretization of Boltzmann collision operator. Quarterly of Applied Mathematics, 1999, 57, 699-721.	0.5	6
128	Orbital measures in non-equilibrium statistical mechanics: the Onsager relations. Nonlinearity, 1998, 11, 1395-1406.	0.6	13
129	Note on phase space contraction and entropy production in thermostatted Hamiltonian systems. Chaos, 1998, 8, 357-365.	1.0	47
130	Dynamical ensembles in nonequilibrium statistical mechanics and their representations. Chaos, 1998, 8, 374-383.	1.0	4
131	Applications of periodic orbit theory to N-particle systems. Journal of Statistical Physics, 1997, 86, 991-1009.	0.5	16
132	Irreversibility, diffusion and multifractal measures in thermostatted systems. Chaos, Solitons and Fractals, 1997, 8, 783-792.	2.5	8
133	Recent results for the thermostatted Lorentz gas. Physica A: Statistical Mechanics and Its Applications, 1997, 240, 84-95.	1.2	12
134	Boltzmann-like kinetic models and Boltzmann maps. Mathematical and Computer Modelling, 1997, 25, 53-67.	2.0	1
135	Thermostatted N-particle systems and orbital measures. Physics Reports, 1997, 290, 173-181.	10.3	3
136	Equivalence of "nonequilibrium" ensembles for simple maps. Physica A: Statistical Mechanics and Its Applications, 1996, 233, 767-784.	1.2	12
137	MATHEMATICAL MODELS OF CHEMICALLY REACTING GASES. Mathematical Models and Methods in Applied Sciences, 1996, 06, 245-268.	1.7	1
138	Stationary nonequilibrium ensembles for thermostated systems. Physical Review E, 1996, 53, 2143-2153.	0.8	15
139	Patterns in a reaction - diffusion system, and statistical dynamics. Nonlinearity, 1996, 9, 819-843.	0.6	1
140	Chaos and Its Impact on the Foundations of Statistical Mechanics. Australian Journal of Physics, 1996, 49, 51.	0.6	7
141	The nonequilibrium Lorentz gas. Chaos, 1995, 5, 536-551.	1.0	53
142	A dynamical partition function for the Lorentz gas. Journal of Statistical Physics, 1995, 80, 35-43.	0.5	10
143	Conjugate pairing in the three-dimensional periodic Lorentz gas. Physical Review E, 1995, 52, R5746-R5748.	0.8	12
144	Long time behavior of "X" reactions. Journal of Mathematical Physics, 1994, 35, 1778-1795.	0.5	1

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145	Breakdown of ergodic behavior in the Lorentz gas. <i>Physical Review E</i> , 1994, 50, 3416-3421.	0.8	17
146	Periodic orbit expansions for the Lorentz gas. <i>Journal of Statistical Physics</i> , 1994, 75, 553-584.	0.5	51
147	The statistical dynamics of the Brussellator. <i>Open Systems and Information Dynamics</i> , 1994, 2, 175-194.	0.5	2
148	Solutions of singular integral equations from gas dynamics and plasma physics. <i>Journal of Statistical Physics</i> , 1993, 70, 1297-1312.	0.5	5
149	Singular integral equations on the interval. <i>Transport Theory and Statistical Physics</i> , 1993, 22, 549-560.	0.4	4
150	Singular integral equations on closed contours. <i>Transport Theory and Statistical Physics</i> , 1993, 22, 723-731.	0.4	2
151	Autocatalytic reactions as dynamical systems on the interval. <i>Journal of Mathematical Physics</i> , 1993, 34, 5238-5251.	0.5	5
152	NONLINEAR BOLTZMANN MAPS IN CLASSICAL AND QUANTUM PROBABILITY. <i>QP-PQ, Quantum Probability and White Noise Analysis</i> , 1993, , 313-328.	0.1	0
153	A QUANTUM PROBABILITY THEORY FOR THE N -LEVEL ATOM. <i>QP-PQ, Quantum Probability and White Noise Analysis</i> , 1993, , 297-311.	0.1	0
154	Complex Chemical Reactions: A Probabilistic Approach. <i>Nuclear Science and Engineering</i> , 1992, 112, 392-403.	0.5	5
155	Chemical reactions as dynamical systems on the interval. <i>Journal of Statistical Physics</i> , 1992, 66, 1557-1574.	0.5	10
156	Collided-flux-expansion method for the transport of muonic deuterium in finite media. <i>Physical Review A</i> , 1991, 44, 1104-1109.	1.0	1