Victor Maslov

List of Publications by Year in Descending Order

285 papers	1,714 citations	19 h-index	28 g-index
292 ext. papers	1,826 ext. citations	0.7 avg, IF	5.61 L-index

#	Paper	IF	Citations
285	On new ideal (noninteracting) gases in supercritical thermodynamics. *Mathematical Notes*, **2015**, 97, 85-99	0.5	3
284	Van der Waals equation from the viewpoint of probability distribution and the triple point as the critical point of the liquid-to-solid transition. *Russian Journal of Mathematical Physics*, **2015**, 22, 188-200	1.4	3
283	Probability distribution for a hard liquid. *Mathematical Notes*, **2015**, 97, 909-918	0.5	2
282	On the semiclassical transition in the quantum Gibbs distribution. *Mathematical Notes*, **2015**, 97, 565-574	0.5	3
281	Gas-amorphous solid and liquid-amorphous solid phase transitions. Introduction of negative mass and pressure from the mathematical viewpoint. *Mathematical Notes*, **2015**, 97, 423-430	0.5	12
280	UD-statistics in the subcritical region. *Theoretical and Mathematical Physics(Russian Federation)*, **2015**, 182, 308-310	0.7	
279	Jump in the number of collective degrees of freedom as a phase transition of the first kind. *Mathematical Notes*, **2015**, 97, 230-242	0.5	3
278	Statistics corresponding to classical thermodynamics. Construction of isotherms. *Russian Journal of Mathematical Physics*, **2015**, 22, 53-67	1.4	5
277	Case of less than two degrees of freedom, negative pressure, and the Fermi–Dirac distribution for a hard liquid. *Mathematical Notes*, **2015**, 98, 138-157	0.5	17
276	New thermodynamics and frost cleft in conifers. *Mathematical Notes*, **2015**, 98, 343-347	0.5	4
275	Locally ideal liquid. *Russian Journal of Mathematical Physics*, **2015**, 22, 361-373	1.4	6
274	A new distribution corresponding to thermodynamics in supercritical and subcritical regions and in the region of negative pressure. *Doklady Mathematics*, **2015**, 91, 379-383	0.7	
273	Distribution corresponding to classical thermodynamics. *Physics of Wave Phenomena*, **2015**, 23, 81-95	1.2	7
272	On the introduction of the temperature standard in the undistinguishing parastatistics of objectively distinguishable objects. *Mathematical Notes*, **2014**, 95, 91-97	0.5	
271	Two-fluid picture of supercritical phenomena. *Theoretical and Mathematical Physics(Russian Federation)*, **2014**, 180, 1096-1129	0.7	7
270	Asymptotic solutions of Navier-Stokes equations and topological invariants of vector fields and Liouville foliations. *Theoretical and Mathematical Physics(Russian Federation)*, **2014**, 180, 967-982	0.7	3
269	Supercritical mesoscopic thermodynamics. *Mathematical Notes*, **2014**, 95, 670-685	0.5	1

268	What I Learned from B. M. Levitan. *Mathematical Notes*, **2014**, 96, 3-9	0.5	13
267	New parastatistics leading to classical thermodynamics: Physical interpretation. *Mathematical Notes*, **2014**, 96, 50-67	0.5	5
266	Boyle temperature as a point of ideal gas in gentile statistics and its economic interpretation. *Russian Journal of Mathematical Physics*, **2014**, 21, 373-378	1.4	1
265	Equilibrium economics with a two-strata social structure. *Mathematical Notes*, **2014**, 95, 881-885	0.5	2
264	The particle accumulation phenomenon for a positive chemical potential in the supercritical state. *Mathematical Notes*, **2014**, 95, 399-406	0.5	1
263	The relationship between the Van-Der-Waals model and the undistinguishing statistics of objectively distinguishable objects. The new parastatistics. *Russian Journal of Mathematical Physics*, **2014**, 21, 99-111	1.4	7
262	New construction of classical thermodynamics and UD-statistics. *Russian Journal of Mathematical Physics*, **2014**, 21, 256-284	1.4	8
261	Nostalgia for D.V. Anosov. *Mathematical Notes*, **2014**, 96, 307-308	0.5	
260	Violation of Carathéodory axioms at the critical point of a gas. Frenkel point as the critical point of the transition "liquid-amorphous solid" in the region of negative pressures. *Mathematical Notes*, **2014**, 96, 977-982	0.5	8
259	New parastatistics leading to classical thermodynamics: Physical interpretation. II. *Mathematical Notes*, **2014**, 96, 403-415	0.5	3
258	Supercritical and critical states of fluids: New distribution and main invariants. *Mathematical Notes*, **2014**, 96, 732-738	0.5	6
257	Calculation of the number of collective degrees of freedom and of the admissible cluster size for isotherms in the Van-der-Waals model in supercritical states. *Russian Journal of Mathematical Physics*, **2014**, 21, 494-503	1.4	8
256	On a serious mathematical error in the "Mathematical Encyclopedia" related to the solution of the Gibbs paradox. *Mathematical Notes*, **2013**, 93, 732-739	0.5	9
255	Unbounded probability theory and multistep relaxation processes, II. *Mathematical Notes*, **2013**, 93, 881-889	0.5	1
254	Unbounded probability theory and multistep relaxation processes. *Mathematical Notes*, **2013**, 93, 451-459	0.5	8
253	Old mathematical errors in statistical physics. *Russian Journal of Mathematical Physics*, **2013**, 20, 214-229	1.4	16
252	The role of macroinstrument and microinstrument and of observable quantities in the new conception of thermodynamics. *Russian Journal of Mathematical Physics*, **2013**, 20, 68-101	1.4	2
251	Effect of a measuring instrument in the "Bose condensate" of a classical gas in a phase transition and in experiments with negative pressure. *Theoretical and Mathematical Physics(Russian Federation)*, **2013**, 175, 526-558	0.7	3

250	Bose-einstein-type distribution for nonideal gas. Two-liquid model of supercritical states and its applications. *Mathematical Notes*, **2013**, 94, 231-237	0.5	
249	Unbounded Probability Theory and Its Applications. *Theory of Probability and Its Applications*, **2013**, 57, 444-467	0.5	4
248	On I. M. Gelfand's 100th anniversary. *Mathematical Notes*, **2013**, 94, 841-842	0.5	1
247	A mathematical theory of the supercritical state serving as an effective means of destruction of chemical warfare agents. *Mathematical Notes*, **2013**, 94, 532-546	0.5	2
246	The law of preference of cluster formation over passage to liquid state. II. *Mathematical Notes*, **2013**, 94, 364-368	0.5	2
245	A new approach to mathematical statistics involving the number of degrees of freedom, temperature, and symplectically conjugate quantities. *Russian Journal of Mathematical Physics*, **2013**, 20, 315-325	1.4	1
244	Undistinguishing statistics of objectively distinguishable objects: Thermodynamics and superfluidity of classical gas. *Mathematical Notes*, **2013**, 94, 722-813	0.5	51
243	Parastatistics and phase transition from a cluster as a fluctuation to a cluster as a distinguishable object. *Russian Journal of Mathematical Physics*, **2013**, 20, 468-475	1.4	
242	The law of preference of cluster formation over passage to liquid state. *Mathematical Notes*, **2013**, 94, 115-126	0.5	5
241	The mathematical theory of classical thermodynamics. *Mathematical Notes*, **2013**, 93, 102-136	0.5	6
240	The natural sequence and pores in mathematical theory of classical and quantum thermodynamics. *Mathematical Notes*, **2013**, 93, 578-582	0.5	2
239	Economics as an analog of thermodynamics: Conjugate variables. *Mathematical Notes*, **2012**, 91, 442-444	0.5	4
238	Unbounded probability theory compatible with the probability theory of numbers. *Mathematical Notes*, **2012**, 91, 697-703	0.5	4
237	Binodal for the new ideal gas and the ideal liquid. *Mathematical Notes*, **2012**, 91, 893-894	0.5	4
236	New probability theory compatible with the new conception of modern thermodynamics. Economics and crisis of debts. *Russian Journal of Mathematical Physics*, **2012**, 19, 63-100	1.4	9
235	Demonstrations in mathematics and physics. *Russian Journal of Mathematical Physics*, **2012**, 19, 203-215	1.4	6
234	A Bose condensate in the D-dimensional case, in particular, for D = 2 and 1. *Doklady Mathematics*, **2012**, 86, 700-703	0.7	
233	Taking parastatistical corrections to the Bose-Einstein distribution into account in the quantum and classical cases. *Theoretical and Mathematical Physics(Russian Federation)*, **2012**, 172, 1289-1299	0.7	1

232	On unbounded probability theory. *Mathematical Notes*, **2012**, 92, 59-63	0.5	2
231	On the possible reasons for the fall-out of the supercomputer from the world wide web. *Mathematical Notes*, **2012**, 92, 283-285	0.5	1
230	Mathematical justification for the transition to negative pressures of the new ideal liquid. *Mathematical Notes*, **2012**, 92, 402-411	0.5	10
229	On the mathematical justification of experimental and computer physics. *Mathematical Notes*, **2012** , 92, 577-579	0.5	
228	The boundary of a volume as a trap ensuring the phase transition in an ideal gas at low temperatures. *Mathematical Notes*, **2012**, 92, 657-663	0.5	4
227	The effect of a natural trap (the boundary of the volume) on the Bose distribution of quantum particles in the three-dimensional and two-dimensional cases. *Mathematical Notes*, **2012**, 92, 834-836	0.5	
226	Bose condensate in the D-Dimensional case, in particular, for D = 2. *Russian Journal of Mathematical Physics*, **2012**, 19, 317-323	1.4	3
225	Probability theory for random variables with unboundedly growing values and its applications. *Russian Journal of Mathematical Physics*, **2012**, 19, 324-339	1.4	3
224	Ideal gas/liquid transition as a generalization of the problem of Partitio numerorum *Russian Journal of Mathematical Physics*, **2012**, 19, 484-498	1.4	8
223	Critical indices as a consequence of Wiener quantization of thermodynamics. *Theoretical and Mathematical Physics(Russian Federation)*, **2012**, 170, 384-393	0.7	6
222	Wiener quantization of economics as an analog of the quantization of thermodynamics. *Mathematical Notes*, **2012**, 91, 81-89	0.5	3
221	Asymptotic solutions of the Navier-Stokes equations and systems of stretched vortices filling a three-dimensional volume. *Mathematical Notes*, **2012**, 91, 207-216	0.5	3
220	The bose distribution without bose condensate: Dependence of the chemical potential on fractal dimension. *Mathematical Notes*, **2011**, 89, 93-97	0.5	2
219	Mathematical solution of the Gibbs paradox. *Mathematical Notes*, **2011**, 89, 266-276	0.5	5
218	Gibbs paradox, liquid phase as an alternative to the bose condensate, and homogeneous mixtures of new ideal gases. *Mathematical Notes*, **2011**, 89, 366-373	0.5	9
217	On homogeneous mixtures of gases. *Mathematical Notes*, **2011**, 89, 706-711	0.5	10
216	A new approach to probability theory and thermodynamics. *Mathematical Notes*, **2011**, 90, 125-135	0.5	8
215	Fischer correspondence principle of equilibrium thermodynamics and economics. Debt crisis. *Mathematical Notes*, **2011**, 90, 291-294	0.5	3

214	Main axiom of thermodynamics and entropy of number theory: Tunnel and ultrasecond quantization. *Mathematical Notes*, **2011**, 90, 385-397	0.5	4
213	Tunnel quantization of thermodynamics and critical exponents. *Mathematical Notes*, **2011**, 90, 533-547	0.5	7
212	Asymptotic solutions of the Navier-Stokes equations describing periodic systems of localized vortices. *Mathematical Notes*, **2011**, 90, 686-700	0.5	5
211	Incompressible liquid in thermodynamics, new entropy, and the scenario for the occurrence of turbulence for the Navier-Stokes equation. *Mathematical Notes*, **2011**, 90, 859-866	0.5	
210	Mathematical conception of Phenomenological equilibrium thermodynamics. *Russian Journal of Mathematical Physics*, **2011**, 18, 440-464	1.4	6
209	Application of the canonical operator to the description of self-focusing soliton-like solutions of the Kadomtsev-Petviashvili equation. *Russian Journal of Mathematical Physics*, **2011**, 18, 505-507	1.4	
208	Mixture of new ideal gases and the solution of the Gibbs and Einstein paradoxes. *Russian Journal of Mathematical Physics*, **2011**, 18, 83-101	1.4	13
207	Number-theoretic internal energy for a gas mixture. *Russian Journal of Mathematical Physics*, **2011**, 18, 163-175	1.4	9
206	New paradigm in thermodynamics and its connection with economics and linguistics. *Russian Journal of Mathematical Physics*, **2011**, 18, 329-337	1.4	4
205	Phase transitions in real gases and ideal Bose gases. *Theoretical and Mathematical Physics(Russian Federation)*, **2011**, 167, 654-667	0.7	3
204	A homogeneous gas mixture. *Theoretical and Mathematical Physics(Russian Federation)*, **2011**, 168, 1165-1174	0.7	1
203	Universal Algorithms, Mathematics of Semirings and Parallel Computations. *Lecture Notes in Computational Science and Engineering*, **2011**, 63-89	0.3	2
202	Thermodynamics of fluids for imperfect gases with Lennard-Jones interaction potential: III. *Mathematical Notes*, **2010**, 87, 79-87	0.5	5
201	The point in helium-4 and nonholonomic clusters. *Mathematical Notes*, **2010**, 87, 298-300	0.5	6
200	Comparison of the supercritical states of fluids for imperfect gases and for a fractal ideal gas. *Mathematical Notes*, **2010**, 87, 384-391	0.5	12
199	Thermodynamic equations of state with three defining constants. *Mathematical Notes*, **2010**, 87, 728-737	0.5	15
198	Correspondence principle between T- diagrams and interaction potentials and a distribution of Bose-Einstein type. *Mathematical Notes*, **2010**, 88, 57-66	0.5	8
197	Number theory, dimension theory, and the crisis of overproduction. *Mathematical Notes*, **2010**, 88, 402-413	0.5	

196	Estimates in number theory and phase transition to the superfluid state for He3 and He4. *Mathematical Notes*, **2010**, 88, 516-523	0.5	2
195	New critical points for the liquid phase and the construction of thermodynamics depending on the interaction potential. *Mathematical Notes*, **2010**, 88, 723-731	0.5	9
194	On the hydrodynamics of fluids. *Mathematical Notes*, **2010**, 88, 905-907	0.5	1
193	Tropical mathematics and the financial catastrophe of the 17th century. Thermoeconomics of Russia in the early 20th century. *Russian Journal of Mathematical Physics*, **2010**, 17, 126-140	1.4	4
192	On an ideal gas related to the law of corresponding states. *Russian Journal of Mathematical Physics*, **2010**, 17, 240-250	1.4	16
191	Solution of the gibbs paradox using the notion of entropy as a function of the fractal dimension. *Russian Journal of Mathematical Physics*, **2010**, 17, 288-306	1.4	19
190	The intertwining of two lifelines in Memoriam of V. I. Arnold. *Russian Journal of Mathematical Physics*, **2010**, 17, 395-398	1.4	
189	Hypothetic □point for noble gases. *Russian Journal of Mathematical Physics*, **2010**, 17, 454-467	1.4	4
188	New global distributions in number theory and their applications. *Journal of Fixed Point Theory and Applications*, **2010**, 8, 81-111	1.4	5
187	A new approach to phase transitions, thermodynamics, and hydrodynamics. *Theoretical and Mathematical Physics(Russian Federation)*, **2010**, 165, 1699-1720	0.7	5
186	Bose condensate in the two-dimensional case, the □point, and the Thiess-Landau two-fluid model. *Theoretical and Mathematical Physics(Russian Federation)*, **2009**, 159, 561-562	0.7	4
185	A new distribution generalizing the Bose-Einstein distribution. *Theoretical and Mathematical Physics(Russian Federation)*, **2009**, 159, 684-685	0.7	5
184	Fluid thermodynamics: Qualitative consideration. *Theoretical and Mathematical Physics(Russian Federation)*, **2009**, 161, 1513-1528	0.7	3
183	Fluid thermodynamics, energy redistribution law, two-dimensional condensate, and T map. *Theoretical and Mathematical Physics(Russian Federation)*, **2009**, 161, 1681-1713	0.7	6
182	Theorems on the debt crisis and the occurrence of inflation. *Mathematical Notes*, **2009**, 85, 146-150	0.5	17
181	On the boundedness law for the number of words in an overabundant dictionary. *Mathematical Notes*, **2009**, 85, 296-301	0.5	1
180	Threshold levels in economics and time series. *Mathematical Notes*, **2009**, 85, 305-321	0.5	21
179	On explosive flicker noises. *Mathematical Notes*, **2009**, 85, 607-609	0.5	1

178	On the new distribution generalizing the Gibbs, Bose-Einstein, and Pareto distributions. *Mathematical Notes*, **2009**, 85, 613-622	0.5	5
177	On the boundedness law for the number of words in an overabundant dictionary. II. *Mathematical Notes*, **2009**, 85, 906-907	0.5	
176	Thermodynamics of fluids as a consequence of distribution theory for Diophantine equations. *Mathematical Notes*, **2009**, 86, 3-9	0.5	7
175	Thermodynamics of fluids for a relativistic gas as a consequence of distribution theory for diophantine equations. *Mathematical Notes*, **2009**, 86, 293-297	0.5	7
174	On the Þpoint for classical gases and superfluidity in nanotubes. *Mathematical Notes*, **2009**, 86, 385-399	0.5	2
173	Thermodynamics of fluids for imperfect gases with Lennard-Jones interaction potential. I. *Mathematical Notes*, **2009**, 86, 522-529	0.5	13
172	Thermodynamics of fluids for imperfect gases with Lennard-Jones interaction potential: II (law of redestribution of energies). *Mathematical Notes*, **2009**, 86, 605-611	0.5	13
171	Mathematical economics and thermodynamics: Crises as phase transitions. *Mathematical Notes*, **2009**, 86, 879-882	0.5	1
170	High-temperature processes in a porous medium. *High Temperature*, **2009**, 47, 223-227	0.8	4
169	Theory of chaos and its application to the crisis of debts and the origin of inflation. *Russian Journal of Mathematical Physics*, **2009**, 16, 103-120	1.4	23
168	On the appearance of the Þpoint in a weakly nonideal Bose gas and the two-liquid Thiess-Landau model. *Russian Journal of Mathematical Physics*, **2009**, 16, 146-165	1.4	22
167	Phase transitions of the first and second kind as economic crises. Abstract thermodynamics of fluids. *Russian Journal of Mathematical Physics*, **2009**, 16, 323-344	1.4	3
166	Similarity laws in thermodynamics: Monomers and dimers and their relations to crises in society. *Russian Journal of Mathematical Physics*, **2009**, 16, 492-507	1.4	6
165	Quasithermodynamics and a correction to the Stefan-Boltzmann law. *Mathematical Notes*, **2008**, 83, 72-79	0.5	5
164	On the distribution of integer random variables related by a certain linear inequality: I. *Mathematical Notes*, **2008**, 83, 211-237	0.5	19
163	On the exact solution of the four-row matrix corresponding to the variational equations for ultrasecond quantization problems. *Mathematical Notes*, **2008**, 83, 274-278	0.5	
162	On the distribution of integer random variables related by a certain linear inequality: II. *Mathematical Notes*, **2008**, 83, 345-363	0.5	7
161	On the number of eigenvalues for a Gibbs ensemble of self-adjoint operators. *Mathematical Notes*, **2008**, 83, 424-427	0.5	4

160	On the distribution of integer random variables related by two linear inequalities: I. *Mathematical Notes*, **2008**, 83, 512-529	0.5	3
159	Solution of the Gibbs paradox in the framework of classical mechanics (Statistical Physics) and crystallization of the gas C 60. *Mathematical Notes*, **2008**, 83, 716-722	0.5	8
158	Taking into account the interaction between particles in the new nucleation theory, quasiparticles, quantization of vortices, and the two-particle distribution function. *Mathematical Notes*, **2008**, 83, 790-803	0.5	3
157	On the distribution of integer random variables related by a certain linear inequality: III. *Mathematical Notes*, **2008**, 83, 804-820	0.5	4
156	Comparison of the new nucleation theory with experimental data. *Mathematical Notes*, **2008**, 84, 64-72	0.5	1
155	On the distribution of integer random variables satisfying two linear relations. *Mathematical Notes*, **2008**, 84, 73-99	0.5	3
154	New distributions in classical physics. *Mathematical Notes*, **2008**, 84, 290-296	0.5	2
153	On a new universal constant in ideal gas theory in a nanoporous medium. *Mathematical Notes*, **2008** , 84, 439-441	0.5	1
152	Thermodynamics of nanostructures. *Mathematical Notes*, **2008**, 84, 592-595	0.5	
151	Transition to the condensate state for classical gases and clusterization. *Mathematical Notes*, **2008**, 84, 795-813	0.5	
150	Quasithermodynamic correction to the Stefan-Boltzmann law. *Theoretical and Mathematical Physics(Russian Federation)*, **2008**, 154, 175-176	0.7	10
149	Generalization of the Bardeen-Cooper-Schrieffer method for pair interactions. *Theoretical and Mathematical Physics(Russian Federation)*, **2008**, 154, 495-502	0.7	1
148	Gibbs and Bose-Einstein distributions for an ensemble of self-adjoint operators in classical mechanics. *Theoretical and Mathematical Physics(Russian Federation)*, **2008**, 155, 775-779	0.7	5
147	Refinement of a criterion for superfluidity of a classical liquid in a nanotube. *Theoretical and Mathematical Physics(Russian Federation)*, **2008**, 155, 959-963	0.7	
146	Taking the particle interaction into account in a new concept of nucleation theory. *Theoretical and Mathematical Physics(Russian Federation)*, **2008**, 156, 1228-1229	0.7	
145	New concept of the nucleation process. *Theoretical and Mathematical Physics(Russian Federation)*, **2008**, 156, 1101-1102	0.7	1
144	A correction to the Maxwell distribution and the Bose-Einstein-type distribution in classical physics. *Theoretical and Mathematical Physics(Russian Federation)*, **2008**, 157, 1491-1495	0.7	4
143	New distribution formulas for classical gas, clusters, and phase transitions. *Theoretical and Mathematical Physics(Russian Federation)*, **2008**, 157, 1577-1594	0.7	7

142	Clustering in an ideal gas in nanostructures as a Bose-condensation-type phenomenon in an asymptotically probabilistically quantized space. *Theoretical and Mathematical Physics(Russian Federation)*, **2008**, 157, 1760-1761	0.7	
141	Steady cooling and global overheating processes in a hazardous reactor. *Prikladnaya Matematika I Mekhanika*, **2008**, 72, 689-693		2
140	Superheating behavior in a breakdown reactor. *Doklady Physics*, **2008**, 53, 454-457	0.8	4
139	On the superfluidity of classical liquid in nanotubes, IV. *Russian Journal of Mathematical Physics*, **2008**, 15, 280-290	1.4	3
138	New theory of nucleation. *Russian Journal of Mathematical Physics*, **2008**, 15, 332-342	1.4	3
137	New look at thermodynamics of gas and at clusterization. *Russian Journal of Mathematical Physics*, **2008**, 15, 493-510	1.4	14
136	General notion of a topological space of negative dimension and quantization of its density. *Mathematical Notes*, **2007**, 81, 140-144	0.5	4
135	Densities of lattices corresponding to spaces of positive, negative, and variational dimension, and their application to time series. *Mathematical Notes*, **2007**, 81, 222-233	0.5	1
134	Parastatistics and the general theorem of probability theory as applied to risk-free investments. *Mathematical Notes*, **2007**, 81, 422-425	0.5	0
133	On a problem in probability theory. *Mathematical Notes*, **2007**, 81, 788-799	0.5	2
132	Ultrasecond quantization at temperatures distinct from zero. *Mathematical Notes*, **2007**, 82, 47-51	0.5	
131	On the dispersion law of the form e(p) = □2 p 2/2m + (tilde V)(p) □(tilde V)(0) for elementary excitations of a nonideal fermi gas in the pair interaction approximation (i <-lj), V(|x x □x j |). *Mathematical Notes*, **2007**, 82, 619-634	0.5	5
130	Secondary dequantization in algebraic and tropical geometry. *Mathematical Notes*, **2007**, 82, 860-862	0.5	1
129	Production of tantalum capacitor powders with a large specific surface area. *Theoretical Foundations of Chemical Engineering*, **2007**, 41, 585-588	0.9	2
128	Condition for the absence of reactor superheating: Estimation of the critical constant. *Doklady Physics*, **2007**, 52, 415-417	0.8	7
127	Revision of probability theory from the point of view of quantum statistics. *Russian Journal of Mathematical Physics*, **2007**, 14, 66-95	1.4	33
126	On the superfluidity of classical liquid in nanotubes, I. Case of even number of neutrons. *Russian Journal of Mathematical Physics*, **2007**, 14, 304-318	1.4	24
125	On the superfluidity of classical liquid in nanotubes, II. Case of odd number of neutrons. *Russian Journal of Mathematical Physics*, **2007**, 14, 453-464	1.4	16

124	A sufficient condition for a riskless distribution of investments. *Doklady Mathematics*, **2007**, 75, 299-303	0.7	
123	Quantization of topological spaces of negative dimension, parastatistics, and distribution of dependent random variables. *Doklady Mathematics*, **2007**, 75, 424-427	0.7	
122	Ultrasecondary quantization of fermions at nonzero temperature. *Doklady Mathematics*, **2007**, 76, 718-721	0.7	
121	Secondary dequantization. *Doklady Mathematics*, **2007**, 76, 944-944	0.7	
120	Zeroth-order phase transitions and Zipf law quantization. *Theoretical and Mathematical Physics(Russian Federation)*, **2007**, 150, 102-122	0.7	2
119	A theorem on parastatistics and its application. *Theoretical and Mathematical Physics(Russian Federation)*, **2007**, 150, 436-437	0.7	3
118	Nonstandard analysis, parastatistics, and fractals. *Theoretical and Mathematical Physics(Russian Federation)*, **2007**, 153, 1575-1581	0.7	4
117	Superfluidity of classical liquid in a nanotube for even and odd numbers of neutrons in a molecule. *Theoretical and Mathematical Physics(Russian Federation)*, **2007**, 153, 1677-1696	0.7	12
116	Thermo- and Gas-Dynamical Processes in NPPs after Accidents. *Theory of Probability and Its Applications*, **2007**, 51, 513-517	0.5	
115	Application of the canonical operator in thermodynamics. *Doklady Mathematics*, **2006**, 74, 791-794	0.7	
114	Minimization of the statistical risk of purchases at the market of realty and consumer durables. *Doklady Mathematics*, **2006**, 74, 887-888	0.7	2
113	On operational risks. *Doklady Mathematics*, **2006**, 74, 914-916	0.7	
112	Distribution of investments in the stock market, information types, and algorithmic complexity. *Problems of Information Transmission*, **2006**, 42, 251-261	1.1	
111	Quantum linguistic statistics. *Russian Journal of Mathematical Physics*, **2006**, 13, 315-325	1.4	22
110	Rapidly oscillating asymptotic solutions of the Navier-Stokes equations, coherent structures, Fomenko invariants, Kolmogorov spectrum, and flicker noise. *Russian Journal of Mathematical Physics*, **2006**, 13, 414-424	1.4	13
109	Tunnel canonical operator in thermodynamics. *Functional Analysis and Its Applications*, **2006**, 40, 173-187	0.4	10
108	A refinement of the Zipf-Mandelbrot law and the lacunarity in an ideal gas. *Theoretical and Mathematical Physics(Russian Federation)*, **2006**, 147, 876-877	0.7	4
107	Bose gas of anharmonic oscillators and refinement of the ZIPF law. *Theoretical and Mathematical Physics(Russian Federation)*, **2006**, 148, 1295-1296	0.7	1

106	Bose-Einstein-type distribution applied to flicker noise and turbulence. *Theoretical and Mathematical Physics(Russian Federation)*, **2006**, 149, 1574-1575	0.7	
105	The lack-of-preference law and the corresponding distributions in frequency probability theory. *Mathematical Notes*, **2006**, 80, 214-223	0.5	8
104	On a new rank distribution. *Mathematical Notes*, **2006**, 80, 447-448	0.5	
103	On the minimization of operational risks. *Mathematical Notes*, **2006**, 80, 539-541	0.5	0
102	On Zipf law and rank distributions in linguistics and semiotics. *Mathematical Notes*, **2006**, 80, 679-691	0.5	8
101	Negative asymptotic topological dimension, a new condensate, and their relation to the quantized Zipf law. *Mathematical Notes*, **2006**, 80, 806-813	0.5	3
100	Nonlinear Financial Averaging, the Evolution Process, and Laws of Econophysics. *Theory of Probability and Its Applications*, **2005**, 49, 221-244	0.5	2
99	Dependence of the Superfluidity Criterion on the Capillary Radius. *Theoretical and Mathematical Physics(Russian Federation)*, **2005**, 143, 741-759	0.7	8
98	Refinement of the Gibbs and Bose-Einstein Distributions. *Theoretical and Mathematical Physics(Russian Federation)*, **2005**, 145, 1749-1752	0.7	4
97	Nonlinear Averages in Economics. *Mathematical Notes*, **2005**, 78, 347-363	0.5	20
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