Andrei Khrennikov

List of Publications by Year
in descending order

318	6,822	94433	161849
papers	citations	37 h-index	54 g-index

336	336	336	913
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Non-Archimedean Analysis: Quantum Paradoxes, Dynamical Systems and Biological Models. , 1997, , .		289
2	p-Adic Valued Distributions in Mathematical Physics. , 1994, , .		262
3	Contextual Approach to Quantum Formalism. , 2009, , .		201
4	Quantum-like model of brain's functioning: Decision making from decoherence. Journal of Theoretical Biology, 2011, 281, 56-64.	1.7	121
5	Quantum-like brain: â€œInterference of mindsâ€• BioSystems, 2006, 84, 225-241.	2.0	119
6	Quantum Models for Psychological Measurements: An Unsolved Problem. PLoS ONE, 2014, 9, e110909.	2.5	93
7	Some remarks on an experiment suggesting quantum-like behavior of cognitive entities and formulation of an abstract quantum mechanical formalism to describe cognitive entity and its dynamics. Chaos, Solitons and Fractals, 2007, 31, 1076-1088.	5.1	92
8	Human Subconscious as ap-adic Dynamical System. Journal of Theoretical Biology, 1998, 193, 179-196.	1.7	86
9	On Quantum-Like Probabilistic Structure of Mental Information. Open Systems and Information Dynamics, 2004, 11, 267-275.	1.2	82
10	A pre-quantum classical statistical model with infinite-dimensional phase space. Journal of Physics A, 2005, 38, 9051-9073.	1.6	78
11	Quantum-like model of cognitive decision making and information processing. BioSystems, 2009, 95, 179-187.	2.0	78
12	p-Adic mathematical physics: the first 30 years. P-Adic Numbers, Ultrametric Analysis, and Applications, 2017, 9, 87-121.	0.4	77
13	An Application of the Theory of Open Quantum Systems to Model the Dynamics of Party Governance in the US Political System. International Journal of Theoretical Physics, 2014, 53, 1346-1360.	1.2	76
14	Nonlinear SchrÃ¶dinger equations from prequantum classical statistical field theory. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 357, 171-176.	2.1	75
15	Memory retrieval as a p-adic dynamical system. BioSystems, 1999, 49, 105-115.	2.0	72
16	Linear representations of probabilistic transformations induced by context transitions. Journal of Physics A, 2001, 34, 9965-9981.	1.6	71
17	The Principle of Supplementarity: A Contextual Probabilistic Viewpoint to Complementarity, the Interference of Probabilities and Incompatibility of Variables in Quantum Mechanics. Foundations of Physics, 2005, 35, 1655-1693.	1.3	68
18	Quantum-like dynamics of decision-making. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 2083-2099.	2.6	67

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19	Quantum-Like Model for Decision Making Process inÂTwo Players Game. Foundations of Physics, 2011, 41, 538-548.	1.3	60
20	Generalizations of Quantum Mechanics Induced by Classical Statistical Field Theory. Foundations of Physics Letters, 2005, 18, 637-650.	0.6	59
21	Quantum Adaptivity in Biology: From Genetics to Cognition. , 2015, , .		58
22	Bell-Boole Inequality: Nonlocality or Probabilistic Incompatibility of Random Variables?. Entropy, 2008, 10, 19-32.	2.2	56
23	Quantum-like formalism for cognitive measurements. BioSystems, 2003, 70, 211-233.	2.0	52
24	Violation of contextual generalization of the Leggettâ€“Garg inequality for recognition of ambiguous figures. Physica Scripta, 2014, T163, 014006.	2.5	51
25	A Preliminary Experimental Verification On the Possibility of Bell Inequality Violation in Mental States. NeuroQuantology, 2008, 6, .	0.2	51
26	Quantum Information Biology: From Information Interpretation of Quantum Mechanics to Applications in Molecular Biology and Cognitive Psychology. Foundations of Physics, 2015, 45, 1362-1378.	1.3	50
27	Quantum Markov Model for Data from Shafir-Tversky Experiments in Cognitive Psychology. Open Systems and Information Dynamics, 2009, 16, 371-385.	1.2	46
28	CHSH Inequality: Quantum Probabilities as Classical Conditional Probabilities. Foundations of Physics, 2015, 45, 711-725.	1.3	46
29	Ap-Adic Model for the Process of Thinking Disturbed by Physiological and Information Noise. Journal of Theoretical Biology, 1999, 197, 451-467.	1.7	45
30	Quantum-like model of processing of information in the brain based on classical electromagnetic field. BioSystems, 2011, 105, 250-262.	2.0	44
31	Reality Without Realism: On the Ontological and Epistemological Architecture of Quantum Mechanics. Foundations of Physics, 2015, 45, 1269-1300.	1.3	44
32	A quantum-like model of selection behavior. Journal of Mathematical Psychology, 2017, 78, 2-12.	1.8	44
33	Quantum probability in decision making from quantum information representation of neuronal states. Scientific Reports, 2018, 8, 16225.	3.3	43
34	Classical (Local and Contextual) Probability Model for Bohmâ€“Bell Type Experiments: No-Signaling as Independence of Random Variables. Entropy, 2019, 21, 157.	2.2	43
35	Non-Kolmogorov probability models and modified Bellâ€™s inequality. Journal of Mathematical Physics, 2000, 41, 1768-1777.	1.1	42
36	On Application of Gorini-Kossakowski-Sudarshan-Lindblad Equation in Cognitive Psychology. Open Systems and Information Dynamics, 2011, 18, 55-69.	1.2	42

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37	True contextuality beats direct influences in human decision making.. Journal of Experimental Psychology: General, 2019, 148, 1925-1937.	2.1	42
38	Possibility to agree on disagree from quantum information and decision making. Journal of Mathematical Psychology, 2014, 62-63, 1-15.	1.8	41
39	Get Rid of Nonlocality from Quantum Physics. Entropy, 2019, 21, 806.	2.2	41
40	Representation of the Kolmogorov model having all distinguishing features of quantum probabilistic model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 316, 279-296.	2.1	40
41	Quantum-like generalization of the Bayesian updating scheme for objective and subjective mental uncertainties. Journal of Mathematical Psychology, 2012, 56, 166-175.	1.8	39
42	Nontrivial quantum and quantum-like effects in biosystems: Unsolved questions and paradoxes. Progress in Biophysics and Molecular Biology, 2015, 119, 137-161.	2.9	38
43	Quantum Bayesianism as the basis of general theory of decision-making. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150245.	3.4	38
44	Prequantum Classical Statistical Field Theory: Complex Representation, Hamilton-SchrÃ¶dinger Equation, and Interpretation of Stationary States. Foundations of Physics Letters, 2006, 19, 299-319.	0.6	37
45	Quantum-like model for the adaptive dynamics of the genetic regulation of E. coliâ€™s metabolism of glucose/lactose. Systems and Synthetic Biology, 2012, 6, 1-7.	1.0	37
46	A model of epigenetic evolution based on theory of open quantum systems. Systems and Synthetic Biology, 2013, 7, 161-173.	1.0	37
47	T-functions revisited: new criteria for bijectivity/transitivity. Designs, Codes, and Cryptography, 2014, 71, 383-407.	1.6	36
48	Modeling Fluidâ€™s Dynamics with Master Equations in Ultrametric Spaces Representing the Treelike Structure of Capillary Networks. Entropy, 2016, 18, 249.	2.2	36
49	Frequency Analysis of the EPR-Bell Argumentation. Foundations of Physics, 2002, 32, 1159-1174.	1.3	35
50	Non-Kolmogorovian Approach to the Context-Dependent Systems Breaking the Classical Probability Law. Foundations of Physics, 2013, 43, 895-911.	1.3	35
51	ON ERGODIC BEHAVIOR OF p-ADIC DYNAMICAL SYSTEMS. Infinite Dimensional Analysis, Quantum Probability and Related Topics, 2001, 04, 569-577.	0.5	34
52	Born's rule from classical random fields. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 6588-6592.	2.1	34
53	Application of p-Adic Wavelets to Model Reactionâ€“Diffusion Dynamics in Random Porous Media. Journal of Fourier Analysis and Applications, 2016, 22, 809-822.	1.0	34
54	Quantum probability updating from zero priors (by-passing Cromwellâ€™s rule). Journal of Mathematical Psychology, 2017, 77, 58-69.	1.8	34

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55	Contextual viewpoint to quantum stochastics. Journal of Mathematical Physics, 2003, 44, 2471.	1.1	33
56	Quantum-like modeling of cognition. Frontiers in Physics, 2015, 3, .	2.1	33
57	Quantum Versus Classical Entanglement: Eliminating the Issue of Quantum Nonlocality. Foundations of Physics, 2020, 50, 1762-1780.	1.3	33
58	Criteria of measure-preserving for p -adic dynamical systems in terms of the van der Put basis. Journal of Number Theory, 2013, 133, 484-491.	0.4	32
59	Quantum-like model of unconsciousâ€“conscious dynamics. Frontiers in Psychology, 2015, 6, 997.	2.1	32
60	Quantum field inspired model of decision making: Asymptotic stabilization of belief state via interaction with surrounding mental environment. Journal of Mathematical Psychology, 2018, 82, 159-168.	1.8	32
61	A perturbation of CHSH inequality induced by fluctuations of ensemble distributions. Journal of Mathematical Physics, 2000, 41, 5934-5944.	1.1	31
62	On the Number of Cycles of p-adic Dynamical Systems. Journal of Number Theory, 2001, 90, 255-264.	0.4	31
63	Quantum like modeling of decision making: Quantifying uncertainty with the aid of Heisenbergâ€“Robertson inequality. Journal of Mathematical Psychology, 2018, 84, 49-56.	1.8	31
64	Two Faced Janus of Quantum Nonlocality. Entropy, 2020, 22, 303.	2.2	31
65	Probabilistic pathway representation of cognitive information. Journal of Theoretical Biology, 2004, 231, 597-613.	1.7	30
66	Quantum Model for Psychological Measurements: From the Projection Postulate to Interference of Mental Observables Represented As Positive Operator Valued Measures. NeuroQuantology, 2014, 12, .	0.2	30
67	Towards Information Lasers. Entropy, 2015, 17, 6969-6994.	2.2	30
68	Classical and quantum dynamics on p-adic trees of ideas. BioSystems, 2000, 56, 95-120.	2.0	29
69	Ensemble fluctuations and the origin of quantum probabilistic rule. Journal of Mathematical Physics, 2002, 43, 789-802.	1.1	29
70	Classical signal model for quantum channels. Journal of Russian Laser Research, 2010, 31, 462-468.	0.6	29
71	Quantum-like interference effect in gene expression: glucose-lactose destructive interference. Systems and Synthetic Biology, 2011, 5, 59-68.	1.0	29
72	Phase transitions, collective emotions and decision-making problem in heterogeneous social systems. Scientific Reports, 2019, 9, 18039.	3.3	29

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73	Applying quantum principles to psychology. Physica Scripta, 2014, T163, 014007.	2.5	28
74	A model of adaptive decision-making from representation of information environment by quantum fields. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20170162.	3.4	28
75	Bohr against Bell: complementarity versus nonlocality. Open Physics, 2017, 15, 734-738.	1.7	27
76	Quantum-like model of subjective expected utility. Journal of Mathematical Economics, 2018, 78, 150-162.	0.8	27
77	Quantum-like model of diauxie in Escherichia coli: Operational description of precultivation effect. Journal of Theoretical Biology, 2012, 314, 130-137.	1.7	26
78	Quantum Methods in Social Science. , 2017, , .		26
79	Hyperbolic quantum mechanics. Advances in Applied Clifford Algebras, 2003, 13, 1-9.	1.0	25
80	Contextual approach to quantum mechanics and the theory of the fundamental prespace. Journal of Mathematical Physics, 2004, 45, 902-921.	1.1	25
81	Test of the noâ€signaling principle in the Hensen loopholeâ€free CHSH experiment. Fortschritte Der Physik, 2017, 65, 1600096.	4.4	25
82	Quantum-like modeling in biology with open quantum systems and instruments. BioSystems, 2021, 201, 104328.	2.0	25
83	Statistical and subjective interpretations of probability in quantum-like models of cognition and decision making. Journal of Mathematical Psychology, 2016, 74, 82-91.	1.8	24
84	Application of Theory of Quantum Instruments to Psychology: Combination of Question Order Effect with Response Replicability Effect. Entropy, 2020, 22, 37.	2.2	24
85	Contextualist viewpoint to Greenbergerâ€“Horneâ€“Zeilinger paradox. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 278, 307-314.	2.1	23
86	Fractal fluctuations and quantum-like chaos in the brain by analysis of variability of brain waves: A new method based on a fractal variance function and random matrix theory: A link with El Naschie fractal Cantorian spaceâ€“time and V. Weiss and H. Weiss golden ratio in brain. Chaos, Solitons and Fractals, 2009, 41, 2790-2800.	5.1	23
87	â€˜Social Laserâ€™: action amplification by stimulated emission of social energy. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150094.	3.4	23
88	Quantum version of Aumannâ€™s approach to common knowledge: Sufficient conditions of impossibility to agree on disagree. Journal of Mathematical Economics, 2015, 60, 89-104.	0.8	22
89	Decompositions of Gelfandâ€“Shilov kernels into kernels of similar class. Journal of Mathematical Analysis and Applications, 2012, 396, 315-322.	1.0	21
90	Adelic Multiresolution Analysis, Construction of Wavelet Bases and Pseudo-Differential Operators. Journal of Fourier Analysis and Applications, 2013, 19, 1323-1358.	1.0	21

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91	p-Adic Analogue of the Porous Medium Equation. Journal of Fourier Analysis and Applications, 2018, 24, 1401-1424.	1.0	21
92	Modeling combination of question order effect, response replicability effect, and QQ-equality with quantum instruments. Journal of Mathematical Psychology, 2021, 100, 102491.	1.8	21
93	A model of differentiation in quantum bioinformatics. Progress in Biophysics and Molecular Biology, 2017, 130, 88-98.	2.9	21
94	Attractors of random dynamical systems over p-adic numbers and a model of â€˜noisyâ€™ cognitive processes. Physica D: Nonlinear Phenomena, 1999, 130, 1-12.	2.8	20
95	Linear fraction P-Adic and adelic dynamical systems. Reports on Mathematical Physics, 2007, 60, 55-68.	0.8	20
96	Description of Composite Quantum Systems by Means of Classical Random Fields. Foundations of Physics, 2010, 40, 1051-1064.	1.3	20
97	Can Quantum Information be Processed by Macroscopic Systems?. Quantum Information Processing, 2007, 6, 401-429.	2.2	19
98	On the equivalence of the Clauserâ€“Horne and Eberhard inequality based tests. Physica Scripta, 2014, T163, 014019.	2.5	18
99	On the Possibility to Combine the Order Effect with Sequential Reproducibility for Quantum Measurements. Foundations of Physics, 2015, 45, 1379-1393.	1.3	18
100	Formal foundations for the origins of human consciousness. P-Adic Numbers, Ultrametric Analysis, and Applications, 2016, 8, 249-279.	0.4	18
101	On Interpretational Questions for Quantum-Like Modeling of Social Lasing. Entropy, 2018, 20, 921.	2.2	18
102	Representation Theorem of Observables on a Quantum System. International Journal of Theoretical Physics, 2006, 45, 469-482.	1.2	17
103	To quantum averages through asymptotic expansion of classical averages on infinite-dimensional space. Journal of Mathematical Physics, 2007, 48, 013512.	1.1	17
104	Subquantum detection theoryâ€”SDT. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 287-292.	2.7	17
105	Bell argument: Locality or realism? Time to make the choice. , 2012, , .		17
106	Quantum epistemology from subquantum ontology: Quantum mechanics from theory of classical random fields. Annals of Physics, 2017, 377, 147-163.	2.8	17
107	After Bell. Fortschritte Der Physik, 2017, 65, 1600044.	4.4	17
108	Pairwise correlations in a three-partite quantum system from a prequantum random field. Journal of Russian Laser Research, 2010, 31, 191-200.	0.6	16

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109	Violation of Bell's Inequality and Postulate on Simultaneous Measurement of Compatible Observables. Journal of Computational and Theoretical Nanoscience, 2011, 8, 1006-1010.	0.4	16
110	Criteria of ergodicity for p-adic dynamical systems in terms of coordinate functions. Chaos, Solitons and Fractals, 2014, 60, 11-30.	5.1	16
111	Social laser model: from color revolutions to Brexit and election of Donald Trump. Kybernetes, 2018, 47, 273-288.	2.2	16
112	Is the Devil in h?. Entropy, 2021, 23, 632.	2.2	16
113	Representation of the Universe as a Dendrogramic Hologram Endowed with Relational Interpretation. Entropy, 2021, 23, 584.	2.2	16
114	Hysteresis model of unconscious-conscious interconnection: Exploring dynamics on m-adic trees. P-Adic Numbers, Ultrametric Analysis, and Applications, 2015, 7, 312-321.	0.4	15
115	A Quantum-Like Model of Information Processing in the Brain. Applied Sciences (Switzerland), 2020, 10, 707.	2.5	15
116	Information overload for (bounded) rational agents. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202957.	2.6	15
117	Single, Complete, Probability Spaces Consistent With EPR-Bohm-Bell Experimental Data. , 2009, , .		14
118	Prequantum Classical Statistical Field Theory: SchrÃ¶dinger Dynamics of Entangled Systems asÂaÂClassical Stochastic Process. Foundations of Physics, 2011, 41, 317-329.	1.3	14
119	Solvability of the p-adic Analogue of Navierâ€“Stokes Equation via the Wavelet Theory. Entropy, 2019, 21, 1129.	2.2	14
120	Analysis of explicit and implicit assumptions in the theorems of J. Von Neumann and J. Bell. Journal of Russian Laser Research, 2007, 28, 244-254.	0.6	13
121	The role of von Neumann and LÃ¼ders postulates in the Einstein, Podolsky, and Rosen considerations: Comparing measurements with degenerate and nondegenerate spectra. Journal of Mathematical Physics, 2008, 49, 052102.	1.1	13
122	Detection Model Based on Representation of Quantum Particles by Classical Random Fields: Bornâ€™s Rule and Beyond. Foundations of Physics, 2009, 39, 997-1022.	1.3	13
123	An analogue of the Heisenberg uncertainty relation in prequantum classical field theory. Physica Scripta, 2010, 81, 065001.	2.5	13
124	QUANTUM PROBABILITY FROM CLASSICAL SIGNAL THEORY. International Journal of Quantum Information, 2011, 09, 281-292.	1.1	13
125	Born's rule from measurements of classical signals by threshold detectors which are properly calibrated. Journal of Modern Optics, 2012, 59, 667-678.	1.3	13
126	Preface of the Special Issue Quantum Foundations: Theory and Experiment. Foundations of Physics, 2012, 42, 721-724.	1.3	13

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127	Cognitive processes of the brain: An ultrametric model of information dynamics in unconsciousness. P-Adic Numbers, Ultrametric Analysis, and Applications, 2014, 6, 293-302.	0.4	13
128	p-Adic wavelets and their applications. Proceedings of the Steklov Institute of Mathematics, 2014, 285, 157-196.	0.3	13
129	Hertzâ€™s Viewpoint on Quantum Theory. Activitas Nervosa Superior, 2019, 61, 24-30.	0.4	13
130	Concept of information laser: from quantum theory to behavioural dynamics. European Physical Journal: Special Topics, 2019, 227, 2133-2153.	2.6	13
131	Quantum postulate vs. quantum nonlocality: on the role of the Planck constant in Bellâ€™s argument. Foundations of Physics, 2021, 51, 1.	1.3	13
132	ORIGIN OF QUANTUM PROBABILITIES. , 2001, , .		13
133	Interference of probabilities in the classical probabilistic framework. Fuzzy Sets and Systems, 2005, 155, 4-17.	2.7	12
134	Violation of Bellâ€™s Inequality and non-Kolmogorovness. , 2009, , .		12
135	Quantum non-objectivity from performativity of quantum phenomena. Physica Scripta, 2014, T163, 014020.	2.5	12
136	Small denominators in complex p-adic dynamics. Indagationes Mathematicae, 2001, 12, 177-189.	0.4	11
137	Kolmogorov Probability Spaces Describing Accardi Models of Quantum Correlations. Open Systems and Information Dynamics, 2005, 12, 371-384.	1.2	11
138	Classical signal model reproducing quantum probabilities for single and coincidence detections. Journal of Physics: Conference Series, 2012, 361, 012030.	0.4	11
139	Bornâ€™s formula from statistical mechanics of classical fields and theory of hitting times. Physica A: Statistical Mechanics and Its Applications, 2014, 393, 207-221.	2.6	11
140	Quantum probability and the mathematical modelling of decision-making. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150105.	3.4	11
141	Generalization of Hensel's lemma: Finding the roots of p-adic Lipschitz functions. Journal of Number Theory, 2016, 158, 217-233.	0.4	11
142	Quantum-like model of partially directed evolution. Progress in Biophysics and Molecular Biology, 2017, 125, 36-51.	2.9	11
143	Multidimensional nonlinear pseudo-differential evolution equation with p-adic spatial variables. Journal of Pseudo-Differential Operators and Applications, 2020, 11, 311-343.	0.7	11
144	Roots of quantum computing supremacy: superposition, entanglement, or complementarity?. European Physical Journal: Special Topics, 2021, 230, 1053-1057.	2.6	11

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145	EEG p-adic quantum potential accurately identifies depression, schizophrenia and cognitive decline. PLoS ONE, 2021, 16, e0255529.	2.5	11
146	Quantum-like model for unconsciousâ€“conscious interaction and emotional coloring of perceptions and other conscious experiences. BioSystems, 2021, 208, 104471.	2.0	11
147	Reconstruction of quantum theory on the basis of the formula of total probability. AIP Conference Proceedings, 2005, , .	0.4	10
148	Quantum correlations and dynamics from classical random fields valued in complex Hilbert spaces. Journal of Mathematical Physics, 2010, 51, 082106.	1.1	10
149	Quantum-Like Tunnelling and Levels of Arbitrage. International Journal of Theoretical Physics, 2013, 52, 4083-4099.	1.2	10
150	Bell Could Become the Copernicus of Probability. Open Systems and Information Dynamics, 2016, 23, 1650008.	1.2	10
151	Automaton model of protein: Dynamics of conformational and functional states. Progress in Biophysics and Molecular Biology, 2017, 130, 2-14.	2.9	10
152	Mechanisms of directed evolution of morphological structures and the problems of morphogenesis. BioSystems, 2018, 168, 26-44.	2.0	10
153	Towards Experiments to Test Violation of the Original Bell Inequality. Entropy, 2018, 20, 280.	2.2	10
154	Can There be Given Any Meaning to Contextuality Without Incompatibility?. International Journal of Theoretical Physics, 2021, 60, 106-114.	1.2	10
155	On the Physical Basis of Theory of â€œMental Wavesâ€• NeuroQuantology, 2010, 8, .	0.2	10
156	Behaviour of Hensel perturbations of p-adic monomial dynamical systems. Analysis Mathematica, 2003, 29, 107-133.	0.5	9
157	Financial heat machine. Physica A: Statistical Mechanics and Its Applications, 2005, 350, 487-490.	2.6	9
158	Quantum correlations from classical Gaussian correlations. Journal of Russian Laser Research, 2009, 30, 472-479.	0.6	9
159	On uniqueness of Gibbs measure for -adic countable state Potts model on the Cayley tree. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 5327-5331.	1.1	9
160	Ergodicity of dynamical systems on 2-adic spheres. Doklady Mathematics, 2012, 86, 843-845.	0.6	9
161	Towards new Grangier type experiments. Annals of Physics, 2012, 327, 1786-1802.	2.8	9
162	ON AN EXPERIMENTAL TEST OF PREQUANTUM THEORY OF CLASSICAL RANDOM FIELDS: AN ESTIMATE FROM ABOVE OF THE COEFFICIENT OF SECOND-ORDER COHERENCE. International Journal of Quantum Information, 2012, 10, 1241014.	1.1	9

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163	Towards modeling of epigenetic evolution with the aid of theory of open quantum systems. , 2012, , .		9
164	A macroscopic violation of no-signaling in time inequalities? How to test temporal entanglement with behavioral observables. Frontiers in Psychology, 2015, 6, 1061.	2.1	9
165	Preface of the Special Issue Probing the Limits of Quantum Mechanics: Theory and Experiment, Volume 1. Foundations of Physics, 2015, 45, 707-710.	1.3	9
166	Randomness: Quantum versus classical. International Journal of Quantum Information, 2016, 14, 1640009.	1.1	9
167	The Present Situation in Quantum Theory and its Merging with General Relativity. Foundations of Physics, 2017, 47, 1077-1099.	1.3	9
168	Social Laser Model for the Bandwagon Effect: Generation of Coherent Information Waves. Entropy, 2020, 22, 559.	2.2	9
169	Discrete time dynamical models and their quantum-like context-dependent properties. Journal of Modern Optics, 2004, 51, 1113-1114.	1.3	8
170	Analysis of the role of von Neumannâ€™s projection postulate in the canonical scheme of quantum teleportation. Journal of Russian Laser Research, 2008, 29, 296-301.	0.6	8
171	Quantum Randomness as a Result of Random Fluctuations at the Planck Time Scale?. International Journal of Theoretical Physics, 2008, 47, 114-124.	1.2	8
172	VON NEUMANN AND LUDERS POSTULATES AND QUANTUM INFORMATION THEORY. International Journal of Quantum Information, 2009, 07, 1303-1311.	1.1	8
173	p-Adic physics, non-well-founded reality and unconventional computing. P-Adic Numbers, Ultrametric Analysis, and Applications, 2009, 1, 297-306.	0.4	8
174	Quantum-like dynamics of decision-making in prisoner's dilemma game. , 2012, , .		8
175	Two-slit experiment: quantum and classical probabilities. Physica Scripta, 2015, 90, 074017.	2.5	8
176	Preface of the special issue quantum foundations: information approach. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150244.	3.4	8
177	On the topological structure of a mathematical model of human unconscious. P-Adic Numbers, Ultrametric Analysis, and Applications, 2017, 9, 78-81.	0.4	8
178	Evaluating the Maximal Violation of the Original Bell Inequality by Two-Qudit States Exhibiting Perfect Correlations/Anticorrelations. Entropy, 2018, 20, 829.	2.2	8
179	Quantum-like modeling: cognition, decision making, and rationality. Mind and Society, 2020, 19, 307-310.	1.3	8
180	An Ultrametric Random Walk Model for Disease Spread Taking into Account Social Clustering of the Population. Entropy, 2020, 22, 931.	2.2	8

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181	Psychological â€˜double-slit experimentâ€™ in decision making: Quantum versus classical. BioSystems, 2020, 195, 104171.	2.0	8
182	Noncommutative probability in classical disordered systems. Physica A: Statistical Mechanics and Its Applications, 2003, 326, 456-463.	2.6	7
183	EPR-Bohm Experiment and Interference of Probabilities. Foundations of Physics Letters, 2004, 17, 691-700.	0.6	7
184	Algorithm for Quantum-like Representation: Transformation of Probabilistic Data into Vectors on Bloch's Sphere. Open Systems and Information Dynamics, 2008, 15, 223-230.	1.2	7
185	EPR "PARADOX", PROJECTION POSTULATE, TIME SYNCHRONIZATION "NONLOCALITY". International Journal of Quantum Information, 2009, 07, 71-81.	1.1	7
186	Genetic code and deformation of the 2-dimensional 2-adic metric. P-Adic Numbers, Ultrametric Analysis, and Applications, 2011, 3, 165-168.	0.4	7
187	Subquantum nonlocal correlations induced by the background random field. Physica Scripta, 2011, 84, 045014.	2.5	7
188	Towards a Field Model of Prequantum Reality. Foundations of Physics, 2012, 42, 725-741.	1.3	7
189	Three-body system metaphor for the two-slit experiment and Escherichia coli lactoseâ€“glucose metabolism. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150243.	3.4	7
190	Quantum formalism as an optimisation procedure of information flows for physical and biological systems. BioSystems, 2016, 150, 13-21.	2.0	7
191	Energy and information flows in biological systems: Bioenergy transduction of V 1 -ATPase rotary motor and dynamics of thermodynamic entropy in information flows. Progress in Biophysics and Molecular Biology, 2017, 130, 33-38.	2.9	7
192	Molecular recognition of the environment and mechanisms of the origin of species in quantum-like modeling of evolution. Progress in Biophysics and Molecular Biology, 2017, 130, 61-79.	2.9	7
193	Towards Better Understanding QBism. Foundations of Science, 2018, 23, 181-195.	0.7	7
194	Classical versus quantum probability: Comments on the paper â€œOn universality of classical probability with contextually labeled random variablesâ€•by E. Dzhafarov and M. Kon. Journal of Mathematical Psychology, 2019, 89, 87-92.	1.8	7
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