

Andrei Khrennikov

List of Publications by Year in descending order

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Version: 2024-02-01

318
papers

6,822
citations

94433

37
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161849

54
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336
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336
docs citations

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times ranked

913
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Order stability via Fr hlich condensation in bio, eco, and social systems: The quantum-like approach. <i>BioSystems</i> , 2022, 212, 104593. | 2.0 | 6 |
| 2 | Towards Unification of General Relativity and Quantum Theory: Dendrogram Representation of the Event-Universe. <i>Entropy</i> , 2022, 24, 181. | 2.2 | 6 |
| 3 | Giorgio Parisi: The Nobel Prize in Physics 2021. <i>P-Adic Numbers, Ultrametric Analysis, and Applications</i> , 2022, 14, 81-83. | 0.4 | 1 |
| 4 | Against Identification of Contextuality with Violation of the Bell Inequalities: Lessons from Theory of Randomness. <i>Journal of Russian Laser Research</i> , 2022, 43, 48-59. | 0.6 | 3 |
| 5 | Ambivalence in decision making: An eye tracking study. <i>Cognitive Psychology</i> , 2022, 134, 101464. | 2.2 | 7 |
| 6 | Social Fr hlich condensation: preserving societal order through sufficiently intensive information pumping. <i>Kybernetes</i> , 2022, 51, 138-155. | 2.2 | 2 |
| 7 | Dendrographic Hologram Theory: Predictability of Relational Dynamics of the Event Universe and the Emergence of Time Arrow. <i>Symmetry</i> , 2022, 14, 1089. | 2.2 | 2 |
| 8 | Can There be Given Any Meaning to Contextuality Without Incompatibility?. <i>International Journal of Theoretical Physics</i> , 2021, 60, 106-114. | 1.2 | 10 |
| 9 | Quantum postulate vs. quantum nonlocality: on the role of the Planck constant in Bell's argument. <i>Foundations of Physics</i> , 2021, 51, 1. | 1.3 | 13 |
| 10 | Information overload for (bounded) rational agents. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202957. | 2.6 | 15 |
| 11 | Quantum-like modeling in biology with open quantum systems and instruments. <i>BioSystems</i> , 2021, 201, 104328. | 2.0 | 25 |
| 12 | Order-Stability in Complex Biological, Social, and AI-Systems from Quantum Information Theory. <i>Entropy</i> , 2021, 23, 355. | 2.2 | 5 |
| 13 | Roots of quantum computing supremacy: superposition, entanglement, or complementarity?. <i>European Physical Journal: Special Topics</i> , 2021, 230, 1053-1057. | 2.6 | 11 |
| 14 | Is the Devil in h?. <i>Entropy</i> , 2021, 23, 632. | 2.2 | 16 |
| 15 | Representation of the Universe as a Dendrographic Hologram Endowed with Relational Interpretation. <i>Entropy</i> , 2021, 23, 584. | 2.2 | 16 |
| 16 | Dendrographic Representation of Data: CHSH Violation vs. Nonergodicity. <i>Entropy</i> , 2021, 23, 971. | 2.2 | 5 |
| 17 | Formalization of Bohr's Contextuality Within the Theory of Open Quantum Systems. <i>Journal of Russian Laser Research</i> , 2021, 42, 371-377. | 0.6 | 4 |
| 18 | EEG p-adic quantum potential accurately identifies depression, schizophrenia and cognitive decline. <i>PLoS ONE</i> , 2021, 16, e0255529. | 2.5 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Quantum-like model for unconsciousâ€‘conscious interaction and emotional coloring of perceptions and other conscious experiences. <i>BioSystems</i> , 2021, 208, 104471. | 2.0 | 11 |
| 20 | Ultrametric diffusion equation on energy landscape to model disease spread in hierarchic socially clustered population. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 583, 126284. | 2.6 | 4 |
| 21 | Modeling combination of question order effect, response replicability effect, and QQ-equality with quantum instruments. <i>Journal of Mathematical Psychology</i> , 2021, 100, 102491. | 1.8 | 21 |
| 22 | Preface of the Special Issue Probing the Limits of Quantum Mechanics: Theory and Experiment, Volume 2. <i>Foundations of Physics</i> , 2020, 50, 1735-1738. | 1.3 | 4 |
| 23 | Multidimensional nonlinear pseudo-differential evolution equation with p-adic spatial variables. <i>Journal of Pseudo-Differential Operators and Applications</i> , 2020, 11, 311-343. | 0.7 | 11 |
| 24 | Quantum-like modeling: cognition, decision making, and rationality. <i>Mind and Society</i> , 2020, 19, 307-310. | 1.3 | 8 |
| 25 | Preface to Special Issue: Quantum Information Revolution: Impact to Foundations. <i>Foundations of Physics</i> , 2020, 50, 1757-1761. | 1.3 | 2 |
| 26 | An Ultrametric Random Walk Model for Disease Spread Taking into Account Social Clustering of the Population. <i>Entropy</i> , 2020, 22, 931. | 2.2 | 8 |
| 27 | Social Laser Model for the Bandwagon Effect: Generation of Coherent Information Waves. <i>Entropy</i> , 2020, 22, 559. | 2.2 | 9 |
| 28 | Two Faced Janus of Quantum Nonlocality. <i>Entropy</i> , 2020, 22, 303. | 2.2 | 31 |
| 29 | Psychological â€‘double-slit experimentâ€™ in decision making: Quantum versus classical. <i>BioSystems</i> , 2020, 195, 104171. | 2.0 | 8 |
| 30 | A Readerâ€™s Comment on: â€‘Hysteresis Model of Unconscious-Conscious Interconnection: Exploring Dynamics on m-Adic Treesâ€™. <i>P-Adic Numbers, Ultrametric Analysis, and Applications</i> , 2020, 12, 68-71. | 0.4 | 0 |
| 31 | Quantum Versus Classical Entanglement: Eliminating the Issue of Quantum Nonlocality. <i>Foundations of Physics</i> , 2020, 50, 1762-1780. | 1.3 | 33 |
| 32 | A Quantum-Like Model of Information Processing in the Brain. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 707. | 2.5 | 15 |
| 33 | Application of Theory of Quantum Instruments to Psychology: Combination of Question Order Effect with Response Replicability Effect. <i>Entropy</i> , 2020, 22, 37. | 2.2 | 24 |
| 34 | HAS CHSH-INEQUALITY ANY RELATION TO EPR-ARGUMENT?. , 2020, , . | | 2 |
| 35 | Get Rid of Nonlocality from Quantum Physics. <i>Entropy</i> , 2019, 21, 806. | 2.2 | 41 |
| 36 | Violation of the Bellâ€™s type inequalities as a local expression of incompatibility. <i>Journal of Physics: Conference Series</i> , 2019, 1275, 012018. | 0.4 | 1 |

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|----|--|-----|-----------|
| 37 | Generalized Fock space and contextuality. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20190096. | 3.4 | 2 |
| 38 | Hertz's Viewpoint on Quantum Theory. <i>Activitas Nervosa Superior</i> , 2019, 61, 24-30. | 0.4 | 13 |
| 39 | Concept of information laser: from quantum theory to behavioural dynamics. <i>European Physical Journal: Special Topics</i> , 2019, 227, 2133-2153. | 2.6 | 13 |
| 40 | Bell inequality violation in the framework of a Darwinian approach to quantum mechanics. <i>European Physical Journal: Special Topics</i> , 2019, 227, 2119-2132. | 2.6 | 1 |
| 41 | Classical (Local and Contextual) Probability Model for Bohm's Bell Type Experiments: No-Signaling as Independence of Random Variables. <i>Entropy</i> , 2019, 21, 157. | 2.2 | 43 |
| 42 | Classical versus quantum probability: Comments on the paper "On universality of classical probability with contextually labeled random variables" by E. Dzhafarov and M. Kon. <i>Journal of Mathematical Psychology</i> , 2019, 89, 87-92. | 1.8 | 7 |
| 43 | p-Adic Analogue of the Wave Equation. <i>Journal of Fourier Analysis and Applications</i> , 2019, 25, 2447-2462. | 1.0 | 3 |
| 44 | Quantum analog of the original Bell inequality for two-qudit states with perfect correlations/anticorrelations. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 435304. | 2.1 | 7 |
| 45 | Perspectives on Correctness in Probabilistic Inference from Psychology. <i>Spanish Journal of Psychology</i> , 2019, 22, E55. | 2.1 | 1 |
| 46 | Solvability of the p-adic Analogue of Navier-Stokes Equation via the Wavelet Theory. <i>Entropy</i> , 2019, 21, 1129. | 2.2 | 14 |
| 47 | Phase transitions, collective emotions and decision-making problem in heterogeneous social systems. <i>Scientific Reports</i> , 2019, 9, 18039. | 3.3 | 29 |
| 48 | Quantum Probability and Randomness. <i>Entropy</i> , 2019, 21, 35. | 2.2 | 6 |
| 49 | Basics of Quantum Theory for Quantum-Like Modeling Information Retrieval. <i>STEAM-H: Science, Technology, Engineering, Agriculture, Mathematics & Health</i> , 2019, , 51-82. | 0.0 | 2 |
| 50 | True contextuality beats direct influences in human decision making.. <i>Journal of Experimental Psychology: General</i> , 2019, 148, 1925-1937. | 2.1 | 42 |
| 51 | Quantum like modeling of decision making: Quantifying uncertainty with the aid of Heisenberg's Robertson inequality. <i>Journal of Mathematical Psychology</i> , 2018, 84, 49-56. | 1.8 | 31 |
| 52 | Quantum-like model of subjective expected utility. <i>Journal of Mathematical Economics</i> , 2018, 78, 150-162. | 0.8 | 27 |
| 53 | Social laser model: from color revolutions to Brexit and election of Donald Trump. <i>Kybernetes</i> , 2018, 47, 273-288. | 2.2 | 16 |
| 54 | From axiomatics of quantum probability to modelling geological uncertainty and management of intelligent hydrocarbon reservoirs with the theory of open quantum systems. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170225. | 3.4 | 3 |

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|----|---|-----|-----------|
| 55 | Towards Better Understanding QBism. Foundations of Science, 2018, 23, 181-195. | 0.7 | 7 |
| 56 | 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 |
| 57 | p-Adic Analogue of the Porous Medium Equation. Journal of Fourier Analysis and Applications, 2018, 24, 1401-1424. | 1.0 | 21 |
| 58 | Evaluating the Maximal Violation of the Original Bell Inequality by Two-Qudit States Exhibiting Perfect Correlations/Anticorrelations. Entropy, 2018, 20, 829. | 2.2 | 8 |
| 59 | On Interpretational Questions for Quantum-Like Modeling of Social Lasing. Entropy, 2018, 20, 921. | 2.2 | 18 |
| 60 | On the Solutions of Cauchy Problem for Two Classes of Semi-Linear Pseudo-Differential Equations over p-Adic Field. P-Adic Numbers, Ultrametric Analysis, and Applications, 2018, 10, 322-343. | 0.4 | 2 |
| 61 | Quantum probability in decision making from quantum information representation of neuronal states. Scientific Reports, 2018, 8, 16225. | 3.3 | 43 |
| 62 | Mechanisms of directed evolution of morphological structures and the problems of morphogenesis. BioSystems, 2018, 168, 26-44. | 2.0 | 10 |
| 63 | External Observer Reflections on QBism, Its Possible Modifications, and Novel Applications. STEAM-H: Science, Technology, Engineering, Agriculture, Mathematics & Health, 2018, , 93-118. | 0.0 | 2 |
| 64 | Towards Experiments to Test Violation of the Original Bell Inequality. Entropy, 2018, 20, 280. | 2.2 | 10 |
| 65 | State Entropy and Differentiation Phenomenon. Entropy, 2018, 20, 394. | 2.2 | 6 |
| 66 | At the Crossroads of Three Seemingly Divergent Approaches to Quantum Mechanics. STEAM-H: Science, Technology, Engineering, Agriculture, Mathematics & Health, 2018, , 13-21. | 0.0 | 0 |
| 67 | Quantum probability updating from zero priors (by-passing Cromwell's rule). Journal of Mathematical Psychology, 2017, 77, 58-69. | 1.8 | 34 |
| 68 | Quantum epistemology from subquantum ontology: Quantum mechanics from theory of classical random fields. Annals of Physics, 2017, 377, 147-163. | 2.8 | 17 |
| 69 | Automaton model of protein: Dynamics of conformational and functional states. Progress in Biophysics and Molecular Biology, 2017, 130, 2-14. | 2.9 | 10 |
| 70 | 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 |
| 71 | Emergence of Quantum Mechanics from Theory of Random Fields. Journal of Russian Laser Research, 2017, 38, 9-26. | 0.6 | 2 |
| 72 | Decision-Making and Cognition Modeling from the Theory of Mental Instruments. , 2017, , 75-93. | | 6 |

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|----|--|-----|-----------|
| 73 | 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 |
| 74 | 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 |
| 75 | Why Quantum?. , 2017, , 321-334. | | 0 |
| 76 | p-Adic mathematical physics: the first 30 years. P-Adic Numbers, Ultrametric Analysis, and Applications, 2017, 9, 87-121. | 0.4 | 77 |
| 77 | Outline of a unified Darwinian evolutionary theory for physical and biological systems. Progress in Biophysics and Molecular Biology, 2017, 130, 80-87. | 2.9 | 3 |
| 78 | Measures on the Hilbert space of a quantum system. Russian Journal of Mathematical Physics, 2017, 24, 234-240. | 1.5 | 2 |
| 79 | Quantum-like model of partially directed evolution. Progress in Biophysics and Molecular Biology, 2017, 125, 36-51. | 2.9 | 11 |
| 80 | 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 |
| 81 | Quantum Bayesian perspective for intelligence reservoir characterization, monitoring and management. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160398. | 3.4 | 4 |
| 82 | Preface for the special issue, "Second quantum revolution: foundational questions". Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160397. | 3.4 | 0 |
| 83 | A HYSTERESIS EFFECT ON OPTICAL ILLUSION AND NON-KOLMOGOROVIAN PROBABILITY THEORY. Lecture Notes Series, Institute for Mathematical Sciences, 2017, , 201-213. | 0.2 | 1 |
| 84 | Test of the no-signaling principle in the Hensen loophole-free CHSH experiment. Fortschritte Der Physik, 2017, 65, 1600096. | 4.4 | 25 |
| 85 | The Present Situation in Quantum Theory and its Merging with General Relativity. Foundations of Physics, 2017, 47, 1077-1099. | 1.3 | 9 |
| 86 | Buonomano against Bell: Nonergodicity or nonlocality?. International Journal of Quantum Information, 2017, 15, 1740010. | 1.1 | 5 |
| 87 | Editorial. Progress in Biophysics and Molecular Biology, 2017, 130, 1. | 2.9 | 0 |
| 88 | Aims and Scope of the Special Issue, "Quantum Foundations: Informational Perspective". Foundations of Physics, 2017, 47, 1003-1008. | 1.3 | 2 |
| 89 | The use of action functionals within the quantum-like paradigm. Journal of Mathematical Psychology, 2017, 78, 13-23. | 1.8 | 4 |
| 90 | A quantum-like model of selection behavior. Journal of Mathematical Psychology, 2017, 78, 2-12. | 1.8 | 44 |

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|-----|---|-----|-----------|
| 91 | After Bell. Fortschritte Der Physik, 2017, 65, 1600044. | 4.4 | 17 |
| 92 | Transport through a network of capillaries from ultrametric diffusion equation with quadratic nonlinearity. Russian Journal of Mathematical Physics, 2017, 24, 505-516. | 1.5 | 3 |
| 93 | Bohr against Bell: complementarity versus nonlocality. Open Physics, 2017, 15, 734-738. | 1.7 | 27 |
| 94 | Constraints on quantum information field and "human gain medium" making possible functioning of social laser. Journal of Physics: Conference Series, 2017, 880, 012017. | 0.4 | 0 |
| 95 | P-Adic Analog of Navier-Stokes Equations: Dynamics of Fluid's Flow in Percolation Networks (from) Tj ETQq1 1 0.784314 rgBT 2017, 19, 161. | 2.2 | 6 |
| 96 | A model of differentiation in quantum bioinformatics. Progress in Biophysics and Molecular Biology, 2017, 130, 88-98. | 2.9 | 21 |
| 97 | Quantum Methods in Social Science. , 2017, , . | | 26 |
| 98 | Summation of p-adic functional series in integer points. Filomat, 2017, 31, 1339-1347. | 0.5 | 1 |
| 99 | Image Segmentation with the Aid of the p-Adic Metrics. STEAM-H: Science, Technology, Engineering, Agriculture, Mathematics & Health, 2017, , 143-154. | 0.0 | 1 |
| 100 | The Primes are Everywhere, but Nowhere. STEAM-H: Science, Technology, Engineering, Agriculture, Mathematics & Health, 2017, , 155-167. | 0.0 | 0 |
| 101 | Modeling Fluid's Dynamics with Master Equations in Ultrametric Spaces Representing the Treelike Structure of Capillary Networks. Entropy, 2016, 18, 249. | 2.2 | 36 |
| 102 | Three-body system metaphor for the two-slit experiment and Escherichia coli lactose-glucose metabolism. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150243. | 3.4 | 7 |
| 103 | Randomness: Quantum versus classical. International Journal of Quantum Information, 2016, 14, 1640009. | 1.1 | 9 |
| 104 | Quantum Information Biology: From Theory of Open Quantum Systems to Adaptive Dynamics. Advanced Series on Mathematical Psychology, 2016, , 399-414. | 0.7 | 2 |
| 105 | Analog of Formula of Total Probability for Quantum Observables Represented by Positive Operator Valued Measures. International Journal of Theoretical Physics, 2016, 55, 3859-3874. | 1.2 | 3 |
| 106 | Reflections on Zeilinger-Brukner Information Interpretation of Quantum Mechanics. Foundations of Physics, 2016, 46, 836-844. | 1.3 | 2 |
| 107 | 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 |
| 108 | Bell Could Become the Copernicus of Probability. Open Systems and Information Dynamics, 2016, 23, 1650008. | 1.2 | 10 |

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| 109 | Application of Non-Kolmogorovian Probability and Quantum Adaptive Dynamics to Unconscious Inference in Visual Perception Process. <i>Open Systems and Information Dynamics</i> , 2016, 23, 1650011. | 1.2 | 4 |
| 110 | Quantum formalism as an optimisation procedure of information flows for physical and biological systems. <i>BioSystems</i> , 2016, 150, 13-21. | 2.0 | 7 |
| 111 | Formal foundations for the origins of human consciousness. <i>P-Adic Numbers, Ultrametric Analysis, and Applications</i> , 2016, 8, 249-279. | 0.4 | 18 |
| 112 | Preface of the special issue quantum foundations: information approach. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150244. | 3.4 | 8 |
| 113 | “Social Laser”™: action amplification by stimulated emission of social energy. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150094. | 3.4 | 23 |
| 114 | Quantum probability and the mathematical modelling of decision-making. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150105. | 3.4 | 11 |
| 115 | Statistical and subjective interpretations of probability in quantum-like models of cognition and decision making. <i>Journal of Mathematical Psychology</i> , 2016, 74, 82-91. | 1.8 | 24 |
| 116 | Generalization of Hensel's lemma: Finding the roots of p-adic Lipschitz functions. <i>Journal of Number Theory</i> , 2016, 158, 217-233. | 0.4 | 11 |
| 117 | Application of p-Adic Wavelets to Model Reaction-Diffusion Dynamics in Random Porous Media. <i>Journal of Fourier Analysis and Applications</i> , 2016, 22, 809-822. | 1.0 | 34 |
| 118 | Branko Dragovich. <i>Facta Universitatis - Series Physics Chemistry and Technology</i> , 2016, 14, 135-141. | 0.5 | 1 |
| 119 | Hierarchical model of the actomyosin molecular motor based on ultrametric diffusion with drift. <i>Infinite Dimensional Analysis, Quantum Probability and Related Topics</i> , 2015, 18, 1550013. | 0.5 | 5 |
| 120 | Towards Information Lasers. <i>Entropy</i> , 2015, 17, 6969-6994. | 2.2 | 30 |
| 121 | Quantum-like modeling of cognition. <i>Frontiers in Physics</i> , 2015, 3, . | 2.1 | 33 |
| 122 | Quantum-like model of unconscious-conscious dynamics. <i>Frontiers in Psychology</i> , 2015, 6, 997. | 2.1 | 32 |
| 123 | A macroscopic violation of no-signaling in time inequalities? How to test temporal entanglement with behavioral observables. <i>Frontiers in Psychology</i> , 2015, 6, 1061. | 2.1 | 9 |
| 124 | Foundations of analysis on superspace \mathbb{R}^1 : Differential calculus. <i>P-Adic Numbers, Ultrametric Analysis, and Applications</i> , 2015, 7, 96-110. | 0.4 | 0 |
| 125 | Unconditional Quantum Correlations do not Violate Bell's Inequality. <i>Foundations of Physics</i> , 2015, 45, 1179-1189. | 1.3 | 2 |
| 126 | On the Possibility to Combine the Order Effect with Sequential Reproducibility for Quantum Measurements. <i>Foundations of Physics</i> , 2015, 45, 1379-1393. | 1.3 | 18 |

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| 127 | Reality Without Realism: On the Ontological and Epistemological Architecture of Quantum Mechanics. Foundations of Physics, 2015, 45, 1269-1300. | 1.3 | 44 |
| 128 | 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 |
| 129 | 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 |
| 130 | Two-slit experiment: quantum and classical probabilities. Physica Scripta, 2015, 90, 074017. | 2.5 | 8 |
| 131 | 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 |
| 132 | Quantum Adaptivity in Biology: From Genetics to Cognition. , 2015, , . | | 58 |
| 133 | Fundamentals of Molecular Biology. , 2015, , 41-55. | | 0 |
| 134 | Modeling Tests Based on the Eberhard Inequality. Journal of Russian Laser Research, 2015, 36, 2-16. | 0.6 | 1 |
| 135 | Quantum version of Aumann's approach to common knowledge: Sufficient conditions of impossibility to agree on disagree. Journal of Mathematical Economics, 2015, 60, 89-104. | 0.8 | 22 |
| 136 | Prequantum Classical Statistical Field Theory: Simulation of Probabilities of Photon Detection from Brownian Motion Interacting with Threshold Detectors. Journal of Russian Laser Research, 2015, 36, 237-250. | 0.6 | 1 |
| 137 | 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 |
| 138 | CHSH Inequality: Quantum Probabilities as Classical Conditional Probabilities. Foundations of Physics, 2015, 45, 711-725. | 1.3 | 46 |
| 139 | Quantum(-Like) Decision Making: On Validity of the Aumann Theorem. Lecture Notes in Computer Science, 2015, , 105-118. | 1.3 | 3 |
| 140 | Quantum(-like) Formalization of Common Knowledge: Binmore-Brandenburger Operator Approach. Lecture Notes in Computer Science, 2015, , 93-104. | 1.3 | 0 |
| 141 | Lamarckian Evolution of Epigenome from Open Quantum Systems and Entanglement. Lecture Notes in Computer Science, 2014, , 324-334. | 1.3 | 0 |
| 142 | Recursion over partitions. P-Adic Numbers, Ultrametric Analysis, and Applications, 2014, 6, 303-309. | 0.4 | 0 |
| 143 | Violation of contextual generalization of the Leggett's Garg inequality for recognition of ambiguous figures. Physica Scripta, 2014, T163, 014006. | 2.5 | 51 |
| 144 | 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 |

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| 145 | Quantum Model for Psychological Measurements: From the Projection Postulate to Interference of Mental Observables Represented As Positive Operator Valued Measures. <i>NeuroQuantology</i> , 2014, 12, . | 0.2 | 30 |
| 146 | Non-Kolmogorov probability and its use for constructing a model of human perception process. , 2014, , . | | 1 |
| 147 | Applying quantum principles to psychology. <i>Physica Scripta</i> , 2014, T163, 014007. | 2.5 | 28 |
| 148 | Estimation of initial one photon temporal modes in waveguides using the asymptotic radiation zone. <i>Physica Scripta</i> , 2014, T163, 014023. | 2.5 | 0 |
| 149 | On the equivalence of the Clauserâ€“Horne and Eberhard inequality based tests. <i>Physica Scripta</i> , 2014, T163, 014019. | 2.5 | 18 |
| 150 | Quantum non-objectivity from performativity of quantum phenomena. <i>Physica Scripta</i> , 2014, T163, 014020. | 2.5 | 12 |
| 151 | Emerging quantum mechanics: Coefficient of second-order coherence from classical random fields interacting with threshold type detectors. <i>International Journal of Quantum Information</i> , 2014, 12, 1560007. | 1.1 | 0 |
| 152 | Criteria of ergodicity for p-adic dynamical systems in terms of coordinate functions. <i>Chaos, Solitons and Fractals</i> , 2014, 60, 11-30. | 5.1 | 16 |
| 153 | An Application of the Theory of Open Quantum Systems to Model the Dynamics of Party Governance in the US Political System. <i>International Journal of Theoretical Physics</i> , 2014, 53, 1346-1360. | 1.2 | 76 |
| 154 | Quantum-State Dynamics as Linear Representation of Classical (Nonlinear) Stochastic Dynamics. <i>Journal of Russian Laser Research</i> , 2014, 35, 71-78. | 0.6 | 0 |
| 155 | T-functions revisited: new criteria for bijectivity/transitivity. <i>Designs, Codes, and Cryptography</i> , 2014, 71, 383-407. | 1.6 | 36 |
| 156 | Photon Flux and Distance from the Source: Consequences for Quantum Communication. <i>Foundations of Physics</i> , 2014, 44, 389-405. | 1.3 | 6 |
| 157 | Complementarity of Mental Observables. <i>Topics in Cognitive Science</i> , 2014, 6, 74-78. | 1.9 | 3 |
| 158 | p-Adic wavelets and their applications. <i>Proceedings of the Steklov Institute of Mathematics</i> , 2014, 285, 157-196. | 0.3 | 13 |
| 159 | Possibility to agree on disagree from quantum information and decision making. <i>Journal of Mathematical Psychology</i> , 2014, 62-63, 1-15. | 1.8 | 41 |
| 160 | Bornâ€™s formula from statistical mechanics of classical fields and theory of hitting times. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 393, 207-221. | 2.6 | 11 |
| 161 | Quantum Models for Psychological Measurements: An Unsolved Problem. <i>PLoS ONE</i> , 2014, 9, e110909. | 2.5 | 93 |
| 162 | Towards Ultrametric Modeling of Unconscious Creativity. <i>International Journal of Cognitive Informatics and Natural Intelligence</i> , 2014, 8, 98-109. | 0.4 | 2 |

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|-----|--|-----|-----------|
| 163 | Adaptive Dynamics and Optical Illusion on Schrödinger's Stair. Lecture Notes in Computer Science, 2014, , 191-200. | 1.3 | 0 |
| 164 | Non-Kolmogorovian Approach to the Context-Dependent Systems Breaking the Classical Probability Law. Foundations of Physics, 2013, 43, 895-911. | 1.3 | 35 |
| 165 | Quantum-Like Tunnelling and Levels of Arbitrage. International Journal of Theoretical Physics, 2013, 52, 4083-4099. | 1.2 | 10 |
| 166 | In memory of Vladimir M. Shelkovich (1949–2013). P-Adic Numbers, Ultrametric Analysis, and Applications, 2013, 5, 242-245. | 0.4 | 0 |
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