

Diederik Aerts

List of Publications by Year in descending order

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Version: 2024-02-01

175
papers

3,761
citations

159585

30
h-index

161849

54
g-index

185
all docs

185
docs citations

185
times ranked

611
citing authors

#	ARTICLE	IF	CITATIONS
1	Are Words the Quanta of Human Language? Extending the Domain of Quantum Cognition. <i>Entropy</i> , 2022, 24, 6.	2.2	10
2	A Planck Radiation and Quantization Scheme for Human Cognition and Language. <i>Frontiers in Psychology</i> , 2022, 13, 850725.	2.1	3
3	Modeling Human Decision-Making: An Overview of the Brussels Quantum Approach. <i>Foundations of Science</i> , 2021, 26, 27-54.	0.7	13
4	Quantum-Theoretic Modeling in Computer Science. <i>International Journal of Theoretical Physics</i> , 2021, 60, 710-726.	1.2	10
5	Preface of the Special Issue: International Symposium "Worlds of Entanglement" - Second Part. <i>Foundations of Science</i> , 2021, 26, 1-4.	0.7	2
6	Violation of the Bell-CHSH inequality and marginal laws in a single-entity Bell-test experiment. <i>Journal of Mathematical Physics</i> , 2021, 62, .	1.1	1
7	On the Conceptuality Interpretation of Quantum and Relativity Theories. <i>Foundations of Science</i> , 2020, 25, 5-54.	0.7	16
8	Preface of the Special Issue International Symposium "Worlds of Entanglement" <i>Foundations of Science</i> , 2020, 25, 1-4.	0.7	3
9	Quantum Structure in Cognition: Human Language as a Boson Gas of Entangled Words. <i>Foundations of Science</i> , 2020, 25, 755-802.	0.7	10
10	Quantum entanglement in physical and cognitive systems: A conceptual analysis and a general representation. <i>European Physical Journal Plus</i> , 2019, 134, 1.	2.6	28
11	From Quantum Axiomatics to Quantum Conceptuality. <i>Activitas Nervosa Superior</i> , 2019, 61, 76-82.	0.4	3
12	Quantum Theory Methods as a Possible Alternative for the Double-Blind Gold Standard of Evidence-Based Medicine: Outlining a New Research Program. <i>Foundations of Science</i> , 2019, 24, 217-225.	0.7	2
13	THE EXTENDED BLOCH REPRESENTATION OF QUANTUM MECHANICS FOR INFINITE-DIMENSIONAL ENTITIES. , 2019, , .		3
14	QUANTUM COGNITION GOES BEYOND-QUANTUM: MODELING THE COLLECTIVE PARTICIPANT IN PSYCHOLOGICAL MEASUREMENTS. , 2019, , .		0
15	Quantum Perspectives on Evolution. <i>The Frontiers Collection</i> , 2018, , 571-595.	0.2	5
16	Testing ambiguity and Machina preferences within a quantum-theoretic framework for decision-making. <i>Journal of Mathematical Economics</i> , 2018, 78, 176-185.	0.8	13
17	A proposal to extend expected utility in a quantum probabilistic framework. <i>Economic Theory</i> , 2018, 65, 1079-1109.	0.9	19
18	Spin and Wind Directions I: Identifying Entanglement in Nature and Cognition. <i>Foundations of Science</i> , 2018, 23, 323-335.	0.7	18

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19	Spin and Wind Directions II: A Bell State Quantum Model. <i>Foundations of Science</i> , 2018, 23, 337-365.	0.7	17
20	Simple Fractal Calculus from Fractal Arithmetic. <i>Reports on Mathematical Physics</i> , 2018, 81, 359-372.	0.8	6
21	Towards a quantum World Wide Web. <i>Theoretical Computer Science</i> , 2018, 752, 116-131.	0.9	18
22	Relativity Theory Refounded. <i>Foundations of Science</i> , 2018, 23, 511-547.	0.7	5
23	Do spins have directions?. <i>Soft Computing</i> , 2017, 21, 1483-1504.	3.6	18
24	The Extended Bloch Representation of Entanglement and Measurement in Quantum Mechanics. <i>International Journal of Theoretical Physics</i> , 2017, 56, 3727-3739.	1.2	3
25	Beyond-quantum modeling of question order effects and response replicability in psychological measurements. <i>Journal of Mathematical Psychology</i> , 2017, 79, 104-120.	1.8	13
26	Quantum Structure in Cognition Origins, Developments, Successes, and Expectations. , 2017, , 157-193.		3
27	Testing Quantum Models of Conjunction Fallacy on the World Wide Web. <i>International Journal of Theoretical Physics</i> , 2017, 56, 3744-3756.	1.2	12
28	Quantum Cognition Beyond Hilbert Space: Fundamentals and Applications. <i>Lecture Notes in Computer Science</i> , 2017, , 81-98.	1.3	2
29	Context and Interference Effects in the Combinations of Natural Concepts. <i>Lecture Notes in Computer Science</i> , 2017, , 677-690.	1.3	2
30	On the Foundations of the Brussels Operational-Realistic Approach to Cognition. <i>Frontiers in Physics</i> , 2016, 4, .	2.1	29
31	Generalizing Prototype Theory: A Formal Quantum Framework. <i>Frontiers in Psychology</i> , 2016, 7, 418.	2.1	21
32	Editorial: Quantum Structures in Cognitive and Social Science. <i>Frontiers in Psychology</i> , 2016, 7, 577.	2.1	7
33	The extended Bloch representation of quantum mechanics: Explaining superposition, interference, and entanglement. <i>Journal of Mathematical Physics</i> , 2016, 57, .	1.1	25
34	Fourier transforms on Cantor sets: A study in non-Diophantine arithmetic and calculus. <i>Chaos, Solitons and Fractals</i> , 2016, 91, 461-468.	5.1	10
35	THE GTR-MODEL: A UNIVERSAL FRAMEWORK FOR QUANTUM-LIKE MEASUREMENTS. , 2016, , .		4
36	A POSSIBLE SOLUTION TO THE SECOND ENTANGLEMENT PARADOX. , 2016, , .		3

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37	From ambiguity aversion to a generalized expected utility. Modeling preferences in a quantum probabilistic framework. <i>Journal of Mathematical Psychology</i> , 2016, 74, 117-127.	1.8	14
38	New fundamental evidence of non-classical structure in the combination of natural concepts. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150095.	3.4	35
39	Crystallization of space: Space-time fractals from fractal arithmetic. <i>Chaos, Solitons and Fractals</i> , 2016, 83, 201-211.	5.1	11
40	Quantum structure of negation and conjunction in human thought. <i>Frontiers in Psychology</i> , 2015, 6, 1447.	2.1	26
41	The unreasonable success of quantum probability II: Quantum measurements as universal measurements. <i>Journal of Mathematical Psychology</i> , 2015, 67, 76-90.	1.8	12
42	Quantum Structure in Cognition and the Foundations of Human Reasoning. <i>International Journal of Theoretical Physics</i> , 2015, 54, 4557-4569.	1.2	18
43	The unreasonable success of quantum probability I: Quantum measurements as uniform fluctuations. <i>Journal of Mathematical Psychology</i> , 2015, 67, 51-75.	1.8	24
44	The Quantum Nature of Identity in Human Thought: Bose-Einstein Statistics for Conceptual Indistinguishability. <i>International Journal of Theoretical Physics</i> , 2015, 54, 4430-4443.	1.2	19
45	Many-Measurements or Many-Worlds? A Dialogue. <i>Foundations of Science</i> , 2015, 20, 399-427.	0.7	9
46	What is Quantum? Unifying Its Micro-physical and Structural Appearance. <i>Lecture Notes in Computer Science</i> , 2015, , 12-23.	1.3	6
47	Modeling Concept Combinations in a Quantum-Theoretic Framework. <i>Advances in Cognitive Neurodynamics</i> , 2015, , 393-399.	0.1	0
48	The extended Bloch representation of quantum mechanics and the hidden-measurement solution to the measurement problem. <i>Annals of Physics</i> , 2014, 351, 975-1025.	2.8	48
49	Quantum theory and human perception of the macro-world. <i>Frontiers in Psychology</i> , 2014, 5, 554.	2.1	31
50	Solving the hard problem of Bertrand's paradox. <i>Journal of Mathematical Physics</i> , 2014, 55, .	1.1	16
51	Quantum and Concept Combination, Entangled Measurements, and Prototype Theory. <i>Topics in Cognitive Science</i> , 2014, 6, 129-137.	1.9	12
52	Quantum structure in competing lizard communities. <i>Ecological Modelling</i> , 2014, 281, 38-51.	2.5	12
53	Quantum Entanglement in Concept Combinations. <i>International Journal of Theoretical Physics</i> , 2014, 53, 3587-3603.	1.2	65
54	Identifying Quantum Structures in the Ellsberg Paradox. <i>International Journal of Theoretical Physics</i> , 2014, 53, 3666-3682.	1.2	32

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55	Meaning of "Focused and Quantum-Inspired Information Retrieval. Lecture Notes in Computer Science, 2014, , 71-83.	1.3	6
56	Entanglement Zoo I: Foundational and Structural Aspects. Lecture Notes in Computer Science, 2014, , 84-96.	1.3	3
57	Entanglement Zoo I: Foundational and Structural Aspects. Lecture Notes in Computer Science, 2014, , 84-96.	1.3	5
58	Entanglement Zoo II: Examples in Physics and Cognition. Lecture Notes in Computer Science, 2014, , 97-109.	1.3	5
59	Entanglement Zoo II: Examples in Physics and Cognition. Lecture Notes in Computer Science, 2014, , 97-109.	1.3	2
60	Measuring Conceptual Entanglement in Collections of Documents. Lecture Notes in Computer Science, 2014, , 134-146.	1.3	1
61	Measuring Conceptual Entanglement in Collections of Documents. Lecture Notes in Computer Science, 2014, , 134-146.	1.3	0
62	Concepts and Their Dynamics: A Quantum-Theoretic Modeling of Human Thought. Topics in Cognitive Science, 2013, 5, 737-772.	1.9	154
63	Systems, environments, and soliton rate equations: A non-Kolmogorovian framework for population dynamics. Ecological Modelling, 2013, 267, 80-92.	2.5	5
64	Quantum structure and human thought. Behavioral and Brain Sciences, 2013, 36, 274-276.	0.7	70
65	La mecánica cuántica y la conceptualidad: materia, historias, semántica y espacio-tiempo. Scientiae Studia, 2013, 11, 75-99.	0.1	11
66	A quantum-like approach to the stock market. AIP Conference Proceedings, 2012, , .	0.4	3
67	Quantum structure in economics: The Ellsberg paradox. AIP Conference Proceedings, 2012, , .	0.4	5
68	Quantum probabilities in competing lizard communities. Nature Precedings, 2012, , .	0.1	2
69	Entanglement of Conceptual Entities in Quantum Model Theory (QMod). Lecture Notes in Computer Science, 2012, , 114-125.	1.3	2
70	Quantum Model Theory (QMod): Modeling Contextual Emergent Entangled Interfering Entities. Lecture Notes in Computer Science, 2012, , 126-137.	1.3	4
71	The Guppy Effect as Interference. Lecture Notes in Computer Science, 2012, , 36-47.	1.3	19
72	A Quantum Model for the Ellsberg and Machina Paradoxes. Lecture Notes in Computer Science, 2012, , 48-59.	1.3	18

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73	ON THE FOUNDATIONS OF THE THEORY OF EVOLUTION. , 2011, , .		2
74	A case for applying an abstracted quantum formalism to cognition. <i>New Ideas in Psychology</i> , 2011, 29, 136-146.	1.9	25
75	Quantum Theory-Inspired Search. <i>Procedia Computer Science</i> , 2011, 7, 278-280.	2.0	1
76	Quantum Axiomatics: Topological and Classical Properties of State Property Systems. <i>International Journal of Theoretical Physics</i> , 2011, 50, 3635-3645.	1.2	0
77	A Quantum Cognition Analysis of the Ellsberg Paradox. <i>Lecture Notes in Computer Science</i> , 2011, , 95-104.	1.3	6
78	Quantum Structure in Cognition: Why and How Concepts Are Entangled. <i>Lecture Notes in Computer Science</i> , 2011, , 116-127.	1.3	50
79	A Quantum-Conceptual Explanation of Violations of Expected Utility in Economics. <i>Lecture Notes in Computer Science</i> , 2011, , 192-198.	1.3	8
80	Toward a Formal Model of the Shifting Relationship between Concepts and Contexts during Associative Thought. <i>Lecture Notes in Computer Science</i> , 2011, , 25-34.	1.3	10
81	QUANTUM INTERFERENCE AND SUPERPOSITION IN COGNITION: A THEORY FOR THE DISJUNCTION OF CONCEPTS. , 2011, , .		3
82	MEASURING MEANING ON THE WORLD-WIDE WEB. , 2011, , .		2
83	The "Globe" of Globalization. <i>Kritike</i> , 2011, 5, 10-25.	0.1	2
84	QUANTUM STRUCTURE IN ECONOMICS: RISK VERSUS AMBIGUITY. , 2011, , .		0
85	INTERDISCIPLINARITY AND BRIDGING KNOWLEDGE. , 2011, , .		0
86	COMPATIBILITY AND SEPARABILITY FOR CLASSICAL AND QUANTUM ENTANGLEMENT. , 2011, , .		0
87	POTENTIALITY STATES: QUANTUM VERSUS CLASSICAL EMERGENCE. , 2011, , .		1
88	Interpreting Quantum Particles as Conceptual Entities. <i>International Journal of Theoretical Physics</i> , 2010, 49, 2950-2970.	1.2	38
89	Quantum Experimental Data in Psychology and Economics. <i>International Journal of Theoretical Physics</i> , 2010, 49, 2971-2990.	1.2	12
90	The Contributions of Logic to the Foundations of Physics: Foreword. <i>Studia Logica</i> , 2010, 95, 1-3.	0.6	0

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91	Teleportation of geometric structures in 3D. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2009, 42, 135307.	2.1	2
92	Quantum Particles as Conceptual Entities: A Possible Explanatory Framework for Quantum Theory. <i>Foundations of Science</i> , 2009, 14, 361-411.	0.7	57
93	Geometric analogue of holographic reduced representation. <i>Journal of Mathematical Psychology</i> , 2009, 53, 389-398.	1.8	21
94	Quantum structure in cognition. <i>Journal of Mathematical Psychology</i> , 2009, 53, 314-348.	1.8	307
95	A model of the emergence and evolution of integrated worldviews. <i>Journal of Mathematical Psychology</i> , 2009, 53, 434-451.	1.8	54
96	Worldview and Cultures: Philosophical Reflections from an Intercultural Perspective. An Introduction. , 2009, , 1-9.		4
97	Classical Logical Versus Quantum Conceptual Thought: Examples in Economics, Decision Theory and Concept Theory. <i>Lecture Notes in Computer Science</i> , 2009, , 128-142.	1.3	19
98	Experimental Evidence for Quantum Structure in Cognition. <i>Lecture Notes in Computer Science</i> , 2009, , 59-70.	1.3	20
99	Quantum Axiomatics. , 2009, , 79-126.		7
100	How To Play Two-Player Restricted Quantum Games with 10 Cards. <i>International Journal of Theoretical Physics</i> , 2008, 47, 61-68.	1.2	1
101	A Macroscopic Device for Quantum Computation. <i>International Journal of Theoretical Physics</i> , 2008, 47, 200-211.	1.2	0
102	Toward an Ecological Theory of Concepts. <i>Ecological Psychology</i> , 2008, 20, 84-116.	1.1	90
103	Tensor-product versus geometric-product coding. <i>Physical Review A</i> , 2008, 77, .	2.5	11
104	Security in Quantum Cryptography vs. Nonlocal Hidden Variables. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
105	Macroscopic models for quantum systems and computers. <i>Journal of Physics: Conference Series</i> , 2007, 70, 012001.	0.4	0
106	Cartoon computation: quantum-like computing without quantum mechanics. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, F259-F266.	2.1	12
107	Two-State Dynamics for Replicating Two-Strand Systems. <i>Open Systems and Information Dynamics</i> , 2007, 14, 397-410.	1.2	5
108	Soliton Kinetic Equations with Non-Kolmogorovian Structure: A New Tool for Biological Modeling?. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	1

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109	Representation of state property systems. <i>Journal of Mathematical Physics</i> , 2006, 47, 072105.	1.1	2
110	The Generalised Liar Paradox: A Quantum Model and Interpretation. <i>Foundations of Science</i> , 2006, 11, 399-418.	0.7	9
111	Abstract DNA-type systems. <i>Nonlinearity</i> , 2006, 19, 575-589.	1.4	5
112	Entangled-state cryptographic protocol that remains secure even if nonlocal hidden variables exist and can be measured with arbitrary precision. <i>Physical Review A</i> , 2006, 73, .	2.5	2
113	Towards a quantum evolutionary scheme: Violating Bell's inequalities in language. , 2006, , 453-478.		5
114	A theory of concepts and their combinations I. <i>Kybernetes</i> , 2005, 34, 167-191.	2.2	154
115	A theory of concepts and their combinations II: A Hilbert space representation. <i>Kybernetes</i> , 2005, 34, 192-221.	2.2	197
116	A Geometrical Representation of Entanglement as Internal Constraint. <i>International Journal of Theoretical Physics</i> , 2005, 44, 897-907.	1.2	6
117	State Property Systems and Orthogonality. <i>International Journal of Theoretical Physics</i> , 2005, 44, 919-929.	1.2	2
118	Towards a General Operational and Realistic Framework for Quantum Mechanics and Relativity Theory. <i>The Frontiers Collection</i> , 2005, , 153-207.	0.2	9
119	Evolution as context-driven actualisation of potential: toward an interdisciplinary theory of change of state. <i>Interdisciplinary Science Reviews</i> , 2005, 30, 69-88.	1.4	37
120	TOWARDS A NEW DEMOCRACY: CONSENSUS THROUGH QUANTUM PARLIAMENT. , 2005, , .		4
121	TOWARDS A RE-DELINEATION OF THE HUMAN SELF-UNDERSTANDING WITHIN THE WESTERN WORLDVIEW: ITS SOCIAL AND ETHICAL IMPLICATIONS. , 2005, , .		3
122	Quantum aspects of semantic analysis and symbolic artificial intelligence. <i>Journal of Physics A</i> , 2004, 37, L123-L132.	1.6	81
123	Publisher's Note: Quantum morphogenesis: A variation on Thom's catastrophe theory [Phys. Rev. E67, 051926 (2003)]. <i>Physical Review E</i> , 2004, 69, .	2.1	0
124	Failure of Standard Quantum Mechanics for the Description of Compound Quantum Entities. <i>International Journal of Theoretical Physics</i> , 2004, 43, 251-264.	1.2	6
125	Quantum morphogenesis: A variation on Thom's catastrophe theory. <i>Physical Review E</i> , 2003, 67, 051926.	2.1	33
126	Contextual Random Boolean Networks. <i>Lecture Notes in Computer Science</i> , 2003, , 615-624.	1.3	13

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127	REALITY AND PROBABILITY: INTRODUCING A NEW TYPE OF PROBABILITY CALCULUS. , 2002, , .		11
128	BEING AND CHANGE: FOUNDATIONS OF A REALISTIC OPERATIONAL FORMALISM. , 2002, , .		25
129	STATE PROPERTY SYSTEMS AND CLOSURE SPACES: EXTRACTING THE CLASSICAL EN NONCLASSICAL PARTS. , 2002, , .		4
130	LINEARITY AND COMPOUND PHYSICAL SYSTEMS: THE CASE OF TWO SEPARATED SPIN 1/2 ENTITIES. , 2002, , .		2
131	THE LINEARITY OF QUANTUM MECHANICS AT STAKE: THE DESCRIPTION OF SEPARATED QUANTUM ENTITIES. , 2002, , .		5
132	PROBING THE STRUCTURE OF QUANTUM MECHANICS. , 2002, , .		0
133	Contextualizing concepts using a mathematical generalization of the quantum formalism. Journal of Experimental and Theoretical Artificial Intelligence, 2002, 14, 327-358.	2.8	179
134	On the Amnestic Modification of the Category of State Property Systems. Applied Categorical Structures, 2002, 10, 469-480.	0.5	31
135	Intrinsic contextuality as the crux of consciousness. Advances in Consciousness Research, 2002, , 173-181.	0.2	7
136	The Description of Joint Quantum Entities and the Formulation of a Paradox. International Journal of Theoretical Physics, 2000, 39, 483-496.	1.2	10
137	Quantum Axiomatics and a Theorem of M. P. SolÀr. International Journal of Theoretical Physics, 2000, 39, 497-502.	1.2	21
138	The Violation of Bell Inequalities in the Macroworld. Foundations of Physics, 2000, 30, 1387-1414.	1.3	91
139	Why the Disjunction in Quantum Logic is Not Classical. Foundations of Physics, 2000, 30, 1473-1480.	1.3	17
140	Social Space: From Freedom to Freedom of Movement. , 1999, , 43-82.		0
141	The Liar-paradox in a Quantum Mechanical Perspective. Foundations of Science, 1999, 4, 115-132.	0.7	22
142	Foundations of Quantum Physics: A General Realistic and Operational Approach. International Journal of Theoretical Physics, 1999, 38, 289-358.	1.2	95
143	State Property Systems and Closure Spaces: A Study of Categorical Equivalence. International Journal of Theoretical Physics, 1999, 38, 359-385.	1.2	48
144	Classical and Quantum Probability in the Å-Model. International Journal of Theoretical Physics, 1999, 38, 407-429.	1.2	13

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145	A Quantum Structure Description of the Liar Paradox. International Journal of Theoretical Physics, 1999, 38, 3231-3239.	1.2	35
146	The Stuff the World is Made of: Physics and Reality. , 1999, , 129-183.		27
147	The Creation-Discovery-View: Towards a Possible Explanation of Quantum Reality. , 1999, , 105-116.		5
148	On the Origin of Probabilities in Quantum Mechanics: Creative and Contextual Aspects. , 1999, , 291-302.		10
149	Quantum Mechanics: Structures, Axioms and Paradoxes. , 1999, , 141-205.		17
150	Einstein Meets Magritte: The Scholar, the Muse and the Barfly. , 1999, , 1-9.		0
151	The Game of The Biomousa: A View of Discovery and Creation. , 1999, , 95-125.		2
152	Inconsistencies in Constituent Theories of World Views: Quantum Mechanical Examples. Foundations of Science, 1998, 3, 313-340.	0.7	4
153	The Hidden Measurement Formalism: What Can Be Explained and Where Quantum Paradoxes Remain. International Journal of Theoretical Physics, 1998, 37, 291-304.	1.2	25
154	The Hidden-Measurement Formalism: Quantum Mechanics as a Consequence of Fluctuations on the Measurement. , 1997, , 1-6.		7
155	A Model with Varying Fluctuations in the Measurement Context. , 1997, , 7-9.		18
156	Quantum physics at the Einstein meets Magritte conference. International Journal of Theoretical Physics, 1996, 35, 2213-2214.	1.2	0
157	Operator structure of a nonquantum and nonclassical system. International Journal of Theoretical Physics, 1996, 35, 2285-2298.	1.2	8
158	Framework for possible unification of quantum and relativity theories. International Journal of Theoretical Physics, 1996, 35, 2399-2416.	1.2	6
159	Relativity theory: What is reality?. Foundations of Physics, 1996, 26, 1627-1644.	1.3	14
160	Quantum structures: An attempt to explain the origin of their appearance in nature. International Journal of Theoretical Physics, 1995, 34, 1165-1186.	1.2	41
161	Constantin Piron at sixty-plus: Continuing a quest for the understanding of fundamental physical theories and the pursuit of their elaboration. Foundations of Physics, 1994, 24, 1107-1111.	1.3	1
162	Quantum structures, separated physical entities and probability. Foundations of Physics, 1994, 24, 1227-1259.	1.3	62

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163	Quantum, classical and intermediate: An illustrative example. <i>Foundations of Physics</i> , 1994, 24, 1353-1369.	1.3	56
164	Quantum structures due to fluctuations of the measurement situation. <i>International Journal of Theoretical Physics</i> , 1993, 32, 2207-2220.	1.2	27
165	Quantum structures in macroscopic reality. <i>International Journal of Theoretical Physics</i> , 1993, 32, 489-498.	1.2	77
166	Construction of reality and its influence on the understanding of quantum structures. <i>International Journal of Theoretical Physics</i> , 1992, 31, 1815-1837.	1.2	29
167	Mechanistic classical laboratory situation with a quantum logic structure. <i>International Journal of Theoretical Physics</i> , 1992, 31, 1839-1848.	1.2	9
168	A macroscopical classical laboratory situation with only macroscopical classical entities giving rise to a quantum mechanical description. <i>QP-PQ, Quantum Probability and White Noise Analysis</i> , 1991, , 75-84.	0.1	3
169	Microphysical Reality. <i>Physics Today</i> , 1986, 39, 13-15.	0.3	1
170	Example of a macroscopical classical situation that violates Bell inequalities. <i>Lettere Al Nuovo Cimento Rivista Internazionale Della SocietÀ Italiana Di Fisica</i> , 1982, 34, 107-111.	0.4	45
171	Description of many separated physical entities without the paradoxes encountered in quantum mechanics. <i>Foundations of Physics</i> , 1982, 12, 1131-1170.	1.3	153
172	The role of the modular pairs in the category of complete orthomodular lattice. <i>Letters in Mathematical Physics</i> , 1979, 3, 1-10.	1.1	4
173	A characterization of subsystems in physics. <i>Letters in Mathematical Physics</i> , 1979, 3, 11-17.	1.1	18
174	A mathematical condition for a sublattice of a propositional system to represent a physical subsystem, with a physical interpretation. <i>Letters in Mathematical Physics</i> , 1979, 3, 19-27.	1.1	30
175	The Contributions of Logic to the Foundations of Physics: Foreword. <i>Studia Logica</i> , 0, , .	0.6	0