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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Applying Smarta to the analysis of tourist networks. Mathematical Methods in the Applied Sciences, 2022, 45, 3921-3932.	2.3	0
2	Structure, thermodynamics and information in complex systems. Kybernetes, 2022, ahead-of-print, .	2.2	0
3	Utopian and dystopian ideological systems and unintended and adverse consequences. Kybernetes, 2021, 50, 2850-2882.	2.2	0
4	Belief, Knowledge and Faith: A Logical Modal Theory. Foundations of Science, 2021, 26, 453-474.	0.7	1
5	Epistemological considerations about mathematical concepts. Kybernetes, 2021, ahead-of-print, .	2.2	1
6	Mathematical Perspectives on Liar Paradoxes. Logica Universalis, 2021, 15, 251-269.	0.2	2
7	Ontological Argument and Infinity in Spinoza's Thought. Foundations of Science, 2020, 25, 385-400.	0.7	1
8	Modelling Complex Social Systems: A New Network Point of View in Labour Markets. IEEE Access, 2020, , 1-1.	4.2	0
9	Reproductive system and interaction with fauna in a Mediterranean Pyrophite shrub. Ecological Complexity, 2020, 44, 100887.	2.9	0
10	Solutions of Extension and Limits of Some Cantorian Paradoxes. Mathematics, 2020, 8, 486.	2.2	0
11	Theorizing About Theories and Mathematical Existence. Foundations of Science, 2020, 25, 587-595.	0.7	1
12	Interpreting the Smartphone Life Cycle Through Smarta. IEEE Access, 2019, 7, 110730-110739.	4.2	2
13	Cantor Paradoxes, Possible Worlds and Set Theory. Mathematics, 2019, 7, 628.	2.2	0
14	Causal Analysis of the Spanish Industrial Sector Through Smarta. IEEE Access, 2019, 7, 33556-33564.	4.2	3
15	Design of Products Through the Search for the Attractor. IEEE Access, 2019, 7, 60221-60227.	4.2	7
16	Dialectical logic for mythical and mystical superstructural systems. Kybernetes, 2019, 48, 1653-1680.	2.2	7
17	Argumentum Ontologicum and Argumentum Ornithologicum: Anselm of Canterbury and Jorge Luis Borges. Foundations of Science, 2019, 24, 727-749.	0.7	2
18	Dialectical logic for mythical and mystical superstructural systems (ii). Kybernetes, 2019, 48, 1851-1870.	2.2	1

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19	Mathematical Logic of Notions and Concepts. Foundations of Science, 2019, 24, 641-655.	0.7	4
20	A dialectical vision of mathematical models of complex systems. Kybernetes, 2019, 49, 938-959.	2.2	1
21	Indirect Effects, Biotic Inferential Interactions and Time Functions in H-Semiotic Systems: Ecosystems Case. Mathematics, 2019, 7, 323.	2.2	1
22	Impure Systems and Ecological Models (II): Components and Thermodynamics. Foundations of Science, 2019, 24, 427-455.	0.7	0
23	What are unintended and adverse consequences?. Kybernetes, 2019, 48, 226-237.	2.2	5
24	Stoichiometric modeling of aboveground-belowground interaction of herbaceous plant. Mathematical Biosciences and Engineering, 2019, 16, 25-55.	1.9	2
25	Behavior of pyrophite shrubs in mediterranean terrestrial ecosystems (i): Population and reproductive model. Mathematical Biosciences, 2018, 297, 58-77.	1.9	2
26	A new network perspective in the study of labour markets. Mathematical Methods in the Applied Sciences, 2018, 41, 2261-2268.	2.3	5
27	Impure Systems and Ecological Models (I): Axiomatization. Foundations of Science, 2018, 23, 297-321.	0.7	0
28	Universe of Discourse and Existence. Mathematics, 2018, 6, 272.	2.2	2
29	Spatial model of a pyrophite shrub in Mediterranean terrestrial ecosystems. Ecological Modelling, 2018, 384, 333-340.	2.5	2
30	Mathematics, Philosophical and Semantic Considerations on Infinity (II): Dialectical Vision. Foundations of Science, 2017, 22, 655-674.	0.7	4
31	Causality in complex systems. Kybernetes, 2017, 46, 590-602.	2.2	4
32	Study of the effectiveness of electric vehicle warning sounds depending on the urban environment. Applied Acoustics, 2017, 116, 317-328.	3.3	26
33	Dialectical Multivalued Logic and Probabilistic Theory. Mathematics, 2017, 5, 15.	2.2	3
34	What Are Ideological Systems?. Systems, 2017, 5, 21.	2.3	6
35	Structure and Superstructures in Complex Social Systems. Systems, 2017, 5, 28.	2.3	7
36	Causal Analysis of Databases Concerning Electromagnetism and Health. Systems, 2016, 4, 39.	2.3	1

#	ARTICLE	IF	CITATIONS
37	Proposal for the Formalization of Dialectical Logic. Mathematics, 2016, 4, 69.	2.2	7
38	Complex impure systems: Sheaves, freeways, and chains. Complexity, 2016, 21, 387-400.	1.6	7
39	Semiotic open complex systems: Processes and behaviors. Complexity, 2016, 21, 388-396.	1.6	2
40	Synonymy relationship and stochastic processes in determination of flow equations in ecological models. Ecological Complexity, 2016, 26, 79-88.	2.9	5
41	Semantics of language for ecosystems modelling: A model case. Ecological Modelling, 2016, 328, 85-94.	2.5	3
42	Invariability, orbits and fuzzy attractors. International Journal of General Systems, 2016, 45, 29-40.	2.5	1
43	Stability, sensitivity and uncertainty rates in the flow equations of ecological models. Ecological Complexity, 2016, 28, 62-68.	2.9	4
44	What are Belief Systems?. Foundations of Science, 2016, 21, 147-152.	0.7	33
45	Textual Theory and Complex Belief Systems: Topological Theory. Foundations of Science, 2016, 21, 153-175.	0.7	3
46	Mathematical, Philosophical and Semantic Considerations on Infinity (I): General Concepts. Foundations of Science, 2016, 21, 615-630.	0.7	6
47	Walking Through Cantor's Paradise and Escher's Garden: Epistemological Reflections on the Mathematical Infinite (I). Cybernetics and Systems, 2015, 46, 423-437.	2.5	4
48	Ideological Complex Systems: Mathematical Theory. Complexity, 2015, 21, 47-65.	1.6	6
49	A logicâ€œmathematical point of view of the truth: Reality, perception, and language. Complexity, 2015, 20, 58-67.	1.6	9
50	â€œUnintended effectsâ€œ A theorem for complex systems. Complexity, 2015, 21, 342-354.	1.6	4
51	Mythical systems: mathematic and logical theory. International Journal of General Systems, 2015, 44, 76-97.	2.5	10
52	Chebanov law and Vakar formula in mathematical models of complex systems. Ecological Complexity, 2015, 21, 27-33.	2.9	9
53	Language, Values, and Ideology in Complex Human Societies. Cybernetics and Systems, 2015, 46, 390-422.	2.5	6
54	Guest Editorial: Belief Systems and Science. Cybernetics and Systems, 2015, 46, 379-389.	2.5	4

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55	Fuzzy Structure of Complex Belief Systems: Fuzzy Relations and Fuzzy Belief Sets. Cybernetics and Systems, 2015, 46, 452-469.	2.5	1
56	Walking Through Cantor's Paradise and Escher's Garden: Epistemological Reflections on the Mathematical Infinite (II). Cybernetics and Systems, 2015, 46, 438-451.	2.5	0
57	Linguistic Knowledge of Reality: A Metaphysical Impossibility?. Foundations of Science, 2015, 20, 27-58.	0.7	22
58	An Approach to Paraconsistent Multivalued Logic: Evaluation by Complex Truth Values. Springer Proceedings in Mathematics and Statistics, 2015, , 147-163.	0.2	6
59	Myth, language, and complex ideologies. Complexity, 2014, 20, 63-81.	1.6	13
60	A theoretical point of view of reality, perception, and language. Complexity, 2014, 20, 27-37.	1.6	15
61	Data analysis using circular causality in networks. Complexity, 2014, 19, 15-19.	1.6	6
62	Coverage and invariability in fuzzy systems. International Journal of General Systems, 2014, 43, 96-104.	2.5	2
63	Reality, Systems and Impure Systems. Foundations of Science, 2014, 19, 289-306.	0.7	34
64	Model, Metamodel and Topology. Foundations of Science, 2014, 19, 285-288.	0.7	2
65	Coverage and invariance for the biological control of pests in mediterranean greenhouses. Ecological Modelling, 2014, 292, 37-44.	2.5	4
66	Semiotic Vision of Ideologies. Foundations of Science, 2014, 19, 263-282.	0.7	30
67	Revealing the Face of Isis. Foundations of Science, 2014, 19, 311-318.	0.7	0
68	Topological structures of complex belief systems (II): Textual materialization. Complexity, 2013, 19, 50-62.	1.6	26
69	An introduction to alysidal algebra (IV). Kybernetes, 2013, 42, 1235-1247.	2.2	9
70	An introduction to alysidal algebra (V): phenomenological components. Kybernetes, 2013, 42, 1248-1264.	2.2	12
71	Topological structures of complex belief systems. Complexity, 2013, 19, 46-62.	1.6	25
72	An introduction to alysidal algebra (II). Kybernetes, 2012, 41, 780-793.	2.2	22

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73	An introduction to alysidal algebra (III). Kybernetes, 2012, 41, 1638-1649.	2.2	21
74	An introduction to alysidal algebra (I). Kybernetes, 2012, 41, 21-34.	2.2	25
75	Dialectical Hegelian Logic and Physical Quantity and Quality. Foundations of Science, 0, , 1.	0.7	0
76	Paradoxical Aspects of the Russellian Conception of Existence. Foundations of Science, 0, , .	0.7	0
77	Belief systems and ideological deep disagreement. International Journal of General Systems, 0, , 1-43.	2.5	2
78	Processes of Cellular Division and Fusion: System-Linkage Interpretation. Cybernetics and Systems, 0, , 1-11.	2.5	0