

# Tomas Veloz

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

491  
citations

706676

14  
h-index

843174

20  
g-index

48  
all docs

48  
docs citations

48  
times ranked

229  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards an Analytic Framework for System Resilience Based on Reaction Networks. Complexity, 2022, 2022, 1-29.	0.9	5
2	Modeling Human Decision-Making: An Overview of the Brussels Quantum Approach. Foundations of Science, 2021, 26, 27-54.	0.4	13
3	Beyond planetary-scale feedback self-regulation: Gaia as an autopoietic system. BioSystems, 2021, 199, 104314.	0.9	14
4	Toward endosymbiosis modeling using reaction networks. Soft Computing, 2021, 25, 6831-6840.	2.1	4
5	Preface of the Special Issue: International Symposium "Worlds of Entanglement" - Second Part. Foundations of Science, 2021, 26, 1-4.	0.4	2
6	Special issue "International Symposium on Molecular Logic and Computational Synthetic Biology: MLCSB18" Soft Computing, 2021, 25, 6729-6730.	2.1	0
7	Reaction Network Modeling of Complex Ecological Interactions: Endosymbiosis and Multilevel Regulation. Complexity, 2021, 2021, 1-12.	0.9	3
8	Goal Directedness, Chemical Organizations, and Cybernetic Mechanisms. Entropy, 2021, 23, 1039.	1.1	10
9	From STEM to STEAM: An Enactive and Ecological Continuum. Frontiers in Education, 2021, 6, .	1.2	14
10	Goals as Emergent Autopoietic Processes. Frontiers in Bioengineering and Biotechnology, 2021, 9, 720652.	2.0	5
11	On the Conceptuality Interpretation of Quantum and Relativity Theories. Foundations of Science, 2020, 25, 5-54.	0.4	16
12	Preface of the Special Issue International Symposium "Worlds of Entanglement" Foundations of Science, 2020, 25, 1-4.	0.4	3
13	The Complexity-Stability Debate, Chemical Organization Theory, and the Identification of Non-classical Structures in Ecology. Foundations of Science, 2020, 25, 259-273.	0.4	9
14	Quantum entanglement in physical and cognitive systems: A conceptual analysis and a general representation. European Physical Journal Plus, 2019, 134, 1.	1.2	28
15	From Quantum Axiomatics to Quantum Conceptuality. Activitas Nervosa Superior, 2019, 61, 76-82.	0.4	3
16	Quantum Theory Methods as a Possible Alternative for the Double-Blind Gold Standard of Evidence-Based Medicine: Outlining a New Research Program. Foundations of Science, 2019, 24, 217-225.	0.4	2
17	QUANTUM COGNITION GOES BEYOND-QUANTUM: MODELING THE COLLECTIVE PARTICIPANT IN PSYCHOLOGICAL MEASUREMENTS. , 2019, , .		0
18	Spin and Wind Directions I: Identifying Entanglement in Nature and Cognition. Foundations of Science, 2018, 23, 323-335.	0.4	18

#	ARTICLE	IF	CITATIONS
19	Spin and Wind Directions II: A Bell State Quantum Model. Foundations of Science, 2018, 23, 337-365.	0.4	17
20	On the Classical-Quantum Relation of Constants of Motion. Frontiers in Physics, 2018, 6, .	1.0	0
21	Towards a quantum World Wide Web. Theoretical Computer Science, 2018, 752, 116-131.	0.5	18
22	The state context property formalism: from concept theory to the semantics of music. Soft Computing, 2017, 21, 1505-1513.	2.1	6
23	Testing Quantum Models of Conjunction Fallacy on the World Wide Web. International Journal of Theoretical Physics, 2017, 56, 3744-3756.	0.5	12
24	Reaction Networks as a Language for Systemic Modeling: Fundamentals and Examples. Systems, 2017, 5, 11.	1.2	15
25	Reaction Networks as a Language for Systemic Modeling: On the Study of Structural Changes. Systems, 2017, 5, 30.	1.2	7
26	Quantum Cognition Beyond Hilbert Space: Fundamentals and Applications. Lecture Notes in Computer Science, 2017, , 81-98.	1.0	2
27	Context and Interference Effects in the Combinations of Natural Concepts. Lecture Notes in Computer Science, 2017, , 677-690.	1.0	2
28	Acreditaci3n en Red: un sistema de acreditaci3n distribuida para la educaci3n continua. Innoeduca, 2017, 3, 146.	0.5	1
29	New fundamental evidence of non-classical structure in the combination of natural concepts. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150095.	1.6	35
30	Quantum structure of negation and conjunction in human thought. Frontiers in Psychology, 2015, 6, 1447.	1.1	26
31	Unitary Transformations in the Quantum Model for Conceptual Conjunctions and Its Application to Data Representation. Frontiers in Psychology, 2015, 6, 1734.	1.1	4
32	Quantum Structure in Cognition and the Foundations of Human Reasoning. International Journal of Theoretical Physics, 2015, 54, 4557-4569.	0.5	18
33	The Quantum Nature of Identity in Human Thought: Bose-Einstein Statistics for Conceptual Indistinguishability. International Journal of Theoretical Physics, 2015, 54, 4430-4443.	0.5	19
34	Existence, computability and stability for solutions of the diffusion equation with general piecewise constant argument. Journal of Mathematical Analysis and Applications, 2015, 426, 330-339.	0.5	18
35	Effects of small particle numbers on long-term behaviour in discrete biochemical systems. Bioinformatics, 2014, 30, i475-i481.	1.8	28
36	Reaction networks and evolutionary game theory. Journal of Mathematical Biology, 2014, 68, 181-206.	0.8	24

#	ARTICLE	IF	CITATIONS
37	Meaningâ€“Focused and Quantumâ€“Inspired Information Retrieval. Lecture Notes in Computer Science, 2014, , 71-83.	1.0	6
38	Measuring Conceptual Entanglement in Collections of Documents. Lecture Notes in Computer Science, 2014, , 134-146.	1.0	1
39	Cycles and the Qualitative Evolution of Chemical Systems. PLoS ONE, 2012, 7, e45772.	1.1	36
40	The Guppy Effect as Interference. Lecture Notes in Computer Science, 2012, , 36-47.	1.0	19
41	Toward a Formal Model of the Shifting Relationship between Concepts and Contexts during Associative Thought. Lecture Notes in Computer Science, 2011, , 25-34.	1.0	10
42	Feasibility of Organizations â€“ A Refinement of Chemical Organization Theory with Application to P Systems. Lecture Notes in Computer Science, 2010, , 325-337.	1.0	5