Valentin Goranko

List of Publications by Year
in descending order

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58	1,289	516710 16	414414 32
papers	citations	h-index	g-index

61	61	61	373
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Using the Universal Modality: Gains and Questions. Journal of Logic and Computation, 1992, 2, 5-30.	0.8	206
2	Modal logic with names. Journal of Philosophical Logic, 1993, 22, 607-636.	0.9	137
3	A Road Map of Interval Temporal Logics and Duration Calculi. Journal of Applied Non-Classical Logics, 2004, 14, 9-54.	0.5	110
4	Complete axiomatization and decidability of Alternating-time temporal logic. Theoretical Computer Science, 2006, 353, 93-117.	0.9	96
5	Propositional interval neighborhood logics: Expressiveness, decidability, and undecidable extensions. Annals of Pure and Applied Logic, 2009, 161, 289-304.	0.5	63
6	Hierarchies of modal and temporal logics with reference pointers. Journal of Logic, Language and Information, 1996, 5, 1.	0.6	57
7	Alternating-time temporal logics with irrevocable strategies. , 2007, , .		50
8	Elementary canonical formulae: extending Sahlqvistâ€™s theorem. Annals of Pure and Applied Logic, 2006, 141, 180-217.	0.5	49
9	Refutation systems in modal logic. Studia Logica, 1994, 53, 299-324.	0.6	47
10	Comparing Semantics of Logics eor Multi-Agent Systems. SynthÃˆse, 2004, 139, 241-280.	1.1	43
11	Decidable and Undecidable Fragments of Halpern and Shohamâ€™s Interval Temporal Logic: Towards a Complete Classification. Lecture Notes in Computer Science, 2008, , 590-604.	1.3	32
12	The dark side of interval temporal logic: marking the undecidability border. Annals of Mathematics and Artificial Intelligence, 2014, 71, 41-83.	1.3	27
13	The Basic Algebra of Game Equivalences. Studia Logica, 2003, 75, 221-238.	0.6	23
14	Tableau-based decision procedures for logics of strategic ability in multiagent systems. ACM Transactions on Computational Logic, 2009, 11, 1-51.	0.9	23
15	Tableau Tool for Testing Satisfiability in LTL: Implementation and Experimental Analysis. Electronic Notes in Theoretical Computer Science, 2010, 262, 113-125.	0.9	20
16	The Craig interpolation theorem for prepositional logics with strong negation. Studia Logica, 1985, 44, 291-317.	0.6	19
17	Strategic games and truly playable effectivity functions. Autonomous Agents and Multi-Agent Systems, 2013, 26, 288-314.	2.1	17
18	How to Be Both Rich and Happy: Combining Quantitative and Qualitative Strategic Reasoning about Multi-Player Games (Extended Abstract). Electronic Proceedings in Theoretical Computer Science, EPTCS, 2013, 112, 33-41.	0.8	15

#	Article	IF	Citations
19	Metric propositional neighborhood logics on natural numbers. Software and Systems Modeling, 2013, 12, 245-264.	2.7	14
20	Model-checking CTL* over flat Presburger counter systems. Journal of Applied Non-Classical Logics, 2010, 20, 313-344.	0.5	12
21	Logical Theories for Fragments of Elementary Geometry. , 2007, , 343-428.		12
22	Logics for Reasoning About Strategic Abilities in Multi-player Games. Lecture Notes in Computer Science, 2015, , 93-136.	1.3	12
23	Sahlqvist Formulas Unleashed in Polyadic Modal Languages. , 2002, , 221-240.		11
24	Modal Logics for Parallelism, Orthogonality, and Affine Geometries. Journal of Applied Non-Classical Logics, 2002, 12, 365-397.	0.5	11
25	Algorithmic correspondence and completeness in modal logic. V. Recursive extensions of SQEMA. Journal of Applied Logic, 2010, 8, 319-333.	1.1	9
26	A complete classification of the expressiveness of interval logics of Allenâ€™s relations: the general and the dense cases. Acta Informatica, 2016, 53, 207-246.	0.5	9
27	Axiomatizations with Context Rules of Inference in Modal Logic. Studia Logica, 1998, 61, 179-197.	0.6	8
28	Two-sorted Point-Interval Temporal Logics. Electronic Notes in Theoretical Computer Science, 2011, 278, 31-45.	0.9	8
29	Temporal Logics with Reference Pointers and Computation Tree Logics. Journal of Applied Non-Classical Logics, 2000, 10, 221-242.	0.5	7
30	LOGICS FOR PROPOSITIONAL DETERMINACY AND INDEPENDENCE. Review of Symbolic Logic, 2018, 11, 470-506.	0.7	7
31	An Extended Branching-Time Ockhamist Temporal Logic. Journal of Logic, Language and Information, 1999, 8, 143-166.	0.6	6
32	Optimal Tableaux-Based Decision Procedure for Testing Satisfiability in the Alternating-Time Temporal Logic ATL+. Lecture Notes in Computer Science, 2014, , 277-291.	1.3	6
33	The modal logic of the countable random frame. Archive for Mathematical Logic, 2003, 42, 221-243.	0.3	5
34	IV. Semantic extensions of SQEMA. Journal of Applied Non-Classical Logics, 2008, 18, 175-211.	0.5	5
35	Undecidability of the Logic of Overlap Relation over Discrete Linear Orderings. Electronic Notes in Theoretical Computer Science, 2010, 262, 65-81.	0.9	5
36	Alternating-time temporal logic ATL with finitely bounded semantics. Theoretical Computer Science, 2019, 797, 129-155.	0.9	5

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37	Hyperboolean Algebras and Hyperboolean Modal Logic. Journal of Applied Non-Classical Logics, 1999, 9, 345-368.	0.5	4
38	Game-Theoretic Semantics for Alternating-Time Temporal Logic. ACM Transactions on Computational Logic, 2018, 19, 1-38.	0.9	4
39	Hybrid Deductionâ€“Refutation Systems. Axioms, 2019, 8, 118.	1.9	4
40	Two-Player Preplay Negotiation Games with Conditional Offers. International Game Theory Review, 2016, 18, 1550017.	0.5	3
41	Big Brother Logic: visual-epistemic reasoning in stationary multi-agent systems. Autonomous Agents and Multi-Agent Systems, 2016, 30, 793-825.	2.1	3
42	State and path coalition effectivity models of concurrent multi-player games. Autonomous Agents and Multi-Agent Systems, 2016, 30, 446-485.	2.1	3
43	Rational coordination with no communication or conventions. Journal of Logic and Computation, 2020, 30, 1183-1211.	0.8	3
44	Towards a Logic for Conditional Local Strategic Reasoning. Lecture Notes in Computer Science, 2019, , 112-125.	1.3	3
45	Combining quantitative and qualitative reasoning in concurrent multi-player games. Autonomous Agents and Multi-Agent Systems, 2022, 36, 1.	2.1	3
46	Reasoning about Knowledge, Ronald Fagin, Joseph Y. Halpern, Yoram Moses, and Moshe Y. Vardi. Journal of Logic, Language and Information, 1999, 8, 469-473.	0.6	2
47	Logic-based specification and verification of homogeneous dynamic multi-agent systems. Autonomous Agents and Multi-Agent Systems, 2020, 34, 1.	2.1	2
48	Game-theoretic semantics for ATL+ with applications to model checking. Information and Computation, 2021, 276, 104554.	0.7	2
49	Optimal Tableau Method for Constructive Satisfiability Testing and Model Synthesis in the Alternating-Time Temporal Logic ATL ⁺. ACM Transactions on Computational Logic, 2015, 17, 1-34.	0.9	2
50	Transformations of Multi-Player Normal form Games by Preplay Offers between Players. Axioms, 2022, 11, 73.	1.9	2
51	Knowledge-based strategies for multi-agent teams playing against Nature. Artificial Intelligence, 2022, 309, 103728.	5.8	2
52	A Logic for Conditional Local Strategic Reasoning. Journal of Logic, Language and Information, 0, , .	0.6	2
53	Nicholas Rescher, Paradoxes: Their Roots, Range, and Resolution; Patrick Blackburn, Maarten de Rijke and Yde Venema, Modal Logic, Cambridge Tracts in Theoretical Computer Science Vol. 53. Studia Logica, 2004, 76, 135-142.	0.6	1
54	Hybrid Metric Propositional Neighborhood Logics with Interval Length Binders. Electronic Notes in Theoretical Computer Science, 2011, 273, 3-19.	0.9	1

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55	Dynamic Multi-Agent Systems: Conceptual Framework, Automata-Based Modelling and Verification. Lecture Notes in Computer Science, 2019, , 106-122.	1.3	1
56	The Temporal Logic of Coalitional Goal Assignments in Concurrent Multiplayer Games. ACM Transactions on Computational Logic, 2022, 23, 1-58.	0.9	1
57	Modal Logic, Alexander Chagrov and Michael Zakharyaschev. Journal of Logic, Language and Information, 1999, 8, 255-258.	0.6	0
58	From the Venerable History of Logic to the Flourishing Future of Logics. , 2022, 1, 2-3.		0