

Valentin Goranko

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,289
citations

516710

16
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414414

32
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61
all docs

61
docs citations

61
times ranked

373
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining quantitative and qualitative reasoning in concurrent multi-player games. <i>Autonomous Agents and Multi-Agent Systems</i> , 2022, 36, 1.	2.1	3
2	Transformations of Multi-Player Normal form Games by Preplay Offers between Players. <i>Axioms</i> , 2022, 11, 73.	1.9	2
3	From the Venerable History of Logic to the Flourishing Future of Logics. , 2022, 1, 2-3.		0
4	The Temporal Logic of Coalitional Goal Assignments in Concurrent Multiplayer Games. <i>ACM Transactions on Computational Logic</i> , 2022, 23, 1-58.	0.9	1
5	Knowledge-based strategies for multi-agent teams playing against Nature. <i>Artificial Intelligence</i> , 2022, 309, 103728.	5.8	2
6	Game-theoretic semantics for ATL+ with applications to model checking. <i>Information and Computation</i> , 2021, 276, 104554.	0.7	2
7	Rational coordination with no communication or conventions. <i>Journal of Logic and Computation</i> , 2020, 30, 1183-1211.	0.8	3
8	Logic-based specification and verification of homogeneous dynamic multi-agent systems. <i>Autonomous Agents and Multi-Agent Systems</i> , 2020, 34, 1.	2.1	2
9	Alternating-time temporal logic ATL with finitely bounded semantics. <i>Theoretical Computer Science</i> , 2019, 797, 129-155.	0.9	5
10	Hybrid Deductionâ€“Refutation Systems. <i>Axioms</i> , 2019, 8, 118.	1.9	4
11	Dynamic Multi-Agent Systems: Conceptual Framework, Automata-Based Modelling and Verification. <i>Lecture Notes in Computer Science</i> , 2019, , 106-122.	1.3	1
12	Towards a Logic for Conditional Local Strategic Reasoning. <i>Lecture Notes in Computer Science</i> , 2019, , 112-125.	1.3	3
13	Game-Theoretic Semantics for Alternating-Time Temporal Logic. <i>ACM Transactions on Computational Logic</i> , 2018, 19, 1-38.	0.9	4
14	LOGICS FOR PROPOSITIONAL DETERMINACY AND INDEPENDENCE. <i>Review of Symbolic Logic</i> , 2018, 11, 470-506.	0.7	7
15	Two-Player Preplay Negotiation Games with Conditional Offers. <i>International Game Theory Review</i> , 2016, 18, 1550017.	0.5	3
16	Big Brother Logic: visual-epistemic reasoning in stationary multi-agent systems. <i>Autonomous Agents and Multi-Agent Systems</i> , 2016, 30, 793-825.	2.1	3
17	A complete classification of the expressiveness of interval logics of Allenâ€™s relations: the general and the dense cases. <i>Acta Informatica</i> , 2016, 53, 207-246.	0.5	9
18	State and path coalition effectivity models of concurrent multi-player games. <i>Autonomous Agents and Multi-Agent Systems</i> , 2016, 30, 446-485.	2.1	3

#	ARTICLE	IF	CITATIONS
19	Logics for Reasoning About Strategic Abilities in Multi-player Games. Lecture Notes in Computer Science, 2015, , 93-136.	1.3	12
20	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
21	The dark side of interval temporal logic: marking the undecidability border. Annals of Mathematics and Artificial Intelligence, 2014, 71, 41-83.	1.3	27
22	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
23	Metric propositional neighborhood logics on natural numbers. Software and Systems Modeling, 2013, 12, 245-264.	2.7	14
24	Strategic games and truly playable effectivity functions. Autonomous Agents and Multi-Agent Systems, 2013, 26, 288-314.	2.1	17
25	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
26	Two-sorted Point-Interval Temporal Logics. Electronic Notes in Theoretical Computer Science, 2011, 278, 31-45.	0.9	8
27	Hybrid Metric Propositional Neighborhood Logics with Interval Length Binders. Electronic Notes in Theoretical Computer Science, 2011, 273, 3-19.	0.9	1
28	Algorithmic correspondence and completeness in modal logic. V. Recursive extensions of SQEMA. Journal of Applied Logic, 2010, 8, 319-333.	1.1	9
29	Undecidability of the Logic of Overlap Relation over Discrete Linear Orderings. Electronic Notes in Theoretical Computer Science, 2010, 262, 65-81.	0.9	5
30	Tableau Tool for Testing Satisfiability in LTL: Implementation and Experimental Analysis. Electronic Notes in Theoretical Computer Science, 2010, 262, 113-125.	0.9	20
31	Model-checking CTL* over flat Presburger counter systems. Journal of Applied Non-Classical Logics, 2010, 20, 313-344.	0.5	12
32	Tableau-based decision procedures for logics of strategic ability in multiagent systems. ACM Transactions on Computational Logic, 2009, 11, 1-51.	0.9	23
33	Propositional interval neighborhood logics: Expressiveness, decidability, and undecidable extensions. Annals of Pure and Applied Logic, 2009, 161, 289-304.	0.5	63
34	IV. Semantic extensions of SQEMA. Journal of Applied Non-Classical Logics, 2008, 18, 175-211.	0.5	5
35	Decidable and Undecidable Fragments of Halpern and Shoham's Interval Temporal Logic: Towards a Complete Classification. Lecture Notes in Computer Science, 2008, , 590-604.	1.3	32
36	Alternating-time temporal logics with irrevocable strategies. , 2007, , .		50

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37	Logical Theories for Fragments of Elementary Geometry. , 2007, , 343-428.		12
38	Elementary canonical formulae: extending Sahlqvist's theorem. Annals of Pure and Applied Logic, 2006, 141, 180-217.	0.5	49
39	Complete axiomatization and decidability of Alternating-time temporal logic. Theoretical Computer Science, 2006, 353, 93-117.	0.9	96
40	A Road Map of Interval Temporal Logics and Duration Calculi. Journal of Applied Non-Classical Logics, 2004, 14, 9-54.	0.5	110
41	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
42	Comparing Semantics of Logics for Multi-Agent Systems. Synthese, 2004, 139, 241-280.	1.1	43
43	The Basic Algebra of Game Equivalences. Studia Logica, 2003, 75, 221-238.	0.6	23
44	The modal logic of the countable random frame. Archive for Mathematical Logic, 2003, 42, 221-243.	0.3	5
45	Sahlqvist Formulas Unleashed in Polyadic Modal Languages. , 2002, , 221-240.		11
46	Modal Logics for Parallelism, Orthogonality, and Affine Geometries. Journal of Applied Non-Classical Logics, 2002, 12, 365-397.	0.5	11
47	Temporal Logics with Reference Pointers and Computation Tree Logics. Journal of Applied Non-Classical Logics, 2000, 10, 221-242.	0.5	7
48	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
49	Modal Logic, Alexander Chagrov and Michael Zakharyashev. Journal of Logic, Language and Information, 1999, 8, 255-258.	0.6	0
50	An Extended Branching-Time Ockhamist Temporal Logic. Journal of Logic, Language and Information, 1999, 8, 143-166.	0.6	6
51	Hyperboolean Algebras and Hyperboolean Modal Logic. Journal of Applied Non-Classical Logics, 1999, 9, 345-368.	0.5	4
52	Axiomatizations with Context Rules of Inference in Modal Logic. Studia Logica, 1998, 61, 179-197.	0.6	8
53	Hierarchies of modal and temporal logics with reference pointers. Journal of Logic, Language and Information, 1996, 5, 1.	0.6	57
54	Refutation systems in modal logic. Studia Logica, 1994, 53, 299-324.	0.6	47

#	ARTICLE	IF	CITATIONS
55	Modal logic with names. <i>Journal of Philosophical Logic</i> , 1993, 22, 607-636.	0.9	137
56	Using the Universal Modality: Gains and Questions. <i>Journal of Logic and Computation</i> , 1992, 2, 5-30.	0.8	206
57	The Craig interpolation theorem for prepositional logics with strong negation. <i>Studia Logica</i> , 1985, 44, 291-317.	0.6	19
58	A Logic for Conditional Local Strategic Reasoning. <i>Journal of Logic, Language and Information</i> , 0, , .	0.6	2