

Vladimir V Rybakov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A criterion for admissibility of rules in the model system S4 and the intuitionistic logic. Algebra and Logic, 1984, 23, 369-384.	0.3	94
2	A lattice of normal modal logics. Algebra and Logic, 1974, 13, 105-122.	0.3	75
3	Rules of inference with parameters for intuitionistic logic. Journal of Symbolic Logic, 1992, 57, 912-923.	0.5	61
4	Construction of an Explicit Basis for Rules Admissible in Modal System S4. Mathematical Logic Quarterly, 2001, 47, 441-446.	0.2	46
5	Bases of admissible rules of the logics S4 and Int. Algebra and Logic, 1985, 24, 55-68.	0.3	40
6	Linear temporal logic with until and next, logical consecutions. Annals of Pure and Applied Logic, 2008, 155, 32-45.	0.5	39
7	Linear Temporal Logic LTL: Basis for Admissible Rules. Journal of Logic and Computation, 2011, 21, 157-177.	0.8	38
8	Problems of substitution and admissibility in the modal system Grz and in intuitionistic propositional calculus. Annals of Pure and Applied Logic, 1990, 50, 71-106.	0.5	33
9	Logical Consecutions in Intransitive Temporal Linear Logic of Finite Intervals. Journal of Logic and Computation, 2005, 15, 663-678.	0.8	29
10	Linear Temporal Logic LTLK extended by Multi-Agent Logic Kn with Interacting Agents. Journal of Logic and Computation, 2009, 19, 989-1017.	0.8	22
11	Unification in linear temporal logic LTL. Annals of Pure and Applied Logic, 2011, 162, 991-1000.	0.5	22
12	On Finite Model Property for Admissible Rules. Mathematical Logic Quarterly, 1999, 45, 505-520.	0.2	19
13	Criteria for admissibility of inference rules. Modal and intermediate logics with the branching property. Studia Logica, 1994, 53, 203-225.	0.6	17
14	A Basis in Semi-Reduced Form for the Admissible Rules of the Intuitionistic Logic IPC. Mathematical Logic Quarterly, 2000, 46, 207-218.	0.2	16
15	Unification and admissible rules for paraconsistent minimal Johansson's $\frac{1}{4}$ logic J and positive intuitionistic logic IPC+. Annals of Pure and Applied Logic, 2013, 164, 771-784.	0.5	16
16	A Tableau Method for Checking Rule Admissibility in S4. Electronic Notes in Theoretical Computer Science, 2010, 262, 17-32.	0.9	15
17	Non-transitive linear temporal logic and logical knowledge operations. Journal of Logic and Computation, 2016, 26, 945-958.	0.8	15
18	Admissible rules for pretable modal logics. Algebra and Logic, 1981, 20, 291-307.	0.3	14

#	ARTICLE	IF	CITATIONS
19	Noncompact extensions of the logic S_4 . Algebra and Logic, 1977, 16, 321-334.	0.3	13
20	Logical equations and admissible rules of inference with parameters in modal provability logics. Studia Logica, 1990, 49, 215-239.	0.6	13
21	Refined common knowledge logics or logics of common information. Archive for Mathematical Logic, 2003, 42, 179-200.	0.3	13
22	Nontransitive temporal multiagent logic, information and knowledge, deciding algorithms. Siberian Mathematical Journal, 2017, 58, 875-886.	0.6	11
23	Equations in free topoboolean algebra. Algebra and Logic, 1986, 25, 109-127.	0.3	9
24	DECIDABILITY OF ADMISSIBILITY IN THE MODAL SYSTEM Grz AND IN INTUITIONISTIC LOGIC. Mathematics of the USSR Izvestija, 1987, 28, 589-608.	0.2	9
25	Decidability of the admissibility problem in layer-finite logics. Algebra and Logic, 1984, 23, 75-87.	0.3	8
26	BASES OF ADMISSIBLE RULES OF THE MODAL SYSTEM Grz AND OF INTUITIONISTIC LOGIC. Sbornik: Mathematics, 1987, 56, 311-331.	0.2	8
27	Unification and Passive Inference Rules for Modal Logics. Journal of Applied Non-Classical Logics, 2000, 10, 369-377.	0.5	8
28	Intermediate logics preserving admissible inference rules of heyting calculus. Mathematical Logic Quarterly, 1993, 39, 403-415.	0.2	7
29	Logics with the universal modality and admissible consecutions. Journal of Applied Non-Classical Logics, 2007, 17, 383-396.	0.5	7
30	Logic of Visibility, Perception, and Knowledge and Admissible Inference Rules. Logic Journal of the IGPL, 2005, 13, 201-209.	1.5	6
31	Branching Time Logics $\text{BTL}^{\{\text{U}, \text{S}\}}_{\{\text{N}, \text{N}^{-1}\}}$ (mathcal{Tj} ETQq1 1 0.784314 rgBT /Overlo Consecutions, Deciding Algorithms. Theory of Computing Systems, 2008, 43, 254-271.	1.1	6
32	Hereditarily finitely axiomatizable extensions of logic S_4 . Algebra and Logic, 1976, 15, 115-128.	0.3	5
33	Modal logics with LM-axioms. Algebra and Logic, 1978, 17, 302-310.	0.3	5
34	Bases of quasiidentities of finite modal algebras. Algebra and Logic, 1982, 21, 149-155.	0.3	5
35	An Axiomatisation for the Multi-modal Logic of Knowledge and Linear Time LTK. Logic Journal of the IGPL, 2007, 15, 239-254.	1.5	5
36	Writing out Unifiers in Linear Temporal Logic. Journal of Logic and Computation, 2012, 22, 1199-1206.	0.8	5

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37	Writing out unifiers for formulas with coefficients in intuitionistic logic. Logic Journal of the IGPL, 2013, 21, 187-198.	1.5	5
38	Chance Discovery and Unification in Linear Modal Logic. Lecture Notes in Computer Science, 2011, , 478-485.	1.3	5
39	Projective formulas and unification in linear temporal logic LTLU. Logic Journal of the IGPL, 2014, 22, 665-672.	1.5	4
40	Best Unifiers in Transitive Modal Logics. Studia Logica, 2011, 99, 321-336.	0.6	3
41	Inference Rules in Nelson's Logics, Admissibility and Weak Admissibility. Logica Universalis, 2015, 9, 93-120.	0.2	3
42	Quasi-characteristic inference rules for modal logics. Lecture Notes in Computer Science, 1997, , 333-341.	1.3	3
43	A decidable noncompact extension of the logic S4. Algebra and Logic, 1978, 17, 148-154.	0.3	2
44	Solvability of logical equations in the modal system Grz and intuitionistic logic. Siberian Mathematical Journal, 1991, 32, 297-308.	0.6	2
45	Modal logics preserving admissible for S4 inference rules. Lecture Notes in Computer Science, 1995, , 512-526.	1.3	2
46	Representation of Knowledge and Uncertainty in Temporal Logic LTL with Since on Frames Z of Integer Numbers. Lecture Notes in Computer Science, 2011, , 306-315.	1.3	2
47	CRITERIA FOR ADMISSIBILITY OF RULES OF INFERENCE WITH PARAMETERS IN THE INTUITIONISTIC PROPOSITIONAL CALCULUS. Mathematics of the USSR Izvestija, 1991, 37, 693-703.	0.2	1
48	ADMISSIBILITY OF RULES OF INFERENCE, AND LOGICAL EQUATIONS, IN MODAL LOGICS AXIOMATIZING PROVABILITY. Mathematics of the USSR Izvestija, 1991, 36, 369-390.	0.2	1
49	Independent bases for admissible rules in pretable logics. Algebra and Logic, 2000, 39, 119-130.	0.3	1
50	Preservation of Admissibility of Inference Rules in the Logics Similar to S4.2. Siberian Mathematical Journal, 2002, 43, 357-362.	0.6	1
51	Decidability: theorems and admissible rules. Journal of Applied Non-Classical Logics, 2008, 18, 293-308.	0.5	1
52	Logics of Kripke meta-models. Logic Journal of the IGPL, 2010, 18, 823-836.	1.5	1
53	Chance Discovery and Analysis of Data via Multi-Agent Logics. Procedia Computer Science, 2019, 159, 884-891.	2.0	1
54	Temporal Logic for Modeling Discovery and Logical Uncertainty. Lecture Notes in Computer Science, 2009, , 16-23.	1.3	1

#	ARTICLE	IF	CITATIONS
55	Barwise's information frames and modal logics. Archive for Mathematical Logic, 2003, 42, 261-277.	0.3	0
56	Logic of discovery and knowledge. Decision algorithm. Intelligent Decision Technologies, 2009, 3, 115-120.	0.9	0
57	Modelling of Chance Discovery in variations of Linear Temporal Logic implementing agents' interaction. International Journal of Advanced Intelligence Paradigms, 2010, 2, 198.	0.3	0
58	Temporal Logic $TL^{\wedge Z}_{\{DU\}}$ Modeling Local and Global Discovery with Logical Uncertainty. , 2010, , .		0
59	Admissible inference rules in the linear logic of knowledge and time LTK_r with intransitive time relation. Siberian Mathematical Journal, 2015, 56, 455-470.	0.6	0
60	Representation of Information and Satisfiability, Algorithms for Multi-Agent Logics. Procedia Computer Science, 2020, 176, 70-77.	2.0	0
61	Quantitative Modalities, Possible Applications to Information Analysis. Procedia Computer Science, 2021, 192, 251-258.	2.0	0