

Lev Beclemishev

List of Publications by Year in descending order

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52
papers

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623734

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60
all docs

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docs citations

60
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Provability algebras and proof-theoretic ordinals, I. <i>Annals of Pure and Applied Logic</i> , 2004, 128, 103-123.	0.5	66
2	Reflection principles and provability algebras in formal arithmetic. <i>Russian Mathematical Surveys</i> , 2005, 60, 197-268.	0.6	58
3	Induction rules, reflection principles, and provably recursive functions. <i>Annals of Pure and Applied Logic</i> , 1997, 85, 193-242.	0.5	49
4	Proof-theoretic analysis by iterated reflection. <i>Archive for Mathematical Logic</i> , 2003, 42, 515-552.	0.3	49
5	A proof-theoretic analysis of collection. <i>Archive for Mathematical Logic</i> , 1998, 37, 275-296.	0.3	31
6	Iterated local reflection versus iterated consistency. <i>Annals of Pure and Applied Logic</i> , 1995, 75, 25-48.	0.5	25
7	Parameter free induction and provably total computable functions. <i>Theoretical Computer Science</i> , 1999, 224, 13-33.	0.9	25
8	A Finitary Treatment of the Closed Fragment of Japaridze's Provability Logic. <i>Journal of Logic and Computation</i> , 2005, 15, 447-463.	0.8	23
9	Kripke semantics for provability logic GLP. <i>Annals of Pure and Applied Logic</i> , 2010, 161, 756-774.	0.5	21
10	Provability Logic. , 2005, , 189-360.		20
11	Positive provability logic for uniform reflection principles. <i>Annals of Pure and Applied Logic</i> , 2014, 165, 82-105.	0.5	19
12	On Provability Logics with Linearly Ordered Modalities. <i>Studia Logica</i> , 2014, 102, 541-566.	0.6	18
13	Topological completeness of the provability logic GLP. <i>Annals of Pure and Applied Logic</i> , 2013, 164, 1201-1223.	0.5	16
14	On propositional quantifiers in provability logic.. <i>Notre Dame Journal of Formal Logic</i> , 1993, 34, 401.	0.4	15
15	Propositional primal logic with disjunction. <i>Journal of Logic and Computation</i> , 2014, 24, 257-282.	0.8	15
16	On bimodal logics of provability. <i>Annals of Pure and Applied Logic</i> , 1994, 68, 115-159.	0.5	14
17	Problems in the Logic of Provability. , 2006, , 77-136.		13
18	Topological Interpretations of Provability Logic. <i>Outstanding Contributions To Logic</i> , 2014, , 257-290.	0.3	13

#	ARTICLE	IF	CITATIONS
19	Notes on local reflection principles. <i>Theoria</i> (Stockholm), 1997, 63, 139-146.	0.2	12
20	Provability logics for natural turing progressions of arithmetical theories. <i>Studia Logica</i> , 1991, 50, 107-128.	0.6	11
21	On the non-existence principles in elementary arithmetic and ω -inconsistency. <i>Journal of Symbolic Logic</i> , 1992, 57, 107-128.	0.5	11
22	ON THE CLASSIFICATION OF PROPOSITIONAL PROVABILITY LOGICS. <i>Mathematics of the USSR Izvestija</i> , 1990, 35, 247-275.	0.2	10
23	Bimodal logics for extensions of arithmetical theories. <i>Journal of Symbolic Logic</i> , 1996, 61, 91-124.	0.5	10
24	On the induction schema for decidable predicates. <i>Journal of Symbolic Logic</i> , 2003, 68, 17-34.	0.5	9
25	On Topological Models of GLP. , 2010, , 135-156.		9
26	A simplified proof of arithmetical completeness theorem for provability logic GLP. <i>Proceedings of the Steklov Institute of Mathematics</i> , 2011, 274, 25-33.	0.3	8
27	On the Reflection Calculus with Partial Conservativity Operators. <i>Lecture Notes in Computer Science</i> , 2017, , 48-67.	1.3	8
28	A Note on Strictly Positive Logics and Word Rewriting Systems. <i>Outstanding Contributions To Logic</i> , 2018, , 61-70.	0.3	8
29	ω -incompleteness theorems and the limits of their applicability. I. <i>Russian Mathematical Surveys</i> , 2011, 65, 857-899.	0.6	7
30	Reflection algebras and conservation results for theories of iterated truth. <i>Annals of Pure and Applied Logic</i> , 2022, 173, 103093.	0.5	7
31	On the complexity of arithmetical interpretations of modal formulae. <i>Archive for Mathematical Logic</i> , 1993, 32, 229-238.	0.3	5
32	The Worm principle. , 0, , 75-95.		5
33	On the reduction property for GLP-algebras. <i>Doklady Mathematics</i> , 2017, 95, 50-54.	0.6	5
34	Parameter free induction and reflection. <i>Lecture Notes in Computer Science</i> , 1997, , 103-113.	1.3	5
35	On some slowly terminating term rewriting systems. <i>Sbornik Mathematics</i> , 2015, 206, 1173-1190.	0.6	4
36	Ordinal Completeness of Bimodal Provability Logic GLB. <i>Lecture Notes in Computer Science</i> , 2011, , 1-15.	1.3	4

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37	AXIOMATIZATION OF PROVABLE n -PROVABILITY. <i>Journal of Symbolic Logic</i> , 2019, 84, 849-869.	0.5	3
38	Provability logic without Craig's interpolation property. <i>Mathematical Notes</i> , 1989, 45, 437-445.	0.4	2
39	On the query complexity of finding a local maximum point. <i>Information Processing Letters</i> , 2002, 84, 327-332.	0.6	2
40	Independent enumerations of theories and recursive progressions. <i>Siberian Mathematical Journal</i> , 1992, 33, 760-783.	0.6	1
41	Sergei Ivanovich Adian (on his eightieth birthday). <i>Russian Mathematical Surveys</i> , 2011, 66, 197-198.	0.6	1
42	Normalization of deductions and interpolation for some logics of provability. <i>Russian Mathematical Surveys</i> , 1987, 42, 223-224.	0.6	0
43	Ulrich Kohlenbach. On the arithmetical content of restricted forms of comprehension, choice and general uniform boundedness. <i>Annals of pure and applied logic</i> , vol. 95 (1998), pp. 257-285.. <i>Bulletin of Symbolic Logic</i> , 2001, 7, 75-77.	0.2	0
44	Wolfgang Burr. Fragments of Heyting arithmetic. <i>The journal of symbolic logic</i> , vol. 65 (2000), pp. 1223-1240.. <i>Bulletin of Symbolic Logic</i> , 2002, 8, 533-534.	0.2	0
45	Torkel Franzén. Gödel's theorem: an incomplete guide to its use and abuse. AK Peters, Ltd., Wellesley, Massachusetts, 2005, x + 172 pp.. <i>Bulletin of Symbolic Logic</i> , 2007, 13, 241-243.	0.2	0
46	Torkel Franzén. Inexhaustibility: a non-exhaustive treatment. <i>Lecture Notes in Logic</i> , vol. 16. Association for Symbolic Logic, A K Peters, Ltd., Wellesley, Massachusetts, 2004, xi + 251 pp. - Torkel Franzén.. Transfinite progressions: a second look at completeness. <i>The Bulletin of Symbolic Logic</i> , vol. 10, no. 3 (2004), pp. 367-389.. <i>Bulletin of Symbolic Logic</i> , 2008, 14, 258-259.	0.2	0
47	Proof and Computation. <i>Journal of Logic and Computation</i> , 2011, 21, 541-542.	0.8	0
48	Another Pathological Well-Ordering. , 0, , 105-108.		0
49	Franco Montagna's Work on Provability Logic and Many-valued Logic. <i>Studia Logica</i> , 2016, 104, 1-46.	0.6	0
50	Guest Editorial: Computer Science Symposium in Russia. <i>Theory of Computing Systems</i> , 2017, 61, 462-463.	1.1	0
51	A many-sorted variant of Japaridze's polymodal provability logic. <i>Logic Journal of the IGPL</i> , 2018, 26, 505-538.	1.5	0
52	Axiomatizing Provably n -Provability. <i>Doklady Mathematics</i> , 2018, 98, 582-585.	0.6	0