

Emil JeÅÃ;bek

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

662
citations

567281

15
h-index

580821

25
g-index

41
all docs

41
docs citations

41
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual weak pigeonhole principle, Boolean complexity, and derandomization. <i>Annals of Pure and Applied Logic</i> , 2004, 129, 1-37.	0.5	76
2	Admissible Rules of Modal Logics. <i>Journal of Logic and Computation</i> , 2005, 15, 411-431.	0.8	75
3	Approximate counting in bounded arithmetic. <i>Journal of Symbolic Logic</i> , 2007, 72, 959-993.	0.5	50
4	On Independence of Variants of the Weak Pigeonhole Principle. <i>Journal of Logic and Computation</i> , 2007, 17, 587-604.	0.8	43
5	Admissible Rules of Łukasiewicz Logic. <i>Journal of Logic and Computation</i> , 2010, 20, 425-447.	0.8	38
6	A sorting network in bounded arithmetic. <i>Annals of Pure and Applied Logic</i> , 2011, 162, 341-355.	0.5	34
7	Complexity of admissible rules. <i>Archive for Mathematical Logic</i> , 2007, 46, 73-92.	0.3	31
8	Simulating non-prenex cuts in quantified propositional calculus. <i>Mathematical Logic Quarterly</i> , 2011, 57, 524-532.	0.2	30
9	Independent Bases of Admissible Rules. <i>Logic Journal of the IGPL</i> , 2008, 16, 249-267.	1.5	29
10	Bases of Admissible Rules of Łukasiewicz Logic. <i>Journal of Logic and Computation</i> , 2010, 20, 1149-1163.	0.8	27
11	Canonical rules. <i>Journal of Symbolic Logic</i> , 2009, 74, 1171-1205.	0.5	23
12	Approximate counting by hashing in bounded arithmetic. <i>Journal of Symbolic Logic</i> , 2009, 74, 829-860.	0.5	22
13	Integer factoring and modular square roots. <i>Journal of Computer and System Sciences</i> , 2016, 82, 380-394.	1.2	22
14	The strength of sharply bounded induction. <i>Mathematical Logic Quarterly</i> , 2006, 52, 613-624.	0.2	17
15	Blending margins: the modal logic K has nullary unification type. <i>Journal of Logic and Computation</i> , 2015, 25, 1231-1240.	0.8	17
16	Substitution Frege and extended Frege proof systems in non-classical logics. <i>Annals of Pure and Applied Logic</i> , 2009, 159, 1-48.	0.5	16
17	Frege systems for extensible modal logics. <i>Annals of Pure and Applied Logic</i> , 2006, 142, 366-379.	0.5	12
18	Proof Complexity of the Cut-free Calculus of Structures. <i>Journal of Logic and Computation</i> , 2008, 19, 323-339.	0.8	11

#	ARTICLE	IF	CITATIONS
19	THE UBIQUITY OF CONSERVATIVE TRANSLATIONS. <i>Review of Symbolic Logic</i> , 2012, 5, 666-678.	0.7	11
20	A note on the substructural hierarchy. <i>Mathematical Logic Quarterly</i> , 2016, 62, 102-110.	0.2	9
21	Root finding with threshold circuits. <i>Theoretical Computer Science</i> , 2012, 462, 59-69.	0.9	7
22	Sequence encoding without induction. <i>Mathematical Logic Quarterly</i> , 2012, 58, 244-248.	0.2	7
23	On theories of bounded arithmetic for $\langle \text{mml:math altimg="si1.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="h. Annals of Pure and Applied$	0.5	5
24	The complexity of admissible rules of Lukasiewicz logic. <i>Journal of Logic and Computation</i> , 2013, 23, 693-705.	0.8	5
25	Rules with parameters in modal logic I. <i>Annals of Pure and Applied Logic</i> , 2015, 166, 881-933.	0.5	5
26	Galois connection for multiple-output operations. <i>Algebra Universalis</i> , 2018, 79, 1.	0.3	5
27	Recursive functions and existentially closed structures. <i>Journal of Mathematical Logic</i> , 2020, 20, 2050002.	0.6	5
28	Real closures of models of weak arithmetic. <i>Archive for Mathematical Logic</i> , 2013, 52, 143-157.	0.3	4
29	Proof complexity of intuitionistic implicational formulas. <i>Annals of Pure and Applied Logic</i> , 2017, 168, 150-190.	0.5	4
30	Fragment of Nonstandard Analysis with a Finitary Consistency Proof. <i>Bulletin of Symbolic Logic</i> , 2007, 13, 54-70.	0.2	4
31	Abelian groups and quadratic residues in weak arithmetic. <i>Mathematical Logic Quarterly</i> , 2010, 56, 262-278.	0.2	3
32	Open induction in a bounded arithmetic for TCO. <i>Archive for Mathematical Logic</i> , 2015, 54, 359-394.	0.3	3
33	Proofs with monotone cuts. <i>Mathematical Logic Quarterly</i> , 2012, 58, 177-187.	0.2	2
34	Cluster expansion and the boxdot conjecture. <i>Mathematical Logic Quarterly</i> , 2016, 62, 608-614.	0.2	2
35	Induction rules in bounded arithmetic. <i>Archive for Mathematical Logic</i> , 2020, 59, 461-501.	0.3	2
36	Iterated multiplication in \mathbb{VTC}^0 . <i>Archive for Mathematical Logic</i> , 2022, 61, 705-767.	0.3	2

#	ARTICLE	IF	CITATIONS
37	A note on Grzegorzczuk's logic. <i>Mathematical Logic Quarterly</i> , 2004, 50, 295-296.	0.2	1
38	Division by zero. <i>Archive for Mathematical Logic</i> , 2016, 55, 997-1013.	0.3	1
39	Rigid models of Presburger arithmetic. <i>Mathematical Logic Quarterly</i> , 2019, 65, 108-115.	0.2	1
40	Rules with parameters in modal logic II. <i>Annals of Pure and Applied Logic</i> , 2020, 171, 102829.	0.5	1
41	On the Complexity of the Clone Membership Problem. <i>Theory of Computing Systems</i> , 2021, 65, 839-868.	1.1	0