

# Libor Barto

## List of Publications by Year in descending order

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38  
papers

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39  
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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Constraint Satisfaction Problems over Finite Structures. , 2021, , .		1
2	Minimal Taylor Algebras as a Common Framework for the Three Algebraic Approaches to the CSP. , 2021, , .		3
3	Algebraic Approach to Promise Constraint Satisfaction. Journal of the ACM, 2021, 68, 1-66.	1.8	16
4	Topology Is Irrelevant (In a Dichotomy Conjecture for Infinite Domain Constraint Satisfaction) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	0.8	13
5	Algebraic Theory of Promise Constraint Satisfaction Problems, First Steps. Lecture Notes in Computer Science, 2019, , 3-17.	1.0	0
6	Promises Make Finite (Constraint Satisfaction) Problems Infinitary. , 2019, , .		2
7	Equations in oligomorphic clones and the constraint satisfaction problem for $\aleph_0$ -categorical structures. Journal of Mathematical Logic, 2019, 19, 1950010.	0.6	17
8	The minimal arity of near unanimity polymorphisms. Mathematica Slovaca, 2019, 69, 297-310.	0.3	0
9	The wonderland of reflections. Israel Journal of Mathematics, 2018, 223, 363-398.	0.4	57
10	Finitely related algebras in congruence modular varieties have few subpowers. Journal of the European Mathematical Society, 2018, 20, 1439-1471.	0.7	8
11	Deciding absorption in relational structures. Algebra Universalis, 2017, 78, 3-18.	0.2	3
12	The equivalence of two dichotomy conjectures for infinite domain constraint satisfaction problems. , 2017, , .		10
13	The algebraic dichotomy conjecture for infinite domain Constraint Satisfaction Problems. , 2016, , .		26
14	Deciding absorption. International Journal of Algebra and Computation, 2016, 26, 1033-1060.	0.4	5
15	Robustly Solvable Constraint Satisfaction Problems. SIAM Journal on Computing, 2016, 45, 1646-1669.	0.8	22
16	The collapse of the bounded width hierarchy. Journal of Logic and Computation, 2016, 26, 923-943.	0.5	27
17	THE CONSTRAINT SATISFACTION PROBLEM AND UNIVERSAL ALGEBRA. Bulletin of Symbolic Logic, 2015, 21, 319-337.	0.2	19
18	Mal'cev conditions, lack of absorption, and solvability. Algebra Universalis, 2015, 74, 185-206.	0.2	11

#	ARTICLE	IF	CITATIONS
19	Constraint Satisfaction Problems Solvable by Local Consistency Methods. Journal of the ACM, 2014, 61, 1-19.	1.8	99
20	Constraint satisfaction problem and universal algebra. ACM SIGLOG News, 2014, 1, 14-24.	0.3	16
21	CSP DICHOTOMY FOR SPECIAL POLYADS. International Journal of Algebra and Computation, 2013, 23, 1151-1174.	0.4	3
22	Finitely Related Algebras In Congruence Distributive Varieties Have Near Unanimity Terms. Canadian Journal of Mathematics, 2013, 65, 3-21.	0.3	33
23	Robust satisfiability of constraint satisfaction problems. , 2012, , .		20
24	Near Unanimity Constraints Have Bounded Pathwidth Duality. , 2012, , .		12
25	The Dichotomy for Conservative Constraint Satisfaction Problems Revisited. , 2011, , .		42
26	Cyclic terms for SD $\hat{\ast}$ varieties revisited. Algebra Universalis, 2010, 64, 137-142.	0.2	1
27	Congruence Distributivity Implies Bounded Width. SIAM Journal on Computing, 2010, 39, 1531-1542.	0.8	12
28	New Conditions for Taylor Varieties and CSP. , 2010, , .		11
29	Slices of Essentially Algebraic Categories. Applied Categorical Structures, 2009, 17, 119-152.	0.2	0
30	Congruence modularity implies cyclic terms for finite algebras. Algebra Universalis, 2009, 61, 365-380.	0.2	7
31	Constraint Satisfaction Problems of Bounded Width. , 2009, , .		78
32	The CSP Dichotomy Holds for Digraphs with No Sources and No Sinks (A Positive Answer to a) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	0.8	122
33	CSP dichotomy for special triads. Proceedings of the American Mathematical Society, 2009, 137, 2921-2921.	0.4	17
34	Graphs, polymorphisms and the complexity of homomorphism problems. , 2008, , .		13
35	The category of varieties and interpretations is alg-universal. Journal of Pure and Applied Algebra, 2007, 211, 721-731.	0.3	0
36	Finitary set endofunctors are alg-universal. Algebra Universalis, 2007, 57, 15-26.	0.2	1

#	ARTICLE	IF	CITATIONS
37	Weakly Terminal Objects in Quasicategories of $\mathbb{SET}$ Endofunctors. Applied Categorical Structures, 2005, 13, 257-264.	0.2	1
38	Absorbing Subalgebras, Cyclic Terms, and the Constraint Satisfaction Problem. Logical Methods in Computer Science, 0, Volume 8, Issue 1, .	0.4	56