Nikolay Bazhenov

List of Publications by Year
in descending order

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69	315	1040056 9	1058476 14
papers	citations	h-index	g-index

73	73	73	32
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	FOUNDATIONS OF ONLINE STRUCTURE THEORY. Bulletin of Symbolic Logic, 2019, 25, 141-181.	0.2	32
2	Autostability Spectra for Boolean Algebras. Algebra and Logic, 2015, 53, 502-505.	0.3	20
3	AUTOMATIC AND POLYNOMIAL-TIME ALGEBRAIC STRUCTURES. Journal of Symbolic Logic, 2019, 84, 1630-1669.	0.5	19
4	Autostability spectra for decidable structures. Mathematical Structures in Computer Science, 2018, 28, 392-411.	0.6	16
5	The index set of Boolean algebras autostable relative to strong constructivizations. Siberian Mathematical Journal, 2015, 56, 393-404.	0.6	14
6	Degrees of categoricity for superatomic Boolean algebras. Algebra and Logic, 2013, 52, 179-187.	0.3	13
7	Degrees of Autostability Relative to Strong Constructivizations for Boolean Algebras. Algebra and Logic, 2016, 55, 87-102.	0.3	13
8	Degrees of Categoricity vs. Strong Degrees of Categoricity. Algebra and Logic, 2016, 55, 173-177.	0.3	12
9	Î” 2 0 -Categoricity of Boolean Algebras. Journal of Mathematical Sciences, 2014, 203, 444-454.	0.4	11
10	Degrees of Autostability for Linear Orders and Linearly Ordered Abelian Groups. Algebra and Logic, 2016, 55, 257-273.	0.3	10
11	DEGREES OF CATEGORICITY AND SPECTRAL DIMENSION. Journal of Symbolic Logic, 2018, 83, 103-116.	0.5	9
12	Effective categoricity for distributive lattices and Heyting algebras. Lobachevskii Journal of Mathematics, 2017, 38, 600-614.	0.9	8
13	Index sets of autostable relative to strong constructivizations constructive models for familiar classes. Doklady Mathematics, 2015, 92, 525-527.	0.6	7
14	Categoricity Spectra for Polymodal Algebras. Studia Logica, 2016, 104, 1083-1097.	0.6	7
15	Degrees of bi-embeddable categoricity of equivalence structures. Archive for Mathematical Logic, 2019, 58, 543-563.	0.3	7
16	Learning families of algebraic structures from informant. Information and Computation, 2020, 275, 104590.	0.7	7
17	Degrees of bi-embeddable categoricity. Computability, 2021, 10, 1-16.	0.3	7
18	On Dark Computably Enumerable Equivalence Relations. Siberian Mathematical Journal, 2018, 59, 22-30.	0.6	6

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19	Numberings in the Analytical Hierarchy. Algebra and Logic, 2020, 59, 404-407.	0.3	6
20	Classifying equivalence relations in the Ershov hierarchy. Archive for Mathematical Logic, 2020, 59, 835-864.	0.3	6
21	The index set of the groups autostable relative to strong constructivizations. Siberian Mathematical Journal, 2017, 58, 72-77.	0.6	5
22	Online presentations of finitely generated structures. Theoretical Computer Science, 2020, 844, 195-216.	0.9	5
23	Constructivizability of the boolean algebra $ mathfrak{B}left(omega ight) $ with a distinguished automorphism. Algebra and Logic, 2012, 51, 384-403.	0.3	4
24	Computable Bi-Embeddable Categoricity. Algebra and Logic, 2018, 57, 392-396.	0.3	4
25	Degrees of Autostability Relative to Strong Constructivizations of Graphs. Siberian Mathematical Journal, 2018, 59, 565-577.	0.6	4
26	Elementary theories and hereditary undecidability for semilattices of numberings. Archive for Mathematical Logic, 2019, 58, 485-500.	0.3	4
27	The Structure of Computably Enumerable Preorder Relations. Algebra and Logic, 2020, 59, 201-215.	0.3	4
28	Prime Model with No Degree of Autostability Relative to Strong Constructivizations. Lecture Notes in Computer Science, 2015, , 117-126.	1.3	4
29	Hyperarithmetical Categoricity of Boolean Algebras of Type B $$ mathfrak{B} $$ (Ï‰ Î± Ã— Î·). Journal of Mathematical Sciences, 2014, 202, 40-49.	0.4	3
30	Index Set of Linear Orderings that are Autostable Relative to Strong Constructivizations. Journal of Mathematical Sciences, 2017, 221, 840-848.	0.4	3
31	Computability of Distributive Lattices. Siberian Mathematical Journal, 2017, 58, 959-970.	0.6	3
32	Computable Contact Algebras. Fundamenta Informaticae, 2019, 167, 257-269.	0.4	3
33	Decompositions of decidable abelian groups. International Journal of Algebra and Computation, 2020, 30, 49-90.	0.5	3
34	Minimal Equivalence Relations in Hyperarithmetical and Analytical Hierarchies. Lobachevskii Journal of Mathematics, 2020, 41, 145-150.	0.9	3
35	Degrees of Categoricity of Rigid Structures. Lecture Notes in Computer Science, 2017, , 152-161.	1.3	3
36	Computable Numberings of the Class of Boolean Algebras with Distinguished Endomorphisms. Algebra and Logic, 2013, 52, 355-366.	0.3	2

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37	Effective Embeddings for Pairs of Structures. Lecture Notes in Computer Science, 2019, , 84-95.	1.3	2
38	Weakly Precomplete Equivalence Relations in the Ershov Hierarchy. Algebra and Logic, 2019, 58, 199-213.	0.3	2
39	Computable Isomorphisms of Distributive Lattices. Lecture Notes in Computer Science, 2019, , 28-41.	1.3	2
40	Categoricity Spectra of Computable Structures. Journal of Mathematical Sciences, 2021, 256, 34.	0.4	2
41	On the Turing complexity of learning finite families of algebraic structures. Journal of Logic and Computation, 0, , .	0.8	2
42	A Note on Effective Categoricity for Linear Orderings. Lecture Notes in Computer Science, 2017, , 85-96.	1.3	2
43	Linear Orders and Categoricity Spectra. , 2019, , .		2
44	Computable categoricity of the Boolean algebra $ mathfrak{B}left(omega ight) $ with a distinguished automorphism. Algebra and Logic, 2013, 52, 89-97.	0.3	1
45	2-Computably Enumerable Degrees of Categoricity for Boolean Algebras with Distinguished Automorphisms. Journal of Mathematical Sciences, 2015, 211, 738-746.	0.4	1
46	Rogers Semilattices for Families of Equivalence Relations in the Ershov Hierarchy. Siberian Mathematical Journal, 2019, 60, 223-234.	0.6	1
47	Constructing Decidable Graphs from Decidable Structures. Algebra and Logic, 2019, 58, 369-382.	0.3	1
48	Strong Degrees of Categoricity and Weak Density. Lobachevskii Journal of Mathematics, 2020, 41, 1630-1639.	0.9	1
49	Approximating Approximate Reasoning: Fuzzy Sets and the Ershov Hierarchy. Lecture Notes in Computer Science, 2021, , 1-13.	1.3	1
50	Punctual Categoricity Spectra of Computably Categorical Structures. Algebra and Logic, 2021, 60, 223-228.	0.3	1
51	On bi-embeddable categoricity of algebraic structures. Annals of Pure and Applied Logic, 2022, 173, 103060.	0.5	1
52	Rogers semilattices of punctual numberings. Mathematical Structures in Computer Science, 2022, 32, 164-188.	0.6	1
53	Primitive recursive equivalence relations and their primitive recursive complexity. Computability, 2022, 11, 187-221.	0.3	1
54	The Branching Theorem and Computable Categoricity in the Ershov Hierarchy. Algebra and Logic, 2015, 54, 91-104.	0.3	0

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55	Boolean Algebras with Distinguished Endomorphisms and Generating Trees. Journal of Mathematical Sciences, 2016, 215, 460-474.	0.4	0
56	Degrees of Autostability for Prime Boolean Algebras. Algebra and Logic, 2018, 57, 98-114.	0.3	0
57	On Decidability of List Structures. Siberian Mathematical Journal, 2019, 60, 377-388.	0.6	0
58	Bounded Reducibility for Computable Numberings. Lecture Notes in Computer Science, 2019, , 96-107.	1.3	0
59	OnÂUniversal Pairs in the Ershov Hierarchy. Siberian Mathematical Journal, 2021, 62, 23-31.	0.6	0
60	A Note on Computable Distinguishing Colorings. Lobachevskii Journal of Mathematics, 2021, 42, 693-700.	0.9	0
61	Theories of Rogers Semilattices of Analytical Numberings. Lobachevskii Journal of Mathematics, 2021, 42, 701-708.	0.9	0
62	OnÂCategoricity Spectra for Locally Finite Graphs. Siberian Mathematical Journal, 2021, 62, 796-804.	0.6	0
63	Computable embeddability for algebraic structures. Asian-European Journal of Mathematics, 0, , .	0.5	0
64	Semilattices of Punctual Numberings. Lecture Notes in Computer Science, 2020, , 1-12.	1.3	0
65	A Note on Computable Embeddings for Ordinals and Their Reverses. Lecture Notes in Computer Science, 2020, , 1-13.	1.3	0
66	Definable Subsets of Polynomial-Time Algebraic Structures. Lecture Notes in Computer Science, 2020, , 142-154.	1.3	0
67	Computable Embeddings for Pairs of Linear Orders. Algebra and Logic, 2021, 60, 163.	0.3	0
68	On the effective universality of mereological theories. Mathematical Logic Quarterly, 2022, 68, 48-66.	0.2	0
69	Rogers semilattices of limitwise monotonic numberings. Mathematical Logic Quarterly, 0, , .	0.2	0