

Douglas Cenzer

List of Publications by Year in descending order

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51
papers

450
citations

840776

11
h-index

839539

18
g-index

55
all docs

55
docs citations

55
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	Densely computable structures. <i>Journal of Logic and Computation</i> , 2022, 32, 581-607.	0.8	2
2	Complexity and Categoricity of Injection Structures Induced by Finite State Transducers. <i>Lecture Notes in Computer Science</i> , 2021, , 106-119.	1.3	1
3	Effective Categoricity of Automatic Equivalence and Nested Equivalence Structures. <i>Theory of Computing Systems</i> , 2020, 64, 1110-1139.	1.1	3
4	Logic Programming and Effectively Closed Sets. , 2020, , 197-283.		1
5	The Random Members of a $\hat{1} 0 \{\Pi\}_1^0$ Class. <i>Theory of Computing Systems</i> , 2018, 62, 1637-1671.	1.1	1
6	Online Computability and Differentiation in the Cantor Space. <i>Lecture Notes in Computer Science</i> , 2018, , 136-145.	1.3	2
7	Computability and categoricity of weakly ultrahomogeneous structures. <i>Computability</i> , 2017, 6, 365-389.	0.3	0
8	Injection Structures Specified by Finite State Transducers. <i>Lecture Notes in Computer Science</i> , 2017, , 394-417.	1.3	3
9	Index Sets for Finite Normal Predicate Logic Programs with Function Symbols. <i>Lecture Notes in Computer Science</i> , 2016, , 60-75.	1.3	1
10	Algorithmically Random Functions and Effective Capacities. <i>Lecture Notes in Computer Science</i> , 2015, , 23-37.	1.3	3
11	Effective Randomness of Unions and Intersections. <i>Theory of Computing Systems</i> , 2013, 52, 48-64.	1.1	2
12	Sub-computable Bounded Pseudorandomness. <i>Lecture Notes in Computer Science</i> , 2013, , 104-118.	1.3	2
13	George Barmpalias, Andrew E. M. Lewis and Kong Meng Ng. The importance of $\hat{1}^0$ classes in effective randomness. <i>The Journal of Symbolic Logic</i>, vol. 75 (2010), pp. 387-400. - George Barmpalias, Andrew E. M. Lewis and Frank Stephan. $\hat{1}^0$ classes, LR degrees and Turing degrees. <i>Annals of Pure and Applied Logic</i>, vol. 156 (2008), pp. 21-38. - Antonin KuÅera. Measure, $\hat{1}^0$ classes and complete extensions of PA. <i>Recursion Theo. Bulletin of Symbolic Logic</i>, 2012, 18, 409-412.	0.2	0
14	Computability of Countable Subshifts in One Dimension. <i>Theory of Computing Systems</i> , 2012, 51, 352-371.	1.1	11
15	A connection between the Cantor-Bendixson derivative and the well-founded semantics of finite logic programs. <i>Annals of Mathematics and Artificial Intelligence</i> , 2012, 65, 1-24.	1.3	12
16	A superhigh diamond in the c.e. tt-degrees. <i>Archive for Mathematical Logic</i> , 2011, 50, 33-44.	0.3	1
17	$\langle \mathbb{N} \rangle$	0.5	11
18	Algorithmic Randomness and Capacity of Closed Sets. <i>Logical Methods in Computer Science</i> , 2011, 7, .	0.4	0

#	ARTICLE	IF	CITATIONS
19	Computability of Countable Subshifts. Lecture Notes in Computer Science, 2010, , 88-97.	1.3	5
20	Equivalence structures and isomorphisms in the difference hierarchy. Journal of Symbolic Logic, 2009, 74, 535-556.	0.5	9
21	Pseudojumps and Formula Classes. Journal of Logic and Computation, 2009, 19, 77-87.	0.8	2
22	K-Triviality of Closed Sets and Continuous Functions. Journal of Logic and Computation, 2009, 19, 3-16.	0.8	6
23	Linear orders with distinguished function symbol. Archive for Mathematical Logic, 2009, 48, 63-76.	0.3	1
24	Space complexity of Abelian groups. Archive for Mathematical Logic, 2009, 48, 115-140.	0.3	13
25	Immunity and Non-Cupping for Closed Sets. Tbilisi Mathematical Journal, 2009, 2, .	0.3	6
26	Degrees of difficulty of generalized r.e. separating classes. Archive for Mathematical Logic, 2008, 46, 629-647.	0.3	12
27	Algorithmic randomness of continuous functions. Archive for Mathematical Logic, 2008, 46, 533-546.	0.3	10
28	Effectively closed sets and enumerations. Archive for Mathematical Logic, 2008, 46, 565-582.	0.3	7
29	Computable symbolic dynamics. Mathematical Logic Quarterly, 2008, 54, 460-469.	0.2	13
30	Algorithmic Randomness of Closed Sets. Journal of Logic and Computation, 2007, 17, 1041-1062.	0.8	26
31	Effective categoricity of equivalence structures. Annals of Pure and Applied Logic, 2006, 141, 61-78.	0.5	48
32	On the complexity of inductive definitions. Mathematical Structures in Computer Science, 2006, 16, 763.	0.6	0
33	Complexity, decidability and completeness. Journal of Symbolic Logic, 2006, 71, 399-424.	0.5	2
34	Minimal extensions of Σ_1^1 classes. Mathematical Logic Quarterly, 2005, 51, 206-216.	0.2	1
35	Logic programming with infinite sets. Annals of Mathematics and Artificial Intelligence, 2005, 44, 309-339.	1.3	3
36	Locally Determined Logic Programs and Recursive Stable Models. Annals of Mathematics and Artificial Intelligence, 2004, 40, 225-262.	1.3	2

#	ARTICLE	IF	CITATIONS
37	Index sets for computable differential equations. <i>Mathematical Logic Quarterly</i> , 2004, 50, 329-344.	0.2	7
38	Density of the Medvedev lattice of Σ^0_1 classes. <i>Archive for Mathematical Logic</i> , 2003, 42, 583-600.	0.3	23
39	Global properties of the lattice of Σ^0_1 classes. <i>Proceedings of the American Mathematical Society</i> , 2003, 132, 239-249.	0.8	3
40	Initial segments of the lattice of Σ^0_1 classes. <i>Journal of Symbolic Logic</i> , 2001, 66, 1749-1765. <mml:math altimg="si1.gif" 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="http://www.elsevier.com/x	0.5	5
41	Complexity and Categoricity. <i>Information and Computation</i> , 1998, 140, 2-25.	0.1	29
42	Complexity and Categoricity. <i>Information and Computation</i> , 1998, 140, 2-25.	0.7	8
43	Index sets for Σ^0_1 classes. <i>Annals of Pure and Applied Logic</i> , 1998, 93, 3-61.	0.5	23
44	Feasible Graphs and Colorings. <i>Mathematical Logic Quarterly</i> , 1995, 41, 327-352.	0.2	12
45	Countable thin Σ^0_1 classes. <i>Annals of Pure and Applied Logic</i> , 1993, 59, 79-139.	0.5	20
46	Effective Real Dynamics. , 1993, , 162-177.		5
47	On the ranked points of a Σ^0_1 set. <i>Journal of Symbolic Logic</i> , 1989, 54, 975-991.	0.5	10
48	Members of countable Σ^0_1 classes. <i>Annals of Pure and Applied Logic</i> , 1986, 31, 145-163.	0.5	29
49	On the Borel class of the derived set operator. II. <i>Bulletin De La Societe Mathematique De France</i> , 1983, 79, 367-372.	0.2	9
50	On the Borel class of the derived set operator. <i>Bulletin De La Societe Mathematique De France</i> , 1982, 79, 357-380.	0.2	10
51	The stability problem for transformations of the circle. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 1979, 84, 279-281.	1.2	16