

# Douglas Cenzer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5281650/publications.pdf>

Version: 2024-02-01

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	Effective categoricity of equivalence structures. <i>Annals of Pure and Applied Logic</i> , 2006, 141, 61-78.	0.5	48
2	Members of countable $\aleph_1$ classes. <i>Annals of Pure and Applied Logic</i> , 1986, 31, 145-163.	0.5	29
3	$\aleph_1$ classes. <i>Annals of Pure and Applied Logic</i> , 1986, 31, 145-163. &lt;math display=	0.1	29
4	Algorithmic Randomness of Closed Sets. <i>Journal of Logic and Computation</i> , 2007, 17, 1041-1062.	0.8	26
5	Index sets for $\aleph_1$ classes. <i>Annals of Pure and Applied Logic</i> , 1998, 93, 3-61.	0.5	23
6	Density of the Medvedev lattice of $\aleph_1$ classes. <i>Archive for Mathematical Logic</i> , 2003, 42, 583-600.	0.3	23
7	Countable thin $\aleph_1$ classes. <i>Annals of Pure and Applied Logic</i> , 1993, 59, 79-139.	0.5	20
8	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
9	Computable symbolic dynamics. <i>Mathematical Logic Quarterly</i> , 2008, 54, 460-469.	0.2	13
10	Space complexity of Abelian groups. <i>Archive for Mathematical Logic</i> , 2009, 48, 115-140.	0.3	13
11	Feasible Graphs and Colorings. <i>Mathematical Logic Quarterly</i> , 1995, 41, 327-352.	0.2	12
12	Degrees of difficulty of generalized r.e. separating classes. <i>Archive for Mathematical Logic</i> , 2008, 46, 629-647.	0.3	12
13	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
14	Computability of Countable Subshifts in One Dimension. <i>Theory of Computing Systems</i> , 2012, 51, 352-371.	0.5	11
15	Computability of Countable Subshifts in One Dimension. <i>Theory of Computing Systems</i> , 2012, 51, 352-371.	1.1	11
16	On the ranked points of a $\aleph_1$ set. <i>Journal of Symbolic Logic</i> , 1989, 54, 975-991.	0.5	10
17	Algorithmic randomness of continuous functions. <i>Archive for Mathematical Logic</i> , 2008, 46, 533-546.	0.3	10
18	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

#	ARTICLE	IF	CITATIONS
19	Equivalence structures and isomorphisms in the difference hierarchy. <i>Journal of Symbolic Logic</i> , 2009, 74, 535-556.	0.5	9
20	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
21	Complexity and Categoricity. <i>Information and Computation</i> , 1998, 140, 2-25.	0.7	8
22	Index sets for computable differential equations. <i>Mathematical Logic Quarterly</i> , 2004, 50, 329-344.	0.2	7
23	Effectively closed sets and enumerations. <i>Archive for Mathematical Logic</i> , 2008, 46, 565-582.	0.3	7
24	K-Triviality of Closed Sets and Continuous Functions. <i>Journal of Logic and Computation</i> , 2009, 19, 3-16.	0.8	6
25	Immunity and Non-Cupping for Closed Sets. <i>Tbilisi Mathematical Journal</i> , 2009, 2, .	0.3	6
26	Initial segments of the lattice of $\hat{\Pi}_0^1$ classes. <i>Journal of Symbolic Logic</i> , 2001, 66, 1749-1765.	0.5	5
27	Effective Real Dynamics. , 1993, , 162-177.		5
28	Computability of Countable Subshifts. <i>Lecture Notes in Computer Science</i> , 2010, , 88-97.	1.3	5
29	Global properties of the lattice of $\Pi^0_1$ classes. <i>Proceedings of the American Mathematical Society</i> , 2003, 132, 239-249.	0.8	3
30	Logic programming with infinite sets. <i>Annals of Mathematics and Artificial Intelligence</i> , 2005, 44, 309-339.	1.3	3
31	Effective Categoricity of Automatic Equivalence and Nested Equivalence Structures. <i>Theory of Computing Systems</i> , 2020, 64, 1110-1139.	1.1	3
32	Algorithmically Random Functions and Effective Capacities. <i>Lecture Notes in Computer Science</i> , 2015, , 23-37.	1.3	3
33	Injection Structures Specified by Finite State Transducers. <i>Lecture Notes in Computer Science</i> , 2017, , 394-417.	1.3	3
34	Locally Determined Logic Programs and Recursive Stable Models. <i>Annals of Mathematics and Artificial Intelligence</i> , 2004, 40, 225-262.	1.3	2
35	Complexity, decidability and completeness. <i>Journal of Symbolic Logic</i> , 2006, 71, 399-424.	0.5	2
36	Pseudojumps and Formula Classes. <i>Journal of Logic and Computation</i> , 2009, 19, 77-87.	0.8	2

#	ARTICLE	IF	CITATIONS
37	Effective Randomness of Unions and Intersections. <i>Theory of Computing Systems</i> , 2013, 52, 48-64.	1.1	2
38	Online Computability and Differentiation in the Cantor Space. <i>Lecture Notes in Computer Science</i> , 2018, , 136-145.	1.3	2
39	Densely computable structures. <i>Journal of Logic and Computation</i> , 2022, 32, 581-607.	0.8	2
40	Sub-computable Bounded Pseudorandomness. <i>Lecture Notes in Computer Science</i> , 2013, , 104-118.	1.3	2
41	Minimal extensions of $\Sigma_1$ classes. <i>Mathematical Logic Quarterly</i> , 2005, 51, 206-216.	0.2	1
42	Linear orders with distinguished function symbol. <i>Archive for Mathematical Logic</i> , 2009, 48, 63-76.	0.3	1
43	A superhigh diamond in the c.e. $\Sigma_1$ -degrees. <i>Archive for Mathematical Logic</i> , 2011, 50, 33-44.	0.3	1
44	The Random Members of a $\Sigma_1$ Class. <i>Theory of Computing Systems</i> , 2018, 62, 1637-1671.	1.1	1
45	Complexity and Categoricity of Injection Structures Induced by Finite State Transducers. <i>Lecture Notes in Computer Science</i> , 2021, , 106-119.	1.3	1
46	Logic Programming and Effectively Closed Sets. , 2020, , 197-283.		1
47	Index Sets for Finite Normal Predicate Logic Programs with Function Symbols. <i>Lecture Notes in Computer Science</i> , 2016, , 60-75.	1.3	1
48	On the complexity of inductive definitions. <i>Mathematical Structures in Computer Science</i> , 2006, 16, 763.	0.6	0
49	<a href="#">George Barmpalias, Andrew E. M. Lewis and Kong Meng Ng. The importance of <math>\Sigma_1</math> classes in effective randomness. <i>The Journal of Symbolic Logic</i>, vol. 75 (2010), pp. 387–400.</a> - <a href="#">George Barmpalias, Andrew E. M. Lewis and Frank Stephan. <math>\Sigma_1</math> classes, LR degrees and Turing degrees. <i>Annals of Pure and Applied Logic</i>, vol. 156 (2008), pp. 21–38.</a> - <a href="#">Antonin Kuřera. Measure, <math>\Sigma_1</math> classes and complete extensions of PA. <i>Recursion Theo. Bulletin of Symbolic Logic</i>, 2012, 18, 409-412.</a>	0.2	0
50	Computability and categoricity of weakly ultrahomogeneous structures. <i>Computability</i> , 2017, 6, 365-389.	0.3	0
51	Algorithmic Randomness and Capacity of Closed Sets. <i>Logical Methods in Computer Science</i> , 2011, 7, .	0.4	0