

Russell Miller

List of Publications by Year in descending order

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40
papers

516
citations

840585

11
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677027

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41
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41
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41
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	On existential definitions of c.e. subsets of rings of functions of characteristic 0. <i>Annals of Pure and Applied Logic</i> , 2022, 173, 103076.	0.3	0
2	Model completeness and relative decidability. <i>Archive for Mathematical Logic</i> , 2021, 60, 721-735.	0.2	1
3	A Note on Computable Distinguishing Colorings. <i>Lobachevskii Journal of Mathematics</i> , 2021, 42, 693-700.	0.1	0
4	Computable Procedures for Fields. <i>Lecture Notes in Computer Science</i> , 2021, , 342-352.	1.0	0
5	On Decidable Categoricity and Almost Prime Models. <i>Siberian Advances in Mathematics</i> , 2020, 30, 200-212.	0.2	3
6	Degree spectra of real closed fields. <i>Archive for Mathematical Logic</i> , 2019, 58, 387-411.	0.2	2
7	Turing Degrees of Complete Formulas of Almost Prime Models. <i>Algebra and Logic</i> , 2019, 58, 282-287.	0.4	2
8	The Hilbert's-Tenth-Problem Operator. <i>Israel Journal of Mathematics</i> , 2019, 230, 693-713.	0.4	2
9	Isomorphism and classification for countable structures. <i>Computability</i> , 2019, 8, 99-117.	0.3	6
10	A COMPUTABLE FUNCTOR FROM GRAPHS TO FIELDS. <i>Journal of Symbolic Logic</i> , 2018, 83, 326-348.	0.4	24
11	BOREL FUNCTORS AND INFINITARY INTERPRETATIONS. <i>Journal of Symbolic Logic</i> , 2018, 83, 1434-1456.	0.4	6
12	TURING DEGREE SPECTRA OF DIFFERENTIALLY CLOSED FIELDS. <i>Journal of Symbolic Logic</i> , 2017, 82, 1-25.	0.4	18
13	MEASURE THEORY AND HILBERT'S TENTH PROBLEM INSIDE $\hat{\mathbb{Q}}$. <i>Lecture Notes Series, Institute for Mathematical Sciences</i> , 2017, , 253-269.	0.2	2
14	COMPUTABLE FUNCTORS AND EFFECTIVE INTERPRETABILITY. <i>Journal of Symbolic Logic</i> , 2017, 82, 77-97.	0.4	31
15	As easy as \mathbb{Q} : Hilbert's Tenth Problem for subrings of the rationals and number fields. <i>Transactions of the American Mathematical Society</i> , 2017, 369, 8291-8315.	0.5	3
16	On Computable Field Embeddings and Difference Closed Fields. <i>Canadian Journal of Mathematics</i> , 2017, 69, 1338-1363.	0.3	2
17	Revisiting Uniform Computable Categoricity: For the Sixtieth Birthday of Prof. Rod Downey. <i>Lecture Notes in Computer Science</i> , 2017, , 254-270.	1.0	3
18	FINITARY REDUCIBILITY ON EQUIVALENCE RELATIONS. <i>Journal of Symbolic Logic</i> , 2016, 81, 1225-1254.	0.4	6

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19	Baire Category Theory and Hilbert's Tenth Problem Inside \mathbb{Q} . Lecture Notes in Computer Science, 2016, , 343-352.	1.0	2
20	COMPLEXITY OF EQUIVALENCE RELATIONS AND PREORDERS FROM COMPUTABILITY THEORY. Journal of Symbolic Logic, 2014, 79, 859-881.	0.4	14
21	Computing constraint sets for differential fields. Journal of Algebra, 2014, 407, 316-357.	0.4	4
22	Classes of structures with universe a subset of \mathbb{N} . Journal of Logic and Computation, 2013, 23, 1249-1265.	0.5	2
23	Approximating functions and measuring distance on a graph. , 2013, , .		0
24	The Hierarchy of Equivalence Relations on the Natural Numbers Under Computable Reducibility. Computability, 2012, 1, 15-38.	0.3	24
25	Low ₅ Boolean Subalgebras and Computable Copies. Journal of Symbolic Logic, 2011, 76, 1061-1074.	0.4	1
26	Computability of Fraïssé limits. Journal of Symbolic Logic, 2011, 76, 66-93.	0.4	10
27	An introduction to computable model theory on groups and fields. Groups, Complexity, Cryptology, 2011, 3, .	0.3	6
28	Degrees of categoricity of computable structures. Archive for Mathematical Logic, 2010, 49, 51-67.	0.2	73
29	The basic theory of infinite time register machines. Archive for Mathematical Logic, 2010, 49, 249-273.	0.2	22
30	Simple structures with complex symmetry. Algebra and Logic, 2010, 49, 68-90.	0.4	5
31	Is it harder to factor a polynomial or to find a root?. Transactions of the American Mathematical Society, 2010, 362, 5261-5261.	0.5	11
32	Δ^1_1 -computable categoricity for algebraic fields. Journal of Symbolic Logic, 2009, 74, 1325-1351.	0.4	41
33	An Enhanced Theory of Infinite Time Register Machines. , 2008, , 306-315.		19
34	The Complexity of Quickly ORM-Decidable Sets. Lecture Notes in Computer Science, 2007, , 488-496.	1.0	3
35	Enumerations in computable structure theory. Annals of Pure and Applied Logic, 2005, 136, 219-246.	0.3	91
36	Computable categoricity of trees of finite height. Journal of Symbolic Logic, 2005, 70, 151-215.	0.4	40

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37	The computable dimension of trees of infinite height. <i>Journal of Symbolic Logic</i> , 2005, 70, 111-141.	0.4	14
38	The ω -spectrum of a linear order. <i>Journal of Symbolic Logic</i> , 2001, 66, 470-486.	0.4	23
39	Infinite time Turing machines and an application to the hierarchy of equivalence relations on the reals. <i>Journal of Symbolic Logic</i> , 0, , 33-49.		0
40	HTP-Complete Rings of Rational Numbers. <i>Journal of Symbolic Logic</i> , 0, , 1-29.	0.4	0