Joel David Hamkins

List of Publications by Year
in descending order

78 papers	1,483 citations	393982 19 h-index	377514 34 g-index
79 all docs	79 docs citations	79 times ranked	228 citing authors

#	Article	IF	Citations
1	THE MODAL LOGIC OF SET-THEORETIC POTENTIALISM AND THE POTENTIALIST MAXIMALITY PRINCIPLES. Review of Symbolic Logic, 2022, 15, 1-35.	0.7	11
2	THE $Σ_1$-DEFINABLE UNIVERSAL FINITE SEQUENCE. Journal of Symbolic Logic, 2022, 87, 783-801.	0.4	2
3	BI-INTERPRETATION IN WEAK SET THEORIES. Journal of Symbolic Logic, 2021, 86, 609-634.	0.4	4
4	Inner-Model Reflection Principles. Studia Logica, 2020, 108, 573-595.	0.4	3
5	THE EXACT STRENGTH OF THE CLASS FORCING THEOREM. Journal of Symbolic Logic, 2020, 85, 869-905.	0.4	9
6	A model of the generic Vopěnka principle in which the ordinals are not Mahlo. Archive for Mathematical Logic, 2019, 58, 245-265.	0.2	6
7	THE IMPLICITLY CONSTRUCTIBLE UNIVERSE. Journal of Symbolic Logic, 2019, 84, 1403-1421.	0.4	3
8	Set-theoretic blockchains. Archive for Mathematical Logic, 2019, 58, 965-997.	0.2	5
9	When does every definable nonempty set have a definable element?. Mathematical Logic Quarterly, 2019, 65, 407-411.	0.2	1
10	Ehrenfeucht's Lemma in Set Theory. Notre Dame Journal of Formal Logic, 2018, 59, .	0.2	7
11	ZFC PROVES THAT THE CLASS OF ORDINALS IS NOT WEAKLY COMPACT FOR DEFINABLE CLASSES. Journal of Symbolic Logic, 2018, 83, 146-164.	0.4	4
12	Computable Quotient Presentations of Models of Arithmetic and Set Theory. Lecture Notes in Computer Science, 2017, , 140-152.	1.0	1
13	Incomparable $ω_1$-like models of set theory. Mathematical Logic Quarterly, 2017, 63, 66-76.	0.2	0
14	Strongly uplifting cardinals and the boldface resurrection axioms. Archive for Mathematical Logic, 2017, 56, 1115-1133.	0.2	4
15	What is the theory without power set?. Mathematical Logic Quarterly, 2016, 62, 391-406.	0.2	28
16	Superstrong and other large cardinals are never Laver indestructible. Archive for Mathematical Logic, 2016, 55, 19-35.	0.2	6
17	Algebraicity and Implicit Definability in Set Theory. Notre Dame Journal of Formal Logic, 2016, 57, .	0.2	9
18	Is the Dream Solution of the Continuum Hypothesis Attainable?. Notre Dame Journal of Formal Logic, 2015, 56, .	0.2	12

#	Article	IF	Citations
19	Set-theoretic geology. Annals of Pure and Applied Logic, 2015, 166, 464-501.	0.3	36
20	The least weakly compact cardinal can be unfoldable, weakly measurable and nearly $$\{heta\}$$ Î¸-supercompact. Archive for Mathematical Logic, 2015, 54, 491-510.	0.2	3
21	Structural connections between a forcing class and its modal logic. Israel Journal of Mathematics, 2015, 207, 617-651.	0.4	10
22	Large cardinals need not be large in HOD. Annals of Pure and Applied Logic, 2015, 166, 1186-1198.	0.3	8
23	Resurrection axioms and uplifting cardinals. Archive for Mathematical Logic, 2014, 53, 463-485.	0.2	16
24	A MULTIVERSE PERSPECTIVE ON THE AXIOM OF CONSTRUCTIBILITY. Lecture Notes Series, Institute for Mathematical Sciences, 2014, , 25-45.	0.2	11
25	Pointwise definable models of set theory. Journal of Symbolic Logic, 2013, 78, 139-156.	0.4	9
26	EVERY COUNTABLE MODEL OF SET THEORY EMBEDS INTO ITS OWN CONSTRUCTIBLE UNIVERSE. Journal of Mathematical Logic, 2013, 13, 1350006.	0.6	8
27	Moving Up and Down in the Generic Multiverse. Lecture Notes in Computer Science, 2013, , 139-147.	1.0	5
28	The rigid relation principle, a new weak choice principle. Mathematical Logic Quarterly, 2012, 58, 394-398.	0.2	0
29	The Hierarchy of Equivalence Relations on the Natural Numbers Under Computable Reducibility. Computability, 2012, 1, 15-38.	0.3	24
30	THE SET-THEORETIC MULTIVERSE. Review of Symbolic Logic, 2012, 5, 416-449.	0.7	123
31	Generalizations of the Kunen inconsistency. Annals of Pure and Applied Logic, 2012, 163, 1872-1890.	0.3	15
32	Inner models with large cardinal features usually obtained by forcing. Archive for Mathematical Logic, 2012, 51, 257-283.	0.2	6
33	The Mate-in-n Problem of Infinite Chess Is Decidable. Lecture Notes in Computer Science, 2012, , 78-88.	1.0	0
34	Infinite Time Decidable Equivalence Relation Theory. Notre Dame Journal of Formal Logic, 2011, 52, .	0.2	9
35	The Set-theoretic Multiverse : A Natural Context for Set Theory(<Special Section>Mathematical Logic) Tj ETQq1 1 0.784314 rgBT /Overl 0.2 6		
36	A Natural Model of the Multiverse Axioms. Notre Dame Journal of Formal Logic, 2010, 51, .	0.2	15

#	ARTICLE	IF	CITATIONS
37	Indestructible Strong Unfoldability. Notre Dame Journal of Formal Logic, 2010, 51, .	0.2	10
38	Degrees of rigidity for Souslin trees. Journal of Symbolic Logic, 2009, 74, 423-454.	0.4	9
39	Tall cardinals. Mathematical Logic Quarterly, 2009, 55, 68-86.	0.2	17
40	Postâ€™s Problem for ordinal register machines: An explicit approach. Annals of Pure and Applied Logic, 2009, 160, 302-309.	0.3	5
41	The modal logic of forcing. Transactions of the American Mathematical Society, 2008, 360, 1793-1817.	0.5	44
42	Changing the heights of automorphism towers by forcing with Souslin trees over L. Journal of Symbolic Logic, 2008, 73, 614-633.	0.4	1
43	The ground axiom is consistent with V $eq $ HOD. Proceedings of the American Mathematical Society, 2008, 136, 2943-2949.	0.4	14
44	The proper and semi-proper forcing axioms for forcing notions that preserve $aleph _2$ or $aleph _3$. Proceedings of the American Mathematical Society, 2008, 137, 1823-1833.	0.4	4
45	Infinite Time Computable Model Theory. , 2008, , 521-557.		8
46	Some Second Order Set Theory. Lecture Notes in Computer Science, 2008, , 36-50.	1.0	6
47	Large cardinals with few measures. Proceedings of the American Mathematical Society, 2007, 135, 2291-2301.	0.4	14
48	A Survey of Infinite Time Turing Machines. Lecture Notes in Computer Science, 2007, , 62-71.	1.0	3
49	The Halting Problem Is Decidable on a Set of Asymptotic Probability One. Notre Dame Journal of Formal Logic, 2006, 47, 515.	0.2	28
50	Diamond (on the regulars) can fail at any strongly unfoldable cardinal. Annals of Pure and Applied Logic, 2006, 144, 83-95.	0.3	17
51	Infinitary Computability with Infinite Time Turing Machines. Lecture Notes in Computer Science, 2005, , 180-187.	1.0	4
52	P â‰ NP â^© co-NP for Infinite Time Turing Machines. Journal of Logic and Computation, 2005, 15, 577-592.	0.5	24
53	Pf â‰ NPf for almost all f. Mathematical Logic Quarterly, 2003, 49, 536-540.	0.2	15
54	A simple maximality principle. Journal of Symbolic Logic, 2003, 68, 527-550.	0.4	75

#	ARTICLE	IF	CITATIONS
55	Exactly controlling the non-supercompact strongly compact cardinals. Journal of Symbolic Logic, 2003, 68, 669-688.	0.4	12
56	Extensions with the approximation and cover properties have no new large cardinals. Fundamenta Mathematicae, 2003, 180, 257-277.	0.2	69
57	Indestructibility and the level-by-level agreement between strong compactness and supercompactness. Journal of Symbolic Logic, 2002, 67, 820-840.	0.4	26
58	Post's problem for supertasks has both positive and negative solutions. Archive for Mathematical Logic, 2002, 41, 507-523.	0.2	22
59	Infinite Time Turing Machines. Minds and Machines, 2002, 12, 521-539.	2.7	39
60	Unfoldable cardinals and the GCH. Journal of Symbolic Logic, 2001, 66, 1186-1198.	0.4	7
61	The Wholeness Axioms and V=HOD. Archive for Mathematical Logic, 2001, 40, 1-8.	0.2	8
62	Gap forcing. Israel Journal of Mathematics, 2001, 125, 237-252.	0.4	72
63	Infinite Time Turing Machines With Only One Tape. Mathematical Logic Quarterly, 2001, 47, 271-287.	0.2	24
64	Indestructible Weakly Compact Cardinals and the Necessity of Supercompactness for Certain Proof Schemata. Mathematical Logic Quarterly, 2001, 47, 563-571.	0.2	11
65	The lottery preparation. Annals of Pure and Applied Logic, 2000, 101, 103-146.	0.3	78
66	Changing the heights of automorphism towers. Annals of Pure and Applied Logic, 2000, 102, 139-157.	0.3	4
67	Small forcing creates neither strong nor Woodin cardinals. Proceedings of the American Mathematical Society, 2000, 128, 3025-3030.	0.4	43
68	Utilitarianism in Infinite Worlds. Utilitas, 2000, 12, 91-96.	0.4	7
69	Infinite time Turing machines. Journal of Symbolic Logic, 2000, 65, 567-604.	0.4	197
70	With infinite utility, more needn't be better. Australasian Journal of Philosophy, 2000, 78, 231-240.	0.5	8
71	Gap Forcing: Generalizing the LÃ©vy-Solovay Theorem. Bulletin of Symbolic Logic, 1999, 5, 264-272.	0.2	65
72	Destruction or preservation as you like it. Annals of Pure and Applied Logic, 1998, 91, 191-229.	0.3	22

#	Article	IF	Citations
73	Small forcing makes any cardinal superdestructible. Journal of Symbolic Logic, 1998, 63, 51-58.	0.4	18
74	Superdestructibility: A dual to Laver's indestructibility. Journal of Symbolic Logic, 1998, 63, 549-554.	0.4	11
75	Every group has a terminating transfinite automorphism tower. Proceedings of the American Mathematical Society, 1998, 126, 3223-3226.	0.4	9
76	Canonical seeds and Prikry trees. Journal of Symbolic Logic, 1997, 62, 373-396.	0.4	9
77	Infinite time Turing machines and an application to the hierarchy of equivalence relations on the reals. , 0, , 33-49.		0
78	Set-theoretic mereology. Logic and Logical Philosophy, 0, , .	0.3	3