

# Andreas Weiermann

## List of Publications by Year in descending order

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65  
papers

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840776

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66  
all docs

66  
docs citations

66  
times ranked

78  
citing authors



#	ARTICLE	IF	CITATIONS
19	Derivation Lengths Classification of Gödel's T Extending Howard's Assignment. Logical Methods in Computer Science, 2012, 8, .	0.4	4
20	On the lengths of bad sequences of monomial ideals over polynomial rings. Fundamenta Mathematicae, 2012, 216, 101-108.	0.5	2
21	Ordinal arithmetic with simultaneously defined theta-functions. Mathematical Logic Quarterly, 2011, 57, 116-132.	0.2	5
22	Sharp thresholds for hypergraph regressive Ramsey numbers. Journal of Combinatorial Theory - Series A, 2011, 118, 558-585.	0.8	5
23	Unprovability results involving braids. Proceedings of the London Mathematical Society, 2011, 102, 159-192.	1.3	7
24	A Miniaturisation of Ramsey's Theorem. Lecture Notes in Computer Science, 2010, , 118-125.	1.3	1
25	Phase transitions in Proof Theory. Discrete Mathematics and Theoretical Computer Science, 2010, DMTCS Proceedings vol. AM,...., .	0.1	1
26	Phase transitions for Gödel incompleteness. Annals of Pure and Applied Logic, 2009, 157, 281-296.	0.5	11
27	Classifying the phase transition threshold for Ackermannian functions. Annals of Pure and Applied Logic, 2009, 158, 156-162.	0.5	4
28	A Computation of the Maximal Order Type of the Term Ordering on Finite Multisets. Lecture Notes in Computer Science, 2009, , 488-498.	1.3	9
29	Complexity of Gödel's T in $\hat{\omega}$ -Formulation. Lecture Notes in Computer Science, 2009, , 386-400.	1.3	0
30	Sharp thresholds for the phase transition between primitive recursive and Ackermannian Ramsey numbers. Journal of Combinatorial Theory - Series A, 2008, 115, 1036-1055.	0.8	9
31	Phase Transitions for Weakly Increasing Sequences. Lecture Notes in Computer Science, 2008, , 168-174.	1.3	2
32	Phase transition thresholds for some Friedman-style independence results. Mathematical Logic Quarterly, 2007, 53, 4-18.	0.2	14
33	Mathematical Braids for Partitioning $\langle \mathbb{N} \rangle$ . Annals of Pure and Applied Logic, 2007, 147, 1-24.	0.5	4
34	Classifying the Provably Total Functions of PA. Bulletin of Symbolic Logic, 2006, 12, 177-190.	0.2	9
35	An extremely sharp phase transition threshold for the slow growing hierarchy. Mathematical Structures in Computer Science, 2006, 16, 925.	0.6	7
36	Phase Transition Thresholds for Some Natural Subclasses of the Computable Functions. Lecture Notes in Computer Science, 2006, , 556-570.	1.3	3

#	ARTICLE	IF	CITATIONS
37	Analytic combinatorics, proof-theoretic ordinals, and phase transitions for independence results. <i>Annals of Pure and Applied Logic</i> , 2005, 136, 189-218.	0.5	23
38	A classification of rapidly growing Ramsey functions. <i>Proceedings of the American Mathematical Society</i> , 2004, 132, 553-561.	0.8	24
39	An application of graphical enumeration to PA *. <i>Journal of Symbolic Logic</i> , 2003, 68, 5-16.	0.5	11
40	Slow Versus Fast Growing. <i>Synthese</i> , 2002, 133, 13-29.	1.1	3
41	Toshiyasu Arai. Consistency proof via pointwise induction. <i>Archive for mathematical logic</i> , vol. 37 no. 3 (1998), pp. 149-165. <i>Bulletin of Symbolic Logic</i> , 2002, 8, 536-537.	0.2	0
42	Some interesting connections between the slow growing hierarchy and the Ackermann function. <i>Journal of Symbolic Logic</i> , 2001, 66, 609-628.	0.5	6
43	Characterizing the elementary recursive functions by a fragment of Gödel's T. <i>Archive for Mathematical Logic</i> , 2000, 39, 475-491.	0.3	10
44	Title is missing!. <i>Studia Logica</i> , 1999, 62, 399-427.	0.6	0
45	Bounding derivation lengths with functions from the slow growing hierarchy. <i>Archive for Mathematical Logic</i> , 1998, 37, 427-441.	0.3	5
46	How is it that infinitary methods can be applied to finitary mathematics? Gödel's T: a case study. <i>Journal of Symbolic Logic</i> , 1998, 63, 1348-1370.	0.5	11
47	A proof of strongly uniform termination for Gödel's T by methods from local predicativity. <i>Archive for Mathematical Logic</i> , 1997, 36, 445-460.	0.3	10
48	Sometimes slow growing is fast growing. <i>Annals of Pure and Applied Logic</i> , 1997, 90, 91-99.	0.5	5
49	A term rewriting characterization of the polytime functions and related complexity classes. <i>Archive for Mathematical Logic</i> , 1996, 36, 11-30.	0.3	16
50	How to characterize provably total functions by local predicativity. <i>Journal of Symbolic Logic</i> , 1996, 61, 52-69.	0.5	21
51	How to characterize provably total functions by the Buchholz operator method. <i>Lecture Notes in Logic</i> , 1996, , 205-213.	0.1	6
52	Termination proofs for term rewriting systems by lexicographic path orderings imply multiply recursive derivation lengths. <i>Theoretical Computer Science</i> , 1995, 139, 355-362.	0.9	49
53	Investigations on slow versus fast growing: How to majorize slow growing functions nontrivially by fast growing ones. <i>Archive for Mathematical Logic</i> , 1995, 34, 313-330.	0.3	9
54	Investigations on slow versus fast growing: How to majorize slow growing functions nontrivially by fast growing ones. <i>Archive for Mathematical Logic</i> , 1995, 34, 313-330.	0.3	0

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55	A Uniform Approach to Fundamental Sequences and Hierarchies. <i>Mathematical Logic Quarterly</i> , 1994, 40, 273-286.	0.2	67
56	Complexity Bounds for Some Finite Forms of Kruskal's Theorem. <i>Journal of Symbolic Computation</i> , 1994, 18, 463-488.	0.8	21
57	A simplified functorial construction of the veblen hierarchy. <i>Mathematical Logic Quarterly</i> , 1993, 39, 269-273.	0.2	2
58	An order-theoretic characterization of the Schütte-Veblen-Hierarchy. <i>Mathematical Logic Quarterly</i> , 1993, 39, 367-383.	0.2	3
59	Proof-theoretic investigations on Kruskal's theorem. <i>Annals of Pure and Applied Logic</i> , 1993, 60, 49-88.	0.5	92
60	Bounds for the closure ordinals of essentially monotonic increasing functions. <i>Journal of Symbolic Logic</i> , 1993, 58, 664-671.	0.5	2
61	Vereinfachte Kollabierungsfunktionen und ihre Anwendungen. <i>Archive for Mathematical Logic</i> , 1991, 31, 85-94.	0.3	5
62	Proving termination for term rewriting systems. , 1991, , 419-428.		12
63	Analytic combinatorics of the transfinite: A unifying Tauberian perspective. , 0, , 238-267.		1
64	How to characterize provably total functions. , 0, , 205-213.		1
65	A very slow growing hierarchy for. , 0, , 182-199.		2