Thomas Powell

List of Publications by Year
in descending order

21 papers	70 citations	1937685 4 h-index	1720034 7 g-index
21 all docs	21 docs citations	21 times ranked	16 citing authors

#	Article	IF	Citations
1	The equivalence of bar recursion and open recursion. Annals of Pure and Applied Logic, 2014, 165, 1727-1754.	0.5	13
2	On Spector's bar recursion. Mathematical Logic Quarterly, 2012, 58, 356-265.	0.2	10
3	A constructive interpretation of Ramsey's theorem via the product of selection functions. Mathematical Structures in Computer Science, 2015, 25, 1755-1778.	0.6	8
4	An Algorithmic Approach to the Existence of Ideal Objects in Commutative Algebra. Lecture Notes in Computer Science, 2019, , 533-549.	1.3	5
5	GÃ¶del's functional interpretation and the concept of learning. , 2016, , .		4
6	A universal algorithm for Krull's theorem. Information and Computation, 2021, , 104761.	0.7	4
7	Bar recursion over finite partial functions. Annals of Pure and Applied Logic, 2017, 168, 887-921.	0.5	3
8	A new metastable convergence criterion and an application in the theory of uniformly convex Banach spaces. Journal of Mathematical Analysis and Applications, 2019, 478, 790-805.	1.0	3
9	Rates of convergence for iterative solutions of equations involving set-valued accretive operators. Computers and Mathematics With Applications, 2020, 80, 490-503.	2.7	3
10	A Game-Theoretic Computational Interpretation of Proofs in Classical Analysis. , 2015, , 501-531.		3
11	Applying GÃ¶del's Dialectica Interpretation to Obtain a Constructive Proof of Higman's Lemma. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 97, 49-62.	0.8	3
12	A functional interpretation with state. , 2018, , .		2
13	Parametrized bar recursion: a unifying framework for realizability interpretations of classical dependent choice. Journal of Logic and Computation, 2019, 29, 519-554.	0.8	2
14	A note on the finitization of Abelian and Tauberian theorems. Mathematical Logic Quarterly, 2020, 66, 300-310.	0.2	2
15	On the computational content of Zorn's lemma. , 2020, , .		2
16	A proof-theoretic study of abstract termination principles. Journal of Logic and Computation, 2019, 29, 1345-1366.	0.8	1
17	Well Quasi-orders and the Functional Interpretation. Trends in Logic, 2020, , 221-269.	0.2	1
18	On the Computational Content of Termination Proofs. Lecture Notes in Computer Science, 2015, , 276-285.	1.3	1

#	Article	IF	Citations
19	Dependent choice as a termination principle. Archive for Mathematical Logic, 2020, 59, 503-516.	0.3	0
20	Computational Interpretations of Classical Reasoning: From the Epsilon Calculus to Stateful Programs. Synthese Library, 2019, , 255-290.	0.2	0
21	Rates of Convergence for Asymptotically Weakly Contractive Mappings in Normed Spaces. Numerical Functional Analysis and Optimization, 2021, 42, 1802-1838.	1.4	0