

James Brotherston

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Automatically Verifying Temporal Properties of Pointer Programs with Cyclic Proof. Journal of Automated Reasoning, 2020, 64, 555-578.	1.4	7
2	Automatic cyclic termination proofs for recursive procedures in separation logic. , 2017, , .		24
3	Automatically Verifying Temporal Properties of Pointer Programs with Cyclic Proof. Lecture Notes in Computer Science, 2017, , 491-508.	1.3	13
4	Model checking for symbolic-heap separation logic with inductive predicates. ACM SIGPLAN Notices, 2016, 51, 84-96.	0.2	4
5	Cyclic Abduction of Inductively Defined Safety and Termination Preconditions. Lecture Notes in Computer Science, 2014, , 68-84.	1.3	14
6	Bunched Logics Displayed. Studia Logica, 2012, 100, 1223-1254.	0.6	19
7	A Generic Cyclic Theorem Prover. Lecture Notes in Computer Science, 2012, , 350-367.	1.3	63
8	A Unified Display Proof Theory for Bunched Logic. Electronic Notes in Theoretical Computer Science, 2010, 265, 197-211.	0.9	15
9	Classical BI. ACM SIGPLAN Notices, 2009, 44, 328-339.	0.2	5
10	Cyclic proofs of program termination in separation logic. ACM SIGPLAN Notices, 2008, 43, 101-112.	0.2	13
11	Formalised Inductive Reasoning in the Logic of Bunched Implications. Lecture Notes in Computer Science, 2007, , 87-103.	1.3	23
12	A formalised first-order confluence proof for the $\hat{\lambda}$ -calculus using one-sorted variable names. Information and Computation, 2003, 183, 212-244.	0.7	18
13	The Mechanisation of Barendregt-Style Equational Proofs (the Residual Perspective). Electronic Notes in Theoretical Computer Science, 2001, 58, 18-36.	0.9	4