Andrei Voronkov

List of Publications by Year
in descending order

28 papers	665 citations	840585 11 h-index	642610 23 g-index
30 all docs	30 docs citations	30 times ranked	241 citing authors

#	Article	IF	Citations
1	Testing a Saturation-Based Theorem Prover: Experiences and Challenges. Lecture Notes in Computer Science, 2017, , 152-161.	1.0	2
2	Cooperating Proof Attempts. Lecture Notes in Computer Science, 2015, , 339-355.	1.0	5
3	Playing with AVATAR. Lecture Notes in Computer Science, 2015, , 399-415.	1.0	21
4	Extensional Crisis and Proving Identity. Lecture Notes in Computer Science, 2014, , 185-200.	1.0	7
5	ExperimentingÂwithÂSATÂSolversÂinÂVampire. Lecture Notes in Computer Science, 2014, , 431-442.	1.0	3
6	First-Order Theorem Proving and Vampire. Lecture Notes in Computer Science, 2013, , 1-35.	1.0	229
7	The 481 Ways to Split a Clause and Deal with Propositional Variables. Lecture Notes in Computer Science, 2013, , 450-464.	1.0	8
8	Translating regular expression matching into transducers. Journal of Applied Logic, 2012, 10, 32-51.	1.1	16
9	Translating Regular Expression Matching into Transducers. , 2010, , .		3
10	Reasoning Support for Expressive Ontology Languages Using a Theorem Prover. Lecture Notes in Computer Science, 2006, , 201-218.	1.0	19
11	Efficient instance retrieval with standard and relational path indexing. Information and Computation, 2005, 199, 228-252.	0.5	1
12	Knuth--bendix constraint solving is NP-complete. ACM Transactions on Computational Logic, 2005, 6, 361-388.	0.7	0
13	Efficient Checking of Term Ordering Constraints. Lecture Notes in Computer Science, 2004, , 60-74.	1.0	2
14	Orienting rewrite rules with the Knuthâ€"Bendix order. Information and Computation, 2003, 183, 165-186.	0.5	35
15	Limited resource strategy in resolution theorem proving. Journal of Symbolic Computation, 2003, 36, 101-115.	0.5	38
16	Efficient Instance Retrieval with Standard and Relational Path Indexing. Lecture Notes in Computer Science, 2003, , 380-396.	1.0	4
17	On the Evaluation of Indexing Techniques for Theorem Proving. Lecture Notes in Computer Science, 2001, , 257-271.	1.0	17
18	Algorithms, Datastructures, and other Issues in Efficient Automated Deduction. Lecture Notes in Computer Science, 2001, , 13-28.	1.0	10

#	Article	IF	Citations
19	Knuth-Bendix Constraint Solving Is NP-Complete. Lecture Notes in Computer Science, 2001, , 979-992.	1.0	12
20	Kangerâ€™s Choices in Automated Reasoning. , 2001, , 53-67.		3
21	Equality Reasoning in Sequent-Based Calculi. , 2001, , 611-706.		27
22	Term Indexing. , 2001, , 1853-1964.		47
23	Vampire. Lecture Notes in Computer Science, 1999, , 292-296.	1.0	24
24	What You Always Wanted to Know about Rigid E-Unification. Journal of Automated Reasoning, 1998, 20, 47-80.	1.1	23
25	The undecidability of simultaneous rigid E-unification. Theoretical Computer Science, 1996, 166, 291-300.	0.5	34
26	The anatomy of vampire. Journal of Automated Reasoning, 1995, 15, 237-265.	1.1	54
27	An implementation technique for a class of bottom-up procedures. Lecture Notes in Computer Science, 1994, , 147-164.	1.0	0
28	Theorem proving in non-standard logics based on the inverse method. Lecture Notes in Computer Science, 1992, , 648-662.	1.0	12