Sorin Stratulat

List of Publications by Year
in descending order

18 papers	**140** citations	1478505 **6** h-index
18 all docs	**18** docs citations	**18** times ranked

1281871 **11** g-index

25 citing authors

#	Article	IF	Citations
1	A General Framework to Build Contextual Cover Set Induction Provers. Journal of Symbolic Computation, 2001, 32, 403-445.	0.8	40
2	Incorporating Decision Procedures in Implicit Induction. Journal of Symbolic Computation, 2002, 34, 241-258.	0.8	18
3	Mechanical Verification of an Ideal Incremental ABR Conformance Algorithm. Journal of Automated Reasoning, 2003, 30, 153-177.	1.4	12
4	Mechanical synthesis of sorting algorithms for binary trees by logic and combinatorial techniques. Journal of Symbolic Computation, 2019, 90, 3-41.	0.8	11
5	Validation of the JavaCard Platform with Implicit Induction Techniques. Lecture Notes in Computer Science, 2003, , 337-351.	1.3	11
6	Automatic â€˜Descente Infinieâ€™ Induction Reasoning. Lecture Notes in Computer Science, 2005, , 262-276.	1.3	7
7	Mechanically certifying formula-based Noetherian induction reasoning. Journal of Symbolic Computation, 2017, 80, 209-249.	0.8	6
8	Structural vs. Cyclic Induction: A Report on Some Experiments with Coq. , 2016, , .		5
9	Integrating Implicit Induction Proofs into Certified Proof Environments. Lecture Notes in Computer Science, 2010, , 320-335.	1.3	5
10	Cyclic Proofs with Ordering Constraints. Lecture Notes in Computer Science, 2017, , 311-327.	1.3	4
11	Proofâ€“Based Synthesis of Sorting Algorithms for Trees. Lecture Notes in Computer Science, 2016, , 562-575.	1.3	4
12	'Descente Infinie' Induction-Based Saturation Procedures. , 2007, , .		3
13	Automated Certification of Implicit Induction Proofs. Lecture Notes in Computer Science, 2011, , 37-53.	1.3	3
14	Combining Rewriting with Noetherian Induction to Reason on Non-orientable Equalities. Lecture Notes in Computer Science, 2008, , 351-365.	1.3	3
15	Implementing Reasoning Modules in Implicit Induction Theorem Provers. , 2014, , .		2
16	Decision Procedures for Proving Inductive Theorems without Induction. , 2014, , .		2
17	Performing Implicit Induction Reasoning with Certifying Proof Environments. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 122, 97-108.	0.8	2
18	SPIKE, an automatic theorem prover â€" revisited. , 2020, , .		2