Leonardo M De Moura

List of Publications by Year
in descending order

25	5,346	586496 16	799663 21
papers	citations	h-index	g-index

26	26	26	2996
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Lean 4 Theorem Prover and Programming Language. Lecture Notes in Computer Science, 2021, , 625-635.	1.0	36
2	Perceus: garbage free reference counting with reuse. , 2021, , .		10
3	Preface: Selected Extended Papers of CADE 2017. Journal of Automated Reasoning, 2020, 64, 511-511.	1.1	0
4	Beyond Notations: Hygienic Macro Expansion for Theorem Proving Languages. Lecture Notes in Computer Science, 2020, , 167-182.	1.0	2
5	Programming Z3. Lecture Notes in Computer Science, 2019, , 148-201.	1.0	17
6	A metaprogramming framework for formal verification. , 2017, 1, 1-29.		49
7	The Lean Theorem Prover (System Description). Lecture Notes in Computer Science, 2015, , 378-388.	1.0	163
8	Cutting to the Chase. Journal of Automated Reasoning, 2013, 51, 79-108.	1.1	22
9	Efficiently solving quantified bit-vector formulas. Formal Methods in System Design, 2013, 42, 3-23.	0.9	44
10	6 Years of SMT-COMP. Journal of Automated Reasoning, 2013, 50, 243-277.	1.1	39
11	The design and implementation of the model constructing satisfiability calculus. , 2013, , .		18
12	A Model-Constructing Satisfiability Calculus. Lecture Notes in Computer Science, 2013, , 1-12.	1.0	55
13	Satisfiability modulo theories. Communications of the ACM, 2011, 54, 69-77.	3.3	434
14	On Deciding Satisfiability by Theorem Proving with Speculative Inferences. Journal of Automated Reasoning, 2011, 47, 161-189.	1.1	37
15	Deciding Effectively Propositional Logic Using DPLL and Substitution Sets. Journal of Automated Reasoning, 2010, 44, 401-424.	1.1	57
16	On Deciding Satisfiability by DPLL($Gamma+{mathcal T}$) and Unsound Theorem Proving. Lecture Notes in Computer Science, 2009, , 35-50.	1.0	15
17	Model-based Theory Combination. Electronic Notes in Theoretical Computer Science, 2008, 198, 37-49.	0.9	33
18	Z3: An Efficient SMT Solver. Lecture Notes in Computer Science, 2008, , 337-340.	1.0	3,666

#	Article	IF	Citations
19	Deciding Effectively Propositional Logic Using DPLL and Substitution Sets. Lecture Notes in Computer Science, 2008, , 410-425.	1.0	18
20	Engineering DPLL(T) + Saturation. Lecture Notes in Computer Science, 2008, , 475-490.	1.0	29
21	Design and results of the 2nd annual satisfiability modulo theories competition (SMT-COMP 2006). Formal Methods in System Design, 2007, 31, 221-239.	0.9	5
22	Efficient E-Matching for SMT Solvers. Lecture Notes in Computer Science, 2007, , 183-198.	1.0	152
23	Justifying Equality. Electronic Notes in Theoretical Computer Science, 2005, 125, 69-85.	0.9	9
24	Design and Results of the First Satisfiability Modulo Theories Competition (SMT-COMP 2005). Journal of Automated Reasoning, 2005, 35, 373-390.	1.1	25
25	The spider environment. Software - Practice and Experience, 1999, 29, 99-124.	2.5	0