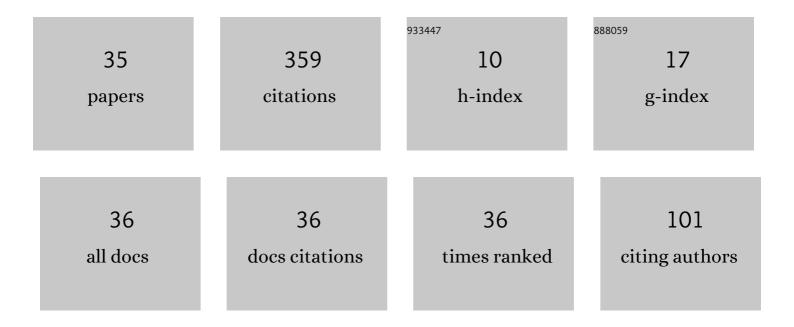
Massimo Lauria

List of Publications by Year in descending order

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MASSIMOLAUDIA

#	Article	IF	CITATIONS
1	A characterization of tree-like Resolution size. Information Processing Letters, 2013, 113, 666-671.	0.6	44
2	Narrow Proofs May Be Maximally Long. ACM Transactions on Computational Logic, 2016, 17, 1-30.	0.9	42
3	Space Complexity in Polynomial Calculus. SIAM Journal on Computing, 2015, 44, 1119-1153.	1.0	33
4	From Small Space to Small Width in Resolution. ACM Transactions on Computational Logic, 2015, 16, 1-15.	0.9	33
5	Optimality of size-degree tradeoffs for polynomial calculus. ACM Transactions on Computational Logic, 2010, 12, 1-22.	0.9	19
6	Parameterized Complexity of DPLL Search Procedures. ACM Transactions on Computational Logic, 2013, 14, 1-21.	0.9	17
7	Parameterized Bounded-Depth Frege Is not Optimal. ACM Transactions on Computation Theory, 2012, 4, 1-16.	0.7	14
8	Hardness of Approximation in PSPACE and Separation Results for Pebble Games. , 2015, , .		14
9	A lower bound for the pigeonhole principle in tree-like Resolution by asymmetric Prover–Delayer games. Information Processing Letters, 2010, 110, 1074-1077.	0.6	13
10	On the Automatizability of Polynomial Calculus. Theory of Computing Systems, 2010, 47, 491-506.	1.1	12
11	CNFgen: A Generator of Crafted Benchmarks. Lecture Notes in Computer Science, 2017, , 464-473.	1.3	12
12	Space Complexity in Polynomial Calculus. , 2012, , .		11
13	Clique is hard on average for regular resolution. , 2018, , .		11
14	Towards an Understanding of Polynomial Calculus: New Separations and Lower Bounds. Lecture Notes in Computer Science, 2013, , 437-448.	1.3	9
15	The complexity of proving that a graph is Ramsey. Combinatorica, 2017, 37, 253-268.	1.2	8
16	Minimum-Energy Broadcast and disk cover in grid wireless networks. Theoretical Computer Science, 2008, 399, 38-53.	0.9	7
17	Circular (Yet Sound) Proofs. Lecture Notes in Computer Science, 2019, , 1-18.	1.3	7
18	On the bounded-hop MST problem on random Euclidean instances. Theoretical Computer Science, 2007, 384, 161-167.	0.9	6

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#	Article	IF	CITATIONS
19	Narrow Proofs May Be Maximally Long. , 2014, , .		6
20	Trade-offs Between Time and Memory in a Tighter Model of CDCL SAT Solvers. Lecture Notes in Computer Science, 2016, , 160-176.	1.3	6
21	Divide and Conquer Is Almost Optimal for the Bounded-Hop MST Problem on Random Euclidean Instances. Lecture Notes in Computer Science, 2005, , 89-98.	1.3	6
22	Paris-Harrington Tautologies. , 2011, , .		3
23	Tight Size-Degree Bounds for Sums-of-Squares Proofs. Computational Complexity, 2017, 26, 911-948.	0.3	3
24	A note about k -DNF resolution. Information Processing Letters, 2018, 137, 33-39.	0.6	3
25	The Complexity of Proving That a Graph Is Ramsey. Lecture Notes in Computer Science, 2013, , 684-695.	1.3	3
26	Parameterized Bounded-Depth Frege Is Not Optimal. Lecture Notes in Computer Science, 2011, , 630-641.	1.3	3
27	Cliques enumeration and tree-like resolution proofs. Information Processing Letters, 2018, 135, 62-67.	0.6	2
28	A Distributed Protocol for the Bounded-Hops Converge-Cast in Ad-Hoc Networks. Lecture Notes in Computer Science, 2006, , 60-72.	1.3	2
29	Minimum Energy Broadcast and Disk Cover in Grid Wireless Networks. Lecture Notes in Computer Science, 2006, , 227-239.	1.3	2
30	On semantic cutting planes with very small coefficients. Information Processing Letters, 2018, 136, 70-75.	0.6	1
31	A Rank Lower Bound for Cutting Planes Proofs of Ramsey's Theorem. Lecture Notes in Computer Science, 2013, , 351-364.	1.3	1
32	A Rank Lower Bound for Cutting Planes Proofs of Ramsey's Theorem. ACM Transactions on Computation Theory, 2016, 8, 1-13.	0.7	1
33	Algorithm Analysis Through Proof Complexity. Lecture Notes in Computer Science, 2018, , 254-263.	1.3	1
34	On the Proof Complexity of Paris-Harrington and Off-Diagonal Ramsey Tautologies. ACM Transactions on Computational Logic, 2016, 17, 1-25.	0.9	0
35	Upper bounds on positional Paris–Harrington games. Discrete Mathematics, 2021, 344, 112257.	0.7	Ο