Olivier Bouissou

List of Publications by Year
in descending order

16 papers	208 citations	7 h-index	13 g-index
17 all docs	17 docs citations	17 times ranked	128 citing authors

#	Article	IF	Citations
1	Uncertainty Propagation Using Probabilistic Affine Forms and Concentration of Measure Inequalities. Lecture Notes in Computer Science, 2016, , 225-243.	1.3	16
2	Static Analysis of Programs with Imprecise Probabilistic Inputs. Lecture Notes in Computer Science, 2014, , 22-47.	1.3	12
3	Enclosing Temporal Evolution of Dynamical Systems Using Numerical Methods. Lecture Notes in Computer Science, 2013, , 108-123.	1.3	22
4	Fixpoint Computation in the Polyhedra Abstract Domain Using Convex and Numerical Analysis Tools. Lecture Notes in Computer Science, 2013, , 149-168.	1.3	3
5	From control-command synchronous programs to hybrid automata. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 291-298.	0.4	4
6	Acceleration of the abstract fixpoint computation in numerical program analysis. Journal of Symbolic Computation, 2012, 47, 1479-1511.	0.8	5
7	HySon: Set-based simulation of hybrid systems. , 2012, , .		20
8	A generalization of p-boxes to affine arithmetic. Computing (Vienna/New York), 2012, 94, 189-201.	4.8	39
9	An operational semantics for Simulink's simulation engine. ACM SIGPLAN Notices, 2012, 47, 129-138.	0.2	15
10	VÃ©rification partielle de programmes de contrÃ´le-commande par interprÃ©tation abstraite. Techniques Et Sciences Informatiques, 2012, 31, 337-373.	0.0	0
11	Abstract Fixpoint Computations with Numerical Acceleration Methods. Electronic Notes in Theoretical Computer Science, 2010, 267, 29-42.	0.9	2
12	HybridFluctuat: A Static Analyzer of Numerical Programs within a Continuous Environment. Lecture Notes in Computer Science, 2009, , 620-626.	1.3	21
13	Proving the Correctness of the Implementation of a Control-Command Algorithm. Lecture Notes in Computer Science, 2009, , 102-119.	1.3	2
14	Abstract Interpretation of the Physical Inputs of Embedded Programs. Lecture Notes in Computer Science, 2008, , 37-51.	1.3	8
15	A Hybrid Denotational Semantics for Hybrid Systems. , 2008, , 63-77.		2
16	GRKLib: a Guaranteed Runge Kutta Library. , 2006, , .		31