

# Roland Yap

## List of Publications by Year in descending order

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21  
papers

728  
citations

1307594

7  
h-index

940533

16  
g-index

22  
all docs

22  
docs citations

22  
times ranked

329  
citing authors

#	ARTICLE	IF	CITATIONS
1	A MapReduce-Based Maximum-Flow Algorithm for Large Small-World Network Graphs. , 2011, , .		21
2	Solving functional constraints by variable substitution. Theory and Practice of Logic Programming, 2011, 11, 297-322.	1.5	1
3	Enhancing host security using external environment sensors. International Journal of Information Security, 2011, 10, 285-299.	3.4	1
4	An MDD-based generalized arc consistency algorithm for positive and negative table constraints and some global constraints. Constraints, 2010, 15, 265-304.	0.7	61
5	Physical Access Protection using Continuous Authentication. , 2008, , .		11
6	Security Issues in Small World Network Routing. , 2008, , .		2
7	Extending BAN Logic for Reasoning with Modern PKI-Based Protocols. , 2008, , .		6
8	Self Management for Large-Scale Distributed Systems: An Overview of the SELFMAN Project. Lecture Notes in Computer Science, 2008, , 153-178.	1.3	8
9	Efficient Algorithms for Functional Constraints. Lecture Notes in Computer Science, 2008, , 606-620.	1.3	2
10	Approximate Satisfiability Counting. , 2007, , .		1
11	Applying Ad-hoc Global Constraints with the $\{t\}$ Constraint to Still-Life. Constraints, 2006, 11, 91-114.	0.7	7
12	Robust Controllability of Temporal Constraint Networks under Uncertainty. , 2006, , .		3
13	Improving Host-Based IDS with Argument Abstraction to Prevent Mimicry Attacks. Lecture Notes in Computer Science, 2006, , 146-164.	1.3	10
14	Towards "Propagation = Logic + Control" Lecture Notes in Computer Science, 2006, , 102-116.	1.3	3
15	An optimal coarse-grained arc consistency algorithm. Artificial Intelligence, 2005, 165, 165-185.	5.8	124
16	Solving Hierarchical Constraints over Finite Domains with Local Search. Annals of Mathematics and Artificial Intelligence, 2004, 40, 283-301.	1.3	3
17	On-line computerized diagnosis of pain-related disability and psychological status of TMD patients: a pilot study. Journal of Oral Rehabilitation, 2001, 28, 78-87.	3.0	11
18	Meta-programming in CLP(R). The Journal of Logic Programming, 1997, 33, 221-259.	1.7	6

#	ARTICLE	IF	CITATIONS
19	Projecting CLPR constraints. <i>New Generation Computing</i> , 1993, 11, 449-469.	3.3	14
20	The CLP( $\hat{\text{a}}, \text{v}$ ) language and system. <i>ACM Transactions on Programming Languages and Systems</i> , 1992, 14, 339-395.	2.1	367
21	Constraint Logic Programming and Option Trading. <i>IEEE Intelligent Systems</i> , 1987, 2, 42-50.	1.0	63