

# Jorge Cruz

## List of Publications by Year in descending order

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22  
papers

103  
citations

1683934

5  
h-index

1474057

9  
g-index

27  
all docs

27  
docs citations

27  
times ranked

61  
citing authors

#	ARTICLE	IF	CITATIONS
1	Parameter Estimation Using Interval Computations. SIAM Journal of Scientific Computing, 2004, 26, 591-612.	1.3	17
2	Constraint reasoning in deep biomedical models. Artificial Intelligence in Medicine, 2005, 34, 77-88.	3.8	12
3	An expert system for diagnosis of acute myocardial infarction with ECG analysis. Artificial Intelligence in Medicine, 1997, 10, 75-92.	3.8	10
4	Constraint Satisfaction Differential Problems. Lecture Notes in Computer Science, 2003, , 259-273.	1.0	10
5	Constraint Reasoning with Differential Equations. Applied Numerical Analysis and Computational Mathematics, 2004, 1, 140-154.	0.6	5
6	Probabilistic Continuous Constraint Satisfaction Problems. , 2008, , .		5
7	Handling Differential Equations with Constraints for Decision Support. Lecture Notes in Computer Science, 2000, , 105-120.	1.0	5
8	Probabilistic constraints for nonlinear inverse problems. Constraints, 2013, 18, 344-376.	0.4	4
9	From phenotype to genotype in complex brain networks. Scientific Reports, 2016, 6, 19790.	1.6	4
10	A certified Branch & Bound approach for reliability-based optimization problems. Journal of Global Optimization, 2017, 69, 461-484.	1.1	4
11	Convergence analysis and adaptive strategy for the certified quadrature over a set defined by inequalities. Journal of Computational and Applied Mathematics, 2014, 260, 543-560.	1.1	3
12	Global Hull Consistency with Local Search for Continuous Constraint Solving. Lecture Notes in Computer Science, 2001, , 349-362.	1.0	3
13	A causal-functional model applied to EMG diagnosis. Lecture Notes in Computer Science, 1997, , 247-260.	1.0	2
14	Probabilistic Reasoning with Continuous Constraints. AIP Conference Proceedings, 2007, , .	0.3	2
15	Reasoning with Uncertainty in Continuous Domains. Advances in Intelligent and Soft Computing, 2010, , 357-369.	0.2	2
16	Uncertainty Propagation in Biomedical Models. Lecture Notes in Computer Science, 2015, , 166-171.	1.0	1
17	Integrating Deep Biomedical Models into Medical Decision Support Systems: An Interval Constraint Approach. Lecture Notes in Computer Science, 1999, , 185-194.	1.0	1
18	Probabilistic Constraint Programming for Parameters Optimisation of Generative Models. Lecture Notes in Computer Science, 2015, , 376-387.	1.0	1

#	ARTICLE	IF	CITATIONS
19	Probabilistic Constraints for Inverse Problems. , 2008, , 115-128.		1
20	Probabilistic constraints for reliability problems. , 2010, , .		0
21	Probabilistic Constraints for Nonlinear Inverse Problems. Lecture Notes in Computer Science, 2014, , 913-917.	1.0	0
22	Probabilistic Constraints for Robot Localization. Lecture Notes in Computer Science, 2015, , 480-486.	1.0	0