

Jorge Cruz

List of Publications by Year in descending order

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22
papers

103
citations

1684188

5
h-index

1474206

9
g-index

27
all docs

27
docs citations

27
times ranked

61
citing authors

#	ARTICLE	IF	CITATIONS
1	A certified Branch & Bound approach for reliability-based optimization problems. Journal of Global Optimization, 2017, 69, 461-484.	1.8	4
2	From phenotype to genotype in complex brain networks. Scientific Reports, 2016, 6, 19790.	3.3	4
3	Uncertainty Propagation in Biomedical Models. Lecture Notes in Computer Science, 2015, , 166-171.	1.3	1
4	Probabilistic Constraints for Robot Localization. Lecture Notes in Computer Science, 2015, , 480-486.	1.3	0
5	Probabilistic Constraint Programming for Parameters Optimisation of Generative Models. Lecture Notes in Computer Science, 2015, , 376-387.	1.3	1
6	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.	2.0	3
7	Probabilistic Constraints for Nonlinear Inverse Problems. Lecture Notes in Computer Science, 2014, , 913-917.	1.3	0
8	Probabilistic constraints for nonlinear inverse problems. Constraints, 2013, 18, 344-376.	0.7	4
9	Probabilistic constraints for reliability problems. , 2010, , .		0
10	Reasoning with Uncertainty in Continuous Domains. Advances in Intelligent and Soft Computing, 2010, , 357-369.	0.2	2
11	Probabilistic Continuous Constraint Satisfaction Problems. , 2008, , .		5
12	Probabilistic Constraints for Inverse Problems. , 2008, , 115-128.		1
13	Probabilistic Reasoning with Continuous Constraints. AIP Conference Proceedings, 2007, , .	0.4	2
14	Constraint reasoning in deep biomedical models. Artificial Intelligence in Medicine, 2005, 34, 77-88.	6.5	12
15	Constraint Reasoning with Differential Equations. Applied Numerical Analysis and Computational Mathematics, 2004, 1, 140-154.	0.6	5
16	Parameter Estimation Using Interval Computations. SIAM Journal of Scientific Computing, 2004, 26, 591-612.	2.8	17
17	Constraint Satisfaction Differential Problems. Lecture Notes in Computer Science, 2003, , 259-273.	1.3	10
18	Global Hull Consistency with Local Search for Continuous Constraint Solving. Lecture Notes in Computer Science, 2001, , 349-362.	1.3	3

#	ARTICLE	IF	CITATIONS
19	Handling Differential Equations with Constraints for Decision Support. Lecture Notes in Computer Science, 2000, , 105-120.	1.3	5
20	Integrating Deep Biomedical Models into Medical Decision Support Systems: An Interval Constraint Approach. Lecture Notes in Computer Science, 1999, , 185-194.	1.3	1
21	A causal-functional model applied to EMG diagnosis. Lecture Notes in Computer Science, 1997, , 247-260.	1.3	2
22	An expert system for diagnosis of acute myocardial infarction with ECG analysis. Artificial Intelligence in Medicine, 1997, 10, 75-92.	6.5	10