

Nicolas Gayton

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

328
citations

1478505

6
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

317
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonparametric Importance Sampling Techniques for Sensitivity Analysis and Reliability Assessment of a Launcher Stage Fallout. Springer Optimization and Its Applications, 2019, , 59-86.	0.9	2
2	AK-MCSi: A Kriging-based method to deal with small failure probabilities and time-consuming models. Structural Safety, 2018, 73, 1-11.	5.3	142
3	Tolerance Analysis - Key Characteristics Identification by Sensitivity Methods. Procedia CIRP, 2018, 75, 33-38.	1.9	3
4	Statistical Tolerance Analysis Technique for Over-constrained Mechanical Systems. Procedia CIRP, 2018, 75, 232-237.	1.9	4
5	Reliability-based sensitivity estimators of rare event probability in the presence of distribution parameter uncertainty. Reliability Engineering and System Safety, 2018, 178, 164-178.	8.9	28
6	Evaluation of failure probability under parameter epistemic uncertainty: application to aerospace system reliability assessment. Aerospace Science and Technology, 2017, 69, 526-537.	4.8	25
7	AK-ILS: An Active learning method based on Kriging for the Inspection of Large Surfaces. Precision Engineering, 2013, 37, 1-9.	3.4	31
8	Statistical tolerance analysis of a hyperstatic mechanism, using system reliability methods. Computers and Industrial Engineering, 2012, 63, 1118-1127.	6.3	13
9	A statistical tolerance analysis approach for over-constrained mechanism based on optimization and Monte Carlo simulation. CAD Computer Aided Design, 2012, 44, 132-142.	2.7	71
10	APTA: advanced probability-based tolerance analysis of products. Mecanique Et Industries, 2011, 12, 71-85.	0.2	6