

Jean-Marc Bourinet

List of Publications by Year in descending order

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19
papers

1,256
citations

858243

12
h-index

1051228

16
g-index

21
all docs

21
docs citations

21
times ranked

940
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.	0.6	2
2	An adaptive sampling method for global sensitivity analysis based on least-squares support vector regression. Reliability Engineering and System Safety, 2019, 183, 323-340.	5.1	22
3	Comparative Study of Kriging and Support Vector Regression for Structural Engineering Applications. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2018, 4, .	1.1	33
4	Reliability-based sensitivity estimators of rare event probability in the presence of distribution parameter uncertainty. Reliability Engineering and System Safety, 2018, 178, 164-178.	5.1	28
5	Evaluation of failure probability under parameter epistemic uncertainty: application to aerospace system reliability assessment. Aerospace Science and Technology, 2017, 69, 526-537.	2.5	25
6	FORM Sensitivities to Distribution Parameters with the Nataf Transformation. Springer Series in Reliability Engineering, 2017, , 277-302.	0.3	0
7	Quantile-based optimization under uncertainties using adaptive Kriging surrogate models. Structural and Multidisciplinary Optimization, 2016, 54, 1403-1421.	1.7	78
8	Rare-event probability estimation with adaptive support vector regression surrogates. Reliability Engineering and System Safety, 2016, 150, 210-221.	5.1	147
9	Reliability and Sensitivity Analysis of Transmission Lines in a Probabilistic EMC Context. IEEE Transactions on Electromagnetic Compatibility, 2016, 58, 561-572.	1.4	25
10	The cross-entropy method for reliability assessment of cracked structures subjected to random Markovian loads. Reliability Engineering and System Safety, 2014, 123, 171-182.	5.1	15
11	Damage Tolerance and Reliability Assessment under Random Markovian Loads. Procedia IUTAM, 2013, 6, 123-131.	1.2	4
12	DESIGN-POINT EXCITATION FOR CRACK PROPAGATION UNDER NARROW-BAND RANDOM LOADING. , 2013, 3, 541-554.		2
13	Modeling and simulation of stochastic fatigue load sequences derived from in-flight load data. , 2011, , .		2
14	APTA: advanced probability-based tolerance analysis of products. Mecanique Et Industries, 2011, 12, 71-85.	0.2	6
15	Assessing small failure probabilities by combined subset simulation and Support Vector Machines. Structural Safety, 2011, 33, 343-353.	2.8	340
16	Random load sequences and stochastic crack growth based on measured load data. Engineering Fracture Mechanics, 2011, 78, 3030-3048.	2.0	13
17	Reliability-based design optimization using kriging surrogates and subset simulation. Structural and Multidisciplinary Optimization, 2011, 44, 673-690.	1.7	330
18	CQ2RS: a new statistical approach to the response surface method for reliability analysis. Structural Safety, 2003, 25, 99-121.	2.8	163

#	ARTICLE	IF	CITATIONS
19	A dynamic stiffness analysis of damped tubes filled with granular materials. Computers and Structures, 1999, 73, 395-406.	2.4	18