

Guesuk Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11663434/publications.pdf>

Version: 2024-02-01

9
papers

163
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

91
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of statistical model calibration and validation from the perspective of uncertainty structures. Structural and Multidisciplinary Optimization, 2019, 60, 1619-1644.	3.5	59
2	Hierarchical model calibration for designing piezoelectric energy harvester in the presence of variability in material properties and geometry. Structural and Multidisciplinary Optimization, 2016, 53, 161-173.	3.5	37
3	Industrial issues and solutions to statistical model improvement: a case study of an automobile steering column. Structural and Multidisciplinary Optimization, 2020, 61, 1739-1756.	3.5	14
4	Estimation of fatigue crack initiation and growth in engineering product development using a digital twin approach. Reliability Engineering and System Safety, 2022, 226, 108721.	8.9	12
5	A new calibration metric that considers statistical correlation: Marginal Probability and Correlation Residuals. Reliability Engineering and System Safety, 2020, 195, 106677.	8.9	10
6	Sequential optimization and uncertainty propagation method for efficient optimization-based model calibration. Structural and Multidisciplinary Optimization, 2019, 60, 1355-1372.	3.5	8
7	Uncertainty characterization under measurement errors using maximum likelihood estimation: cantilever beam end-to-end UQ test problem. Structural and Multidisciplinary Optimization, 2019, 59, 323-333.	3.5	6
8	A comparative study of statistical validation metrics with consideration of variance to address type II errors in statistical model validation. Structural and Multidisciplinary Optimization, 2022, 65, 1.	3.5	3
9	Expectation-Maximization Method for Data-Based Estimation of the Cantilever Beam End-to-End Problem. , 2018, , .		1