

Chanyoung Park

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10839412/publications.pdf>

Version: 2024-02-01

16
papers

479
citations

1307594

7
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

308
citing authors

#	ARTICLE	IF	CITATIONS
1	Remarks on multi-fidelity surrogates. <i>Structural and Multidisciplinary Optimization</i> , 2017, 55, 1029-1050.	3.5	150
2	Issues in Deciding Whether to Use Multifidelity Surrogates. <i>AIAA Journal</i> , 2019, 57, 2039-2054.	2.6	127
3	Multifidelity Surrogate Based on Single Linear Regression. <i>AIAA Journal</i> , 2018, 56, 4944-4952.	2.6	67
4	Analysis of dataset selection for multi-fidelity surrogates for a turbine problem. <i>Structural and Multidisciplinary Optimization</i> , 2018, 57, 2127-2142.	3.5	43
5	Low-fidelity scale factor improves Bayesian multi-fidelity prediction by reducing bumpiness of discrepancy function. <i>Structural and Multidisciplinary Optimization</i> , 2018, 58, 399-414.	3.5	33
6	Estimating Effect of Additional Sample on Uncertainty Reduction in Reliability Analysis Using Gaussian Process. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2020, 142, .	2.9	10
7	Function Prediction at One Inaccessible Point Using Converging Lines. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2017, 139, .	2.9	9
8	Sensitivity-Based Parameter Calibration and Model Validation Under Model Error. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2018, 140, .	2.9	9
9	Forensic Uncertainty Quantification for Experiments on the Explosively Driven Motion of Particles. <i>Journal of Verification, Validation and Uncertainty Quantification</i> , 2018, 3, .	0.4	6
10	A Kriging Surrogate Model for Computing Gas Mixture Equations of State. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2019, 141, .	1.5	6
11	Anomaly Detection Using Groups of Simulations. , 2016, , .		5
12	Adaptive Sampling with Varying Sampling Cost for Design Space Exploration. <i>AIAA Journal</i> , 2019, 57, 1032-1043.	2.6	5
13	Teaching a Verification and Validation Course Using Simulations and Experiments With Paper Helicopters. <i>Journal of Verification, Validation and Uncertainty Quantification</i> , 2016, 1, .	0.4	3
14	Epistemic Uncertainty Stemming From Measurement Processing—A Case Study of Multiphase Shock Tube Experiments. <i>Journal of Verification, Validation and Uncertainty Quantification</i> , 2018, 3, .	0.4	3
15	Safety envelope for load tolerance of structural element design based on multi-stage testing. <i>Advances in Mechanical Engineering</i> , 2016, 8, 168781401666814.	1.6	2
16	Uncertainty Reduction for Model Error Detection in Multiphase Shock Tube Simulation. <i>Journal of Verification, Validation and Uncertainty Quantification</i> , 2021, 6, .	0.4	1