

# Chanyoung Park

## List of Publications by Year in descending order

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

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16  
papers

479  
citations

1307594

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996975

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16  
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16  
docs citations

16  
times ranked

308  
citing authors

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