

Youngjun Choe

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

132
citations

7
h-index

10
g-index

26
ext. papers

229
ext. citations

4.5
avg, IF

3.75
L-index

#	Paper	IF	Citations
21	Infrastructure recovery curve estimation using Gaussian process regression on expert elicited data. <i>Reliability Engineering and System Safety</i> , 2022 , 217, 108054	6.3	3
20	Physical activity monitoring data following disasters. <i>Sustainable Cities and Society</i> , 2022 , 81, 103814	10.1	
19	Urban bike and pedestrian activity impacts from wildfire smoke events in Seattle, WA. <i>Journal of Transport and Health</i> , 2021 , 21, 101033	3	2
18	Improving Weibull distribution estimation for generalized Type I censored data using modified SMOTE. <i>Reliability Engineering and System Safety</i> , 2021 , 211, 107505	6.3	7
17	Identifying DMSMS availability risk at the system level. <i>International Journal of Production Research</i> , 2021 , 59, 2905-2925	7.8	1
16	Identifying the Influential Inputs for Network Output Variance Using Sparse Polynomial Chaos Expansion. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021 , 18, 1026-1036	4.9	
15	Data-driven sensitivity indices for models with dependent inputs using polynomial chaos expansions. <i>Structural Safety</i> , 2021 , 88, 101984	4.9	1
14	Splitting Gaussian processes for computationally-efficient regression. <i>PLoS ONE</i> , 2021 , 16, e0256470	3.7	1
13	Review of Empirical Quantitative Data Use in Lifeline Infrastructure Restoration Modeling. <i>Natural Hazards Review</i> , 2021 , 22, 03121001	3.5	2
12	How did outdoor biking and walking change during COVID-19?: A case study of three U.S. cities. <i>PLoS ONE</i> , 2021 , 16, e0245514	3.7	22
11	Building damage annotation on post-hurricane satellite imagery based on convolutional neural networks. <i>Natural Hazards</i> , 2020 , 103, 3357-3376	3	12
10	Impact of energy benchmarking and disclosure policy on office buildings. <i>Journal of Cleaner Production</i> , 2020 , 250, 119500	10.3	5
9	Daily Bicycle and Pedestrian Activity as an Indicator of Disaster Recovery: A Hurricane Harvey Case Study. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	7
8	Cross-entropy based importance sampling for stochastic simulation models. <i>Reliability Engineering and System Safety</i> , 2019 , 191, 106526	6.3	6
7	Optimal Technology Refresh Strategies for Strategic DMSMS Management using Ranking and Selection 2019 ,		1
6	New Building Cladding System Using Independent Tilted BIPV Panels with Battery Storage Capability. <i>Sustainability</i> , 2019 , 11, 5546	3.6	6
5	Uncertainty Quantification of Stochastic Simulation for Black-box Computer Experiments. <i>Methodology and Computing in Applied Probability</i> , 2018 , 20, 1155-1172	0.6	7

4	Change-Point Detection on Solar Panel Performance Using Thresholded LASSO. <i>Quality and Reliability Engineering International</i> , 2016 , 32, 2653-2665	2.6	6
3	Adaptive Learning in Time-Variant Processes With Application to Wind Power Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , 2016 , 13, 997-1007	4.9	17
2	Computationally Efficient Uncertainty Minimization in Wind Turbine Extreme Load Assessments. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2016 , 138,	2.3	8
1	Importance Sampling for Reliability Evaluation With Stochastic Simulation Models. <i>Technometrics</i> , 2015 , 57, 351-361	1.4	17