Xiang Ren

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/560923/publications.pdf

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12	230	1162889 8	1199470 12
papers	citations	h-index	g-index

12	12	12	230
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of Machine Learning and Land Use Regression for fine scale spatiotemporal estimation of ambient air pollution: Modeling ozone concentrations across the contiguous United States. Environment International, 2020, 142, 105827.	4.8	94
2	Vine Copula-Based Dependence Description for Multivariate Multimode Process Monitoring. Industrial & Engineering Chemistry Research, 2015, 54, 10001-10019.	1.8	38
3	Fault Detection and Diagnosis for Nonlinear and Non-Gaussian Processes Based on Copula Subspace Division. Industrial & Engineering Chemistry Research, 2017, 56, 11545-11564.	1.8	26
4	Flexible Bayesian Ensemble Machine Learning Framework for Predicting Local Ozone Concentrations. Environmental Science & Technology, 2022, 56, 3871-3883.	4.6	18
5	Probabilistic Weighted Copula Regression Model With Adaptive Sample Selection Strategy for Complex Industrial Processes. IEEE Transactions on Industrial Informatics, 2020, 16, 6972-6981.	7.2	14
6	Enhancing Quality of Multivariate Process Monitoring Based on Vine Copula and Active Learning Strategy. Industrial & Engineering Chemistry Research, 2018, 57, 7961-7974.	1.8	11
7	Development of a semi-mechanistic allergenic pollen emission model. Science of the Total Environment, 2019, 653, 947-957.	3.9	9
8	Study on the Charge Transfer Criterion for the Pole-to-Ground Fault in DC Distribution Networks. IEEE Access, 2019, 7, 102386-102396.	2.6	8
9	Modeling Effects of Spatial Heterogeneities and Layered Exposure Interventions on the Spread of COVID-19 across New Jersey. International Journal of Environmental Research and Public Health, 2021, 18, 11950.	1.2	5
10	Nonlinear Non-Gaussian and Multimode Process Monitoring-Based Multi-Subspace Vine Copula and Deep Neural Network. Industrial & Engineering Chemistry Research, 2020, 59, 14385-14397.	1.8	4
11	Process Monitoring Method Based on Double-Model and Multi-Subspace Vine Copula. Industrial & Engineering Chemistry Research, 2019, 58, 12137-12148.	1.8	2
12	Comments on â€œRolling Pin Method: Efficient General Method of Joint Probability Modelingâ€• Industrial & Engineering Chemistry Research, 2015, 54, 2414-2415.	1.8	1