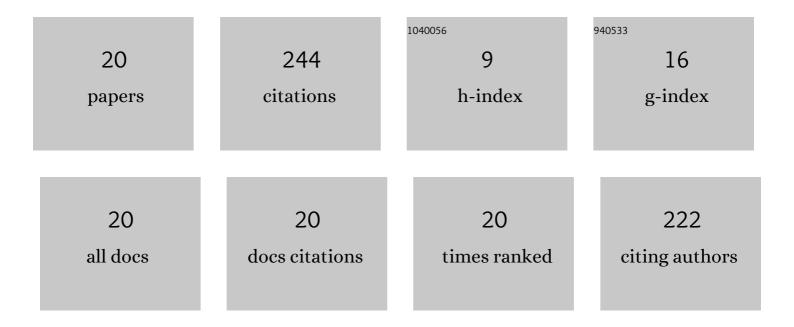
Lechang Yang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Bayesian inversion for imprecise probabilistic models using a novel entropy-based uncertainty quantification metric. Mechanical Systems and Signal Processing, 2022, 162, 107954.	8.0	8
2	Enriching stochastic model updating metrics: An efficient Bayesian approach using Bray-Curtis distance and an adaptive binning algorithm. Mechanical Systems and Signal Processing, 2022, 171, 108889.	8.0	4
3	On investigation of the Bayesian anomaly in multiple imprecise dependent information aggregation for system reliability evaluation. International Journal of Intelligent Systems, 2021, 36, 2895-2921.	5.7	2
4	Optimization or Bayesian Strategy? Performance of the Bhattacharyya Distance in Different Algorithms of Stochastic Model Updating. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering, 2021, 7, .	1.1	3
5	Reliability analysis of a complex system with hybrid structures and multi-level dependent life metrics. Reliability Engineering and System Safety, 2021, 209, 107469.	8.9	14
6	A New SORM Method for Structural Reliability with Hybrid Uncertain Variables. Applied Sciences (Switzerland), 2021, 11, 346.	2.5	10
7	Bayesian Information Fusion for Imprecise Probabilistic Models with Different Types of Information. , 2021, , .		0
8	Reliability Assessment of a Hierarchical System Subjected to Inconsistent Priors and Multilevel Data. IEEE Transactions on Reliability, 2020, 69, 277-292.	4.6	11
9	Mechanical properties of lightweight 316L stainless steel lattice structures fabricated by selective laser melting. Materials and Design, 2019, 181, 108076.	7.0	104
10	A Likelihood-Based Approach of Uncertainty Quantification Using Both Sparse Point Data and Interval Estimates. , 2019, , .		0
11	Combining pre- and post-model information in the uncertainty quantification of non-deterministic models using an extended Bayesian melding approach. Information Sciences, 2019, 502, 146-163.	6.9	12
12	On the performance evaluation of a hierarchical-structure prototype product using inconsistent prior information and limited test data. Information Sciences, 2019, 485, 362-375.	6.9	20
13	Reliability Analysis to a Satellite-Equipped Harmonic Gear Drive Subjected to Multisource Data and Imbalanced Information. International Journal of Aerospace Engineering, 2018, 2018, 1-16.	0.9	5
14	Reliability analysis of a nonlinear rotor/stator contact system in the presence of aleatory and epistemic uncertainty. Journal of Mechanical Science and Technology, 2018, 32, 4089-4101.	1.5	13
15	A Novel Bayesian Melding Approach for Reliability Estimation Subjected to Inconsistent Priors and Heterogeneous Data Sets. IEEE Access, 2018, 6, 38835-38850.	4.2	9
16	Bayesian-based information extraction and aggregation approach for multilevel systems with multi-source data. Journal of Systems Engineering and Electronics, 2017, 28, 385.	2.2	10
17	A Bayesianâ€based Reliability Estimation Approach for Corrosion Fatigue Crack Growth Utilizing the Random Walk. Quality and Reliability Engineering International, 2016, 32, 2519-2535.	2.3	8
18	Uncertainty representation and quantification for a nonlinear rotor/stator system with mixed uncertainties. Journal of Vibroengineering, 2016, 18, 4836-4851.	1.0	11

#	Article	IF	CITATIONS
19	A Bayesian approach for a complex system utilizing imperfect information. , 2015, , .		0
20	Reliability modeling of complex mechanism system using GBN. , 2015, , .		0