Zan Yang

List of Publications by Year
in descending order

10 papers	443 citations	1040056 9 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	269 citing authors

#	Article	IF	Citations
1	A general failure-pursuing sampling framework for surrogate-based reliability analysis. Reliability Engineering and System Safety, 2019, 183, 47-59.	8.9	125
2	Real-time estimation error-guided active learning Kriging method for time-dependent reliability analysis. Applied Mathematical Modelling, 2020, 77, 82-98.	4.2	96
3	An active failure-pursuing Kriging modeling method for time-dependent reliability analysis. Mechanical Systems and Signal Processing, 2019, 129, 112-129.	8.0	58
4	EEK-SYS: System reliability analysis through estimation error-guided adaptive Kriging approximation of multiple limit state surfaces. Reliability Engineering and System Safety, 2020, 198, 106906.	8.9	41
5	A screening-based gradient-enhanced Kriging modeling method for high-dimensional problems. Applied Mathematical Modelling, 2019, 69, 15-31.	4.2	37
6	Two-layer adaptive surrogate-assisted evolutionary algorithm for high-dimensional computationally expensive problems. Journal of Global Optimization, 2019, 74, 327-359.	1.8	30
7	Optimization of expensive black-box problems via Gradient-enhanced Kriging. Computer Methods in Applied Mechanics and Engineering, 2020, 362, 112861.	6.6	26
8	A surrogate-assisted particle swarm optimization algorithm based on efficient global optimization for expensive black-box problems. Engineering Optimization, 2019, 51, 549-566.	2.6	17
9	Exploiting active subspaces of hyperparameters for efficient high-dimensional Kriging modeling. Mechanical Systems and Signal Processing, 2022, 169, 108643.	8.0	9
10	A two-layer surrogate-assisted differential evolution with better and nearest option for optimizing the spring of hydraulic series elastic actuator. Applied Soft Computing Journal, 2021, 100, 107001.	7.2	4