Pengpeng Zhi

List of Publications by Year
in descending order

11 papers	120 citations	1478505 6 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	67 citing authors

#	Article	IF	Citations
1	Fracture Mechanism Analysis and Design Optimization of a Wheelset Lifting Mechanism Based on Experiments and Simulations. Machines, 2022, 10, 397.	2.2	2
2	Reliability Assessment Based on GO Method of Metro Traction System. Advances in Materials Science and Engineering, 2020, 2020, 1-13.	1.8	1
3	Bounds-based structure reliability analysis of bogie frame under variable load cases. Engineering Failure Analysis, 2020, 114, 104541.	4.0	21
4	Fuzzy Design Optimization-Based Fatigue Reliability Analysis of Welding Robots. IEEE Access, 2020, 8, 64906-64917.	4.2	10
5	Fatigue Reliability Analysis of Motor Hanger for High-Speed Train Based on Bayesian Updating and Subset Simulation. Advances in Materials Science and Engineering, 2020, 2020, 1-10.	1.8	4
6	Robust Optimization Design of Metro Handrails. Journal of Shanghai Jiaotong University (Science), 2019, 24, 628-631.	0.9	1
7	Fuzzy optimization design-based multi-level response surface of bogie frame. International Journal of Structural Integrity, 2019, 10, 134-148.	3.3	22
8	Multi-objective optimization design of anti-rolling torsion bar based on modified NSGA-III algorithm. International Journal of Structural Integrity, 2019, 12, 17-30.	3.3	24
9	Time-dependent reliability analysis of the motor hanger for EMU based on stochastic process. International Journal of Structural Integrity, 2019, 11, 453-469.	3.3	26
10	Time-variant reliability analysis of motor-hanger connecting bolts in electric trains. Proceedings of the Institution of Civil Engineers: Forensic Engineering, 2019, 172, 125-132.	0.5	2
11	Fatigue Strength Analysis of Bogie Frame In Consideration of Parameter Uncertainty. Frattura Ed Integrita Strutturale, 2019, 13, 385-399.	0.9	7