Zhi-Chao Wang

List of Publications by Year
in descending order

13 papers	239 citations	1163117 8 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	135 citing authors

#	Article	IF	Citations
1	An Additive Consistency and Consensus Approach for Group Decision Making With Probabilistic Hesitant Fuzzy Linguistic Preference Relations and Its Application in Failure Criticality Analysis. IEEE Transactions on Cybernetics, 2022, 52, 12501-12513.	9.5	13
2	Group risk assessment in failure mode and effects analysis using a hybrid probabilistic hesitant fuzzy linguistic MCDM method. Expert Systems With Applications, 2022, 188, 116013.	7.6	59
3	Research on global coupling analysis and approximate decoupling of quality characteristics in the early design stage. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 599-610.	2.1	2
4	Early prediction method for assembly precision of mechanical system and assessment of precision reliability. International Journal of Advanced Manufacturing Technology, 2021, 112, 203-220.	3.0	2
5	Meta-action reliability-based mechanical product optimization design under uncertainty environment. Engineering Applications of Artificial Intelligence, 2021, 100, 104174.	8.1	11
6	Failure mode and effects analysis using function–motion–action decomposition method and integrated risk priority number for mechatronic products. Quality and Reliability Engineering International, 2021, 37, 2875-2899.	2.3	9
7	Prioritization of key quality characteristics with the three-dimensional HoQ model-based interval-valued spherical fuzzy-ORESTE method. Engineering Applications of Artificial Intelligence, 2021, 104, 104271.	8.1	19
8	Primary failure mode and effects analysis with function-motion-action hierarchy structure for mechatronic systems. Engineering Failure Analysis, 2021, 130, 105775.	4.0	7
9	Failure mode and effects analysis using extended matter-element model and AHP. Computers and Industrial Engineering, 2020, 140, 106233.	6.3	50
10	Reliability analysis of gear rotation meta-action unit based on Weibull and inverse Gaussian competing failure process. Engineering Failure Analysis, 2020, 117, 104953.	4.0	21
11	An extended MULTIMOORA method based on OWGA operator and Choquet integral for risk prioritization identification of failure modes. Engineering Applications of Artificial Intelligence, 2020, 91, 103605.	8.1	32
12	Precision analysis for five-axis CNC milling machine based on meta-action units and integrated weights with Shannon entropy and AHP. International Journal of Advanced Manufacturing Technology, 2020, 107, 2767-2782.	3.0	8
13	Multi-Objective Optimization for Grinding Parameters of 20CrMnTiH Gear with Ceramic Microcrystalline Corundum. Materials, 2019, 12, 1352.	2.9	6