

# Zhi-Chao Wang

## List of Publications by Year in descending order

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13  
papers

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citations

1163117

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1125743

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all docs

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docs citations

13  
times ranked

135  
citing authors

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