

# Aibo Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2995174/publications.pdf>

Version: 2024-02-01

9  
papers

82  
citations

1684188  
5  
h-index

1588992  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

40  
citing authors

#	ARTICLE	IF	CITATIONS
1	Group maintenance optimization of subsea Xmas trees with stochastic dependency. Reliability Engineering and System Safety, 2021, 209, 107450.	8.9	27
2	Optimization of maintenances following proof tests for the final element of a safety-instrumented system. Reliability Engineering and System Safety, 2020, 196, 106779.	8.9	15
3	Study of testing and maintenance strategies for redundant final elements in SIS with imperfect detection of degraded state. Reliability Engineering and System Safety, 2021, 209, 107393.	8.9	15
4	Performance analysis of redundant safety-instrumented systems subject to degradation and external demands. Journal of Loss Prevention in the Process Industries, 2019, 62, 103946.	3.3	11
5	Adaptive testing policy for multi-state systems with application to the degrading final elements in safety-instrumented systems. Reliability Engineering and System Safety, 2022, 221, 108360.	8.9	9
6	Preventive maintenance optimization for repairable products considering two-dimensional warranty and customer satisfaction. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2019, 233, 553-566.	0.7	2
7	A Degrading Element of Safety-Instrumented Systems with Combined Maintenance Strategy. , 2019, , .		1
8	Performance evaluation of digitalized safety barriers. Methods in Chemical Process Safety, 2022, , 281-307.	1.0	1
9	Performance modeling for condition-based activation of the redundant safety system subject to harmful tests. Reliability Engineering and System Safety, 2022, 226, 108649.	8.9	1