

Alessio Misuri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2606006/publications.pdf>

Version: 2024-02-01

14
papers

294
citations

932766

10
h-index

1372195

10
g-index

15
all docs

15
docs citations

15
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of safety barrier performance in Natech scenarios. Reliability Engineering and System Safety, 2020, 193, 106597.	5.1	43
2	Lessons learnt from the impact of hurricane Harvey on the chemical and process industry. Reliability Engineering and System Safety, 2019, 190, 106521.	5.1	42
3	Quantitative risk assessment of domino effect in Natech scenarios triggered by lightning. Journal of Loss Prevention in the Process Industries, 2020, 64, 104095.	1.7	39
4	A Bayesian network methodology for optimal security management of critical infrastructures. Reliability Engineering and System Safety, 2019, 191, 106112.	5.1	33
5	Assessment of safety barrier performance in the mitigation of domino scenarios caused by Natech events. Reliability Engineering and System Safety, 2021, 205, 107278.	5.1	31
6	Assessment of risk modification due to safety barrier performance degradation in Natech events. Reliability Engineering and System Safety, 2021, 212, 107634.	5.1	31
7	A paradigm shift in the assessment of Natech scenarios in chemical and process facilities. Chemical Engineering Research and Design, 2021, 152, 338-351.	2.7	27
8	Tackling uncertainty in security assessment of critical infrastructures: Dempster-Shafer Theory vs. Credal Sets Theory. Safety Science, 2018, 107, 62-76.	2.6	22
9	A generalized equipment vulnerability model for the quantitative risk assessment of horizontal vessels involved in Natech scenarios triggered by floods. Reliability Engineering and System Safety, 2022, 223, 108504.	5.1	15
10	Technological accidents caused by floods: The case of the Saga prefecture oil spill, Japan 2019. International Journal of Disaster Risk Reduction, 2021, 66, 102634.	1.8	11
11	Mitigation of fire-induced domino scenarios. , 2021, , 271-291.		0
12	Natural events driven domino effect. Methods in Chemical Process Safety, 2021, , 183-225.	0.5	0
13	Mitigation of domino effect. Methods in Chemical Process Safety, 2021, , 227-261.	0.5	0
14	Risk Assessment of Escalation Scenarios Triggered by Extreme Flooding Events: The Role of Safety Barriers. , 2020, , .		0