Alessio Misuri

List of Publications by Year
in descending order

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	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
2	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
3	Mitigation of fire-induced domino scenarios. , 2021, , 271-291.		0
4	Natural events driven domino effect. Methods in Chemical Process Safety, 2021, , 183-225.	0.5	0
5	Assessment of risk modification due to safety barrier performance degradation in Natech events. Reliability Engineering and System Safety, 2021, 212, 107634.	5.1	31
6	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
7	Mitigation of domino effect. Methods in Chemical Process Safety, 2021, , 227-261.	0.5	0
8	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
9	Assessment of safety barrier performance in Natech scenarios. Reliability Engineering and System Safety, 2020, 193, 106597.	5.1	43
10	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
11	Risk Assessment of Escalation Scenarios Triggered by Extreme Flooding Events: The Role of Safety Barriers. , 2020, , .		0
12	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
13	A Bayesian network methodology for optimal security management of critical infrastructures. Reliability Engineering and System Safety, 2019, 191, 106112.	5.1	33
14	Tackling uncertainty in security assessment of critical infrastructures: Dempster-Shafer Theory vs. Credal Sets Theory. Safety Science, 2018, 107, 62-76.	2.6	22