

# Elisabeth Krausmann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1969768/publications.pdf>

Version: 2024-02-01

27  
papers

1,818  
citations

361413

20  
h-index

552781

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1181  
citing authors

#	ARTICLE	IF	CITATIONS
1	An economic framework for the development of a resilience index for business recovery. <i>International Journal of Disaster Risk Reduction</i> , 2013, 5, 73-83.	3.9	229
2	Impact of the 11 March 2011, Great East Japan earthquake and tsunami on the chemical industry. <i>Natural Hazards</i> , 2013, 67, 811-828.	3.4	148
3	Industrial accidents triggered by flood events: Analysis of past accidents. <i>Journal of Hazardous Materials</i> , 2010, 175, 501-509.	12.4	146
4	The impact of the 12 May 2008 Wenchuan earthquake on industrial facilities. <i>Journal of Loss Prevention in the Process Industries</i> , 2010, 23, 242-248.	3.3	130
5	Industrial accidents triggered by earthquakes, floods and lightning: lessons learned from a database analysis. <i>Natural Hazards</i> , 2011, 59, 285-300.	3.4	125
6	Damage to offshore oil and gas facilities following hurricanes Katrina and Rita: An overview. <i>Journal of Loss Prevention in the Process Industries</i> , 2008, 21, 620-626.	3.3	116
7	Vulnerability of the oil and gas sector to climate change and extreme weather events. <i>Climatic Change</i> , 2013, 121, 41-53.	3.6	108
8	Industrial accidents triggered by lightning. <i>Journal of Hazardous Materials</i> , 2010, 184, 42-48.	12.4	94
9	Industrial accidents triggered by natural hazards: an emerging risk issue. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 921-929.	3.6	94
10	A qualitative Natech damage scale for the impact of floods on selected industrial facilities. <i>Natural Hazards</i> , 2008, 46, 179-197.	3.4	86
11	Hazardous-materials releases from offshore oil and gas facilities and emergency response following Hurricanes Katrina and Rita. <i>Journal of Loss Prevention in the Process Industries</i> , 2009, 22, 59-65.	3.3	85
12	Remote sensing-based assessment of tsunami vulnerability and risk in Alexandria, Egypt. <i>Applied Geography</i> , 2012, 32, 714-723.	3.7	64
13	A model for process equipment damage probability assessment due to lightning. <i>Reliability Engineering and System Safety</i> , 2013, 115, 91-99.	8.9	58
14	Lessons learned from offshore oil and gas incidents in the Arctic and other ice-prone seas. <i>Ocean Engineering</i> , 2019, 185, 12-26.	4.3	56
15	Natech risk reduction in the European Union. <i>Journal of Risk Research</i> , 2012, 15, 1027-1047.	2.6	51
16	RAPID-N: Rapid natech risk assessment and mapping framework. <i>Journal of Loss Prevention in the Process Industries</i> , 2013, 26, 949-960.	3.3	48
17	Dealing with cascading multi-hazard risks in national risk assessment: The case of Natech accidents. <i>International Journal of Disaster Risk Reduction</i> , 2019, 35, 101072.	3.9	46
18	Natural hazard impacts on industry and critical infrastructure: Natech risk drivers and risk management performance indicators. <i>International Journal of Disaster Risk Reduction</i> , 2019, 40, 101163.	3.9	39

#	ARTICLE	IF	CITATIONS
19	Assessment of lightning impact frequency for process equipment. Reliability Engineering and System Safety, 2014, 130, 95-105.	8.9	29
20	Analysis of tsunami impact scenarios at an oil refinery. Natural Hazards, 2011, 58, 141-162.	3.4	25
21	The 3rd Global Summit of Research Institutes for Disaster Risk Reduction: Expanding the Platform for Bridging Science and Policy Making. International Journal of Disaster Risk Science, 2017, 8, 224-230.	2.9	12
22	Thinking the unthinkable: A perspective on Natech risks and Black Swans. Safety Science, 2021, 139, 105255.	4.9	10
23	Seismic risk assessment of supporting structures and process piping for accident prevention in chemical facilities. International Journal of Disaster Risk Reduction, 2022, 69, 102748.	3.9	4
24	Learning lessons from tunnel accidents – Recommendations in support of the implementation of Article 15 on Reporting of the EU Directive 2004/54/EC. Safety Science, 2010, 48, 230-237.	4.9	2
25	Onshore Natural Gas and Hazardous Liquid Pipeline Natechs in the USA: Analysis of PHMSA Incident Reports. , 2014, , .		1
26	Toward Natech Resilient Industries. Disaster and Risk Research: GADRI Book Series, 2020, , 45-64.	0.1	1
27	Other Causes of Escalation. , 2013, , 154-174.		0