

# Ana Maria Cruz

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,479  
citations

361045

20  
h-index

315357

38  
g-index

43  
all docs

43  
docs citations

43  
times ranked

940  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effects of Confidence in Government and Information on Perceived and Actual Preparedness for Disasters. <i>Environment and Behavior</i> , 2009, 41, 338-364.	2.1	176
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.	1.6	148
3	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.	1.7	130
4	Vulnerability of the oil and gas sector to climate change and extreme weather events. <i>Climatic Change</i> , 2013, 121, 41-53.	1.7	108
5	When Natural and Technological Disasters Collide: Lessons from the Turkey Earthquake of August 17, 1999. <i>Natural Hazards Review</i> , 2004, 5, 121-130.	0.8	88
6	Emerging Issues for Natech Disaster Risk Management in Europe. <i>Journal of Risk Research</i> , 2006, 9, 483-501.	1.4	86
7	Natech risk and management: an assessment of the state of the art. <i>Natural Hazards</i> , 2008, 46, 143-152.	1.6	76
8	Analysis of hazardous material releases due to natural hazards in the United States. <i>Disasters</i> , 2012, 36, 723-743.	1.1	63
9	Investigating tourists' risk information processing. <i>Annals of Tourism Research</i> , 2019, 79, 102803.	3.7	58
10	Methodology for preliminary assessment of Natech risk in urban areas. <i>Natural Hazards</i> , 2008, 46, 199-220.	1.6	47
11	Systematic literature review and qualitative meta-analysis of Natech research in the past four decades. <i>Safety Science</i> , 2019, 116, 58-77.	2.6	45
12	Industry Preparedness for Earthquakes and Earthquake-Triggered Hazmat Accidents in the 1999 Kocaeli Earthquake. <i>Earthquake Spectra</i> , 2005, 21, 285-303.	1.6	40
13	Consideration of natural hazards in the design and risk management of industrial facilities. <i>Natural Hazards</i> , 2008, 44, 213-227.	1.6	39
14	Identifying Hurricane-Induced Hazardous Material Release Scenarios in a Petroleum Refinery. <i>Natural Hazards Review</i> , 2001, 2, 203-210.	0.8	38
15	A study of accident investigation methodologies applied to the Natech events during the 2011 Great East Japan earthquake. <i>Journal of Loss Prevention in the Process Industries</i> , 2018, 51, 208-222.	1.7	27
16	Vulnerability Factors of Afghan Rural Women to Disasters. <i>International Journal of Disaster Risk Science</i> , 2019, 10, 573-590.	1.3	26
17	Analysis of tsunami impact scenarios at an oil refinery. <i>Natural Hazards</i> , 2011, 58, 141-162.	1.6	25
18	Households' Risk Perception and Behavioral Responses to Natech Accidents. <i>International Journal of Disaster Risk Science</i> , 2017, 8, 1-15.	1.3	25

#	ARTICLE	IF	CITATIONS
19	Advances in Natech research: An overview. <i>Progress in Disaster Science</i> , 2019, 1, 100013.	1.4	24
20	Promoting built-for-disaster-purpose mobile applications: An interdisciplinary literature review to increase their penetration rate among tourists. <i>Journal of Hospitality and Tourism Management</i> , 2020, 44, 193-210.	3.5	23
21	Joint Seismic and Technological Disasters: Possible Impacts and Community Preparedness in an Urban Setting. <i>Natural Hazards Review</i> , 2004, 5, 159-169.	0.8	20
22	Communicating risk to tourists: A mental models approach to identifying gaps and misperceptions. <i>Tourism Management Perspectives</i> , 2020, 33, 100615.	3.2	19
23	A survey of impact on industrial parks caused by the 2011 Great East Japan earthquake and tsunami. <i>Journal of Loss Prevention in the Process Industries</i> , 2017, 50, 317-324.	1.7	17
24	Earthquake-related Natech risk assessment using a Bayesian belief network model. <i>Structure and Infrastructure Engineering</i> , 2019, 15, 725-739.	2.0	17
25	Extracting Natech Reports from Large Databases: Development of a Semi-Intelligent Natech Identification Framework. <i>International Journal of Disaster Risk Science</i> , 2020, 11, 735-750.	1.3	13
26	The 3rd Global Summit of Research Institutes for Disaster Risk Reduction: Expanding the Platform for Bridging Science and Policy Making. <i>International Journal of Disaster Risk Science</i> , 2017, 8, 224-230.	1.3	12
27	Technological accidents caused by floods: The case of the Saga prefecture oil spill, Japan 2019. <i>International Journal of Disaster Risk Reduction</i> , 2021, 66, 102634.	1.8	11
28	Explosion at an aluminum factory caused by the July 2018 Japan floods: Investigation of damages and evacuation activities. <i>Journal of Loss Prevention in the Process Industries</i> , 2021, 69, 104352.	1.7	9
29	A paradigm shift in Natech risk management: Development of a rating system framework for evaluating the performance of industry. <i>Journal of Loss Prevention in the Process Industries</i> , 2022, 74, 104615.	1.7	8
30	Climate change and temporal-spatial variation of tropical storm-related Natechs in the United States from 1990 to 2017: Is there a link?. <i>International Journal of Disaster Risk Reduction</i> , 2021, 62, 102366.	1.8	7
31	Hazardous Materials Releases during the August 17, 1999 Earthquake in Turkey. , 2001, , 1.		5
32	Household recovery strategies in Longmen Mountain area, Sichuan, China, following the 2008 Wenchuan earthquake disaster. <i>Natural Hazards</i> , 2020, 104, 123-137.	1.6	5
33	Emerging Natech risk management in Colombia: A survey of governmental organizations. <i>Safety Science</i> , 2020, 128, 104777.	2.6	5
34	Participatory Approach to Gap Analysis between Policy and Practice Regarding Air Pollution in Ger Areas of Ulaanbaatar, Mongolia. <i>Sustainability</i> , 2020, 12, 3309.	1.6	5
35	Economic impacts caused by the failure of a maritime global critical infrastructure—a case study of chemical facility explosion in the Straits of Malacca and Singapore. <i>Journal of Transportation Security</i> , 2013, 6, 289-313.	0.9	4
36	Evacuation of vulnerable people during a Natech: a case study of a flood and factory explosion in Japan. <i>International Journal of Disaster Resilience in the Built Environment</i> , 2023, 14, 53-67.	0.7	4

#	ARTICLE	IF	CITATIONS
37	Natech Disaster Risk Reduction: Can Integrated Risk Governance Help?. , 2015, , 441-462.		4
38	Mobile Alert and Warning in the United States and Japan: Confronting the Challenges of International Harmonization. International Journal of Disaster Risk Science, 2021, 12, 928-934.	1.3	4
39	Insights on Chemical and Natech Risk Management in Japan and South Korea: A Review of Current Practices. International Journal of Disaster Risk Science, 2022, 13, 359-371.	1.3	3
40	Natech Events Triggered by Floods: When Floods Cause Technological Accidents. , 2017, , 73-87.		2
41	Toward Natech Resilient Industries. Disaster and Risk Research: GADRI Book Series, 2020, , 45-64.	0.1	1
42	Find-Natech: A GIS-based spatial management system for Natech events. International Journal of Disaster Risk Reduction, 2022, , 103028.	1.8	1