

Ana Maria Cruz

List of Publications by Year in descending order

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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	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
2	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
3	Insights on Chemical and Natech Risk Management in Japan and South Korea: A Review of Current Practices. <i>International Journal of Disaster Risk Science</i> , 2022, 13, 359-371.	1.3	3
4	Find-Natech: A GIS-based spatial management system for Natech events. <i>International Journal of Disaster Risk Reduction</i> , 2022, , 103028.	1.8	1
5	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
6	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
7	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
8	Mobile Alert and Warning in the United States and Japan: Confronting the Challenges of International Harmonization. <i>International Journal of Disaster Risk Science</i> , 2021, 12, 928-934.	1.3	4
9	Communicating risk to tourists: A mental models approach to identifying gaps and misperceptions. <i>Tourism Management Perspectives</i> , 2020, 33, 100615.	3.2	19
10	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
11	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
12	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
13	Emerging Natech risk management in Colombia: A survey of governmental organizations. <i>Safety Science</i> , 2020, 128, 104777.	2.6	5
14	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
15	Toward Natech Resilient Industries. <i>Disaster and Risk Research: CADRI Book Series</i> , 2020, , 45-64.	0.1	1
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	Advances in Natech research: An overview. <i>Progress in Disaster Science</i> , 2019, 1, 100013.	1.4	24
18	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

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19	Earthquake-related Natech risk assessment using a Bayesian belief network model. Structure and Infrastructure Engineering, 2019, 15, 725-739.	2.0	17
20	Investigating tourists' risk information processing. Annals of Tourism Research, 2019, 79, 102803.	3.7	58
21	A study of accident investigation methodologies applied to the Natech events during the 2011 Great East Japan earthquake. Journal of Loss Prevention in the Process Industries, 2018, 51, 208-222.	1.7	27
22	A survey of impact on industrial parks caused by the 2011 Great East Japan earthquake and tsunami. Journal of Loss Prevention in the Process Industries, 2017, 50, 317-324.	1.7	17
23	Households' Risk Perception and Behavioral Responses to Natech Accidents. International Journal of Disaster Risk Science, 2017, 8, 1-15.	1.3	25
24	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.	1.3	12
25	Natech Events Triggered by Floods: When Floods Cause Technological Accidents. , 2017, , 73-87.		2
26	Natech Disaster Risk Reduction: Can Integrated Risk Governance Help?. , 2015, , 441-462.		4
27	Impact of the 11 March 2011, Great East Japan earthquake and tsunami on the chemical industry. Natural Hazards, 2013, 67, 811-828.	1.6	148
28	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. Journal of Transportation Security, 2013, 6, 289-313.	0.9	4
29	Vulnerability of the oil and gas sector to climate change and extreme weather events. Climatic Change, 2013, 121, 41-53.	1.7	108
30	Analysis of hazardous material releases due to natural hazards in the United States. Disasters, 2012, 36, 723-743.	1.1	63
31	Analysis of tsunami impact scenarios at an oil refinery. Natural Hazards, 2011, 58, 141-162.	1.6	25
32	The impact of the 12 May 2008 Wenchuan earthquake on industrial facilities. Journal of Loss Prevention in the Process Industries, 2010, 23, 242-248.	1.7	130
33	The Effects of Confidence in Government and Information on Perceived and Actual Preparedness for Disasters. Environment and Behavior, 2009, 41, 338-364.	2.1	176
34	Consideration of natural hazards in the design and risk management of industrial facilities. Natural Hazards, 2008, 44, 213-227.	1.6	39
35	Natech risk and management: an assessment of the state of the art. Natural Hazards, 2008, 46, 143-152.	1.6	76
36	Methodology for preliminary assessment of Natech risk in urban areas. Natural Hazards, 2008, 46, 199-220.	1.6	47

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37	Emerging Issues for Natech Disaster Risk Management in Europe. Journal of Risk Research, 2006, 9, 483-501.	1.4	86
38	Industry Preparedness for Earthquakes and Earthquake-Triggered Hazmat Accidents in the 1999 Kocaeli Earthquake. Earthquake Spectra, 2005, 21, 285-303.	1.6	40
39	Joint Seismic and Technological Disasters: Possible Impacts and Community Preparedness in an Urban Setting. Natural Hazards Review, 2004, 5, 159-169.	0.8	20
40	When Natural and Technological Disasters Collide: Lessons from the Turkey Earthquake of August 17, 1999. Natural Hazards Review, 2004, 5, 121-130.	0.8	88
41	Identifying Hurricane-Induced Hazardous Material Release Scenarios in a Petroleum Refinery. Natural Hazards Review, 2001, 2, 203-210.	0.8	38
42	Hazardous Materials Releases during the August 17, 1999 Earthquake in Turkey. , 2001, , 1.		5