

# Josune Hernantes

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,394  
citations

471061

17  
h-index

344852

36  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1350  
citing authors

#	ARTICLE	IF	CITATIONS
1	DevOps. IEEE Software, 2016, 33, 94-100.	2.1	336
2	A holistic framework for building critical infrastructure resilience. Technological Forecasting and Social Change, 2016, 103, 21-33.	6.2	109
3	Critical infrastructure dependencies: A holistic, dynamic and quantitative approach. International Journal of Critical Infrastructure Protection, 2015, 8, 16-23.	2.9	98
4	Resilience framework for critical infrastructures: An empirical study in a nuclear plant. Reliability Engineering and System Safety, 2015, 141, 92-105.	5.1	83
5	Towards resilient cities: A maturity model for operationalizing resilience. Cities, 2019, 84, 96-103.	2.7	71
6	Towards a resilience management guideline “Cities as a starting point for societal resilience. Sustainable Cities and Society, 2019, 48, 101531.	5.1	62
7	Infrastructure as a Service and Cloud Technologies. IEEE Software, 2015, 32, 30-36.	2.1	52
8	Mobile Web Apps. IEEE Software, 2013, 30, 22-27.	2.1	44
9	Improving the resilience of disaster management organizations through virtual communities of practice: A Delphi study. Journal of Contingencies and Crisis Management, 2017, 25, 160-170.	1.6	40
10	Learning before the storm: Modeling multiple stakeholder activities in support of crisis management, a practical case. Technological Forecasting and Social Change, 2013, 80, 1742-1755.	6.2	37
11	IT Infrastructure-Monitoring Tools. IEEE Software, 2015, 32, 88-93.	2.1	35
12	A maturity model for the involvement of stakeholders in the city resilience building process. Technological Forecasting and Social Change, 2017, 121, 7-16.	6.2	35
13	Service-Oriented Architecture and Legacy Systems. IEEE Software, 2014, 31, 15-19.	2.1	32
14	Defining the roadmap towards city resilience. Technological Forecasting and Social Change, 2019, 146, 281-296.	6.2	32
15	A framework to improve the resilience of critical infrastructures. International Journal of Disaster Resilience in the Built Environment, 2015, 6, 409-423.	0.7	29
16	Guide for Climate-Resilient Cities: An Urban Critical Infrastructures Approach. Sustainability, 2019, 11, 4727.	1.6	29
17	Systematic Approach to Cyber Resilience Operationalization in SMEs. IEEE Access, 2020, 8, 174200-174221.	2.6	24
18	Defining a Cyber Resilience Investment Strategy in an Industrial Internet of Things Context. Sensors, 2019, 19, 138.	2.1	18

#	ARTICLE	IF	CITATIONS
19	Modelling methodologies for analysing critical infrastructures. <i>Journal of Simulation</i> , 2018, 12, 128-143.	1.0	17
20	Designing SaaS for Enterprise Adoption Based on Task, Company, and Value-Chain Context. <i>IEEE Internet Computing</i> , 2018, 22, 37-45.	3.2	16
21	Influence of multisensory feedback on haptic accessibility tasks. <i>Virtual Reality</i> , 2006, 10, 31-40.	4.1	15
22	Are Cities Aware Enough? A Framework for Developing City Awareness to Climate Change. <i>Sustainability</i> , 2020, 12, 2168.	1.6	14
23	Shifting to climate change aware cities to facilitate the city resilience implementation. <i>Cities</i> , 2020, 101, 102688.	2.7	13
24	Group model building: a collaborative modelling methodology applied to critical infrastructure protection. <i>International Journal of Organisational Design and Engineering</i> , 2012, 2, 41.	0.6	10
25	Enhancing resilience: implementing resilience building policies against major industrial accidents. <i>International Journal of Critical Infrastructures</i> , 2013, 9, 130.	0.1	10
26	Coming to Action: Operationalizing City Resilience. <i>Sustainability</i> , 2019, 11, 3054.	1.6	10
27	What do emergency services and authorities need from society to better handle disasters?. <i>International Journal of Disaster Risk Reduction</i> , 2022, 72, 102864.	1.8	10
28	Analysis of disasters impacts and the relevant role of critical infrastructures for crisis management improvement. <i>International Journal of Disaster Resilience in the Built Environment</i> , 2015, 6, 424-437.	0.7	9
29	Union means strength: Building city resilience through multistakeholder collaboration. <i>Journal of Contingencies and Crisis Management</i> , 2018, 26, 385-393.	1.6	9
30	Cyber Resilience Progression Model. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7393.	1.3	9
31	The Standardization Process as a Chance for Conceptual Refinement of a Disaster Risk Management Framework: The ARCH Project. <i>Sustainability</i> , 2021, 13, 12276.	1.6	9
32	The Role of Critical Infrastructures'™ Interdependencies on the Impacts Caused by Natural Disasters. <i>Lecture Notes in Computer Science</i> , 2013, , 50-61.	1.0	8
33	Cyber Resilience Self-Assessment Tool (CR-SAT) for SMEs. <i>IEEE Access</i> , 2021, 9, 80741-80762.	2.6	7
34	Collaborative Modeling of Awareness in Critical Infrastructure Protection. , 2011, , .		6
35	Resilience Building Policies and their Influence in Crisis Prevention, Absorption and Recovery. <i>Journal of Homeland Security and Emergency Management</i> , 2013, 10, .	0.2	6
36	Implementation Methodology of the Resilience Framework. , 2014, , .		5

#	ARTICLE	IF	CITATIONS
37	A Good Practice for Integrating Stakeholders through Standardizationâ€™The Case of the Smart Mature Resilience Project. Sustainability, 2021, 13, 9000.	1.6	5
38	Three complementary approaches for crisis management. International Journal of Emergency Management, 2012, 8, 245.	0.2	4
39	The Order of the Factors DOES Alter the Product: Cyber Resilience Policiesâ€™ Implementation Order. Advances in Intelligent Systems and Computing, 2021, , 306-315.	0.5	4
40	Collision Problem: Characteristics for a Taxonomy. , 0, , .		2
41	Steering Security through Measurement. Lecture Notes in Computer Science, 2009, , 95-104.	1.0	2
42	Collaborative Methodology for Crisis Management Knowledge Integration and Visualization. Communications in Computer and Information Science, 2012, , 105-116.	0.4	2
43	Policies to Improve Resilience against Major Industrial Accidents. Lecture Notes in Computer Science, 2013, , 187-199.	1.0	2
44	Building City Resilience Through Collaborative Networks: A Literature Review. Lecture Notes in Business Information Processing, 2016, , 131-142.	0.8	2
45	Evaluation of sensory substitution to simplify the mechanical design of a haptic wrist. , 2008, , .		1
46	Haptic Wrists: An Alternative Design Strategy Based on User Perception. Journal of Computing and Information Science in Engineering, 2009, 9, .	1.7	1
47	A Group Model Building Approach for Identifying Simulation Scenarios in Critical Infrastructure. , 2010, , .		1
48	Improving the Crisis to Crisis Learning Process. International Journal of Information Systems for Crisis Response and Management, 2014, 6, 38-52.	0.7	1
49	Towards Understanding Recurring Large Scale Power Outages: An Endogenous View of Inter-organizational Effects. Lecture Notes in Computer Science, 2011, , 43-54.	1.0	1
50	Resilience: Approach, Definition and Building Policies. Communications in Computer and Information Science, 2012, , 509-512.	0.4	1
51	Improving the Crisis to Crisis Learning Process. , 2013, , .		0
52	Cyber Resilience Strategic Planning and Self-assessment Tool for Operationalization in SMEs. IFIP Advances in Information and Communication Technology, 2021, , 259-273.	0.5	0
53	From pre-crisis to post-crisis going through the peak. , 2011, , 2500-2507.		0
54	Creating and Testing Holistic Crisis Management Strategies: The Crisis Management Balanced Scorecard and Systems Modelling. Communications in Computer and Information Science, 2012, , 261-264.	0.4	0

#	ARTICLE	IF	CITATIONS
55	LAS INFRAESTRUCTURAS CRÍTICAS, MÁS CRÍTICAS EN TIEMPOS DE CRISIS. Dyna (Spain), 2014, 89, 510-517.	0.1	0