Antonio De Nicola

List of Publications by Year
in descending order

40 papers	738 citations	840119 11 h-index	552369 26 g-index
43 all docs	43 docs citations	43 times ranked	601 citing authors

#	Article	IF	Citations
1	A Knowledge Graph to Digitalise Functional Resonance Analyses in the Safety Area. Contributions To Management Science, 2022, , 259-269.	0.4	2
2	Assessment of gender divide in scientific communities. Scientometrics, 2021, 126, 3807-3840.	1.6	6
3	WAx: An integrated conceptual framework for the analysis of cyber-socio-technical systems. Safety Science, 2021, 136, 105142.	2.6	46
4	Smart City Ontologies and Their Applications: A Systematic Literature Review. Sustainability, 2021, 13, 5578.	1.6	32
5	Knowledge, semantics and AI for risk and crisis management. Journal of Contingencies and Crisis Management, 2020, 28, 174-177.	1.6	4
6	A comprehensive system for semantic spatiotemporal assessment of risk in urban areas. Journal of Contingencies and Crisis Management, 2020, 28, 178-193.	1.6	12
7	Crowd Sensitive Indicators for Proactive Safety Management: A Theoretical Framework. , 2020, , .		3
8	Gamified Decision Making for a Participatory Post-Crisis Recovery: A Model based Process. , 2020, , .		3
9	Analysis of Gender Diversity in the Italian Community of Information Systems. Lecture Notes in Information Systems and Organisation, 2019, , 97-109.	0.4	0
10	OntoGamif: A modular ontology for integrated gamification. Applied Ontology, 2019, 14, 215-249.	1.0	11
11	Serious games for industrial safety: An approach for developing resilience early warning indicators. Safety Science, 2019, 118, 316-331.	2.6	39
12	Creative design of emergency management scenarios driven by semantics: An application to smart cities. Information Systems, 2019, 81, 21-48.	2.4	37
13	Semantic Modeling of Cascading Risks in Interoperable Socio-technical Systems. Proceedings of the I-ESA Conference, 2019, , 119-129.	0.4	3
14	Gamified Software to Support the Design of Business Innovation. Information (Switzerland), 2018, 9, 324.	1.7	6
15	M-CREAM: A Tool for Creative Modelling of Emergency Scenarios in Smart Cities. Lecture Notes in Computer Science, 2018, , 83-88.	1.0	2
16	A Gamified Approach to Participatory Modelling of Water System Risks. Lecture Notes in Computer Science, 2018, , 168-180.	1.0	1
17	Creative Sparks for Collaborative Innovation. Lecture Notes in Information Systems and Organisation, 2018, , 109-124.	0.4	0
18	A Flexible Architecture for Cognitive Sensing of Activities in Ambient Assisted Living. , 2017, , .		14

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19	Enhancing Creativity in Risk Assessment ofÂComplex Sociotechnical Systems. Lecture Notes in Computer Science, 2017, , 294-309.	1.0	6
20	Building climate change into risk assessments. Natural Hazards, 2016, 84, 1307-1325.	1.6	24
21	Towards Temporal Analysis of Integrated Scenarios for Sustainable Innovation. Lecture Notes in Computer Science, 2016, , 544-551.	1.0	1
22	Interests diffusion on a semantic multiplex. European Physical Journal: Special Topics, 2016, 225, 2033-2045.	1.2	1
23	A methodology for modeling and measuring interdependencies of information and communications systems used for public administration and eGovernment services. International Journal of Critical Infrastructure Protection, 2016, 14, 18-27.	2.9	7
24	Interests Propagation in Computer Science Research Community. Springer Proceedings in Complexity, 2016, , 129-140.	0.2	0
25	A lightweight methodology for rapid ontology engineering. Communications of the ACM, 2016, 59, 79-86.	3.3	88
26	Interests diffusion in social networks. Physica A: Statistical Mechanics and Its Applications, 2015, 436, 443-461.	1.2	23
27	Semantics-based services for a low carbon society: An application onÂemissions trading system data and scenarios management. Environmental Modelling and Software, 2015, 64, 124-142.	1.9	11
28	A Platform for Measuring Susceptibility and Authority of Social Network Members. Lecture Notes in Computer Science, 2015, , 536-545.	1.0	2
29	A Semantics-Based Approach to Generation of Emergency Management Scenario Models. Proceedings of the I-ESA Conference, 2014, , 163-173.	0.4	4
30	A Lateral Thinking Framework for Semantic Modelling of Emergencies in Smart Cities. Lecture Notes in Computer Science, 2014, , 334-348.	1.0	5
31	Semantic Modeling of the Emissions Trading System. , 2013, , .		0
32	Towards ontological foundations of knowledge related to the emissions trading system. , 2013, , .		1
33	A DOMAIN SPECIFIC LANGUAGE FOR THE DESCRIPTION AND THE SIMULATION OF SYSTEMS OF INTERACTING SYSTEMS. International Journal of Modeling, Simulation, and Scientific Computing, 2012, 15, 1250072.	0.9	5
34	Towards a method for business process and informal business rules compliance. Journal of Software: Evolution and Process, 2012, 24, 341-360.	1.2	5
35	eGovernment Ontologies: Social Participation in Building and Evolution. , 2010, , .		9
36	A software engineering approach to ontology building. Information Systems, 2009, 34, 258-275.	2.4	229

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37	Semantic Lifting of Business Process Models. , 2008, , .		12
38	Practical Issues in Ontology Modeling: The Case of Defence Conceptual Modeling Framework-Ontology. , 2007, , 265-274.		2
39	A Proposal for a Unified Process for Ontology Building: UPON. Lecture Notes in Computer Science, 2005, , 655-664.	1.0	66
40	Towards an Ontological Support for eLearning Courses. Lecture Notes in Computer Science, 2004, , 773-777.	1.0	10