Paolo Trucco

List of Publications by Year
in descending order

38 papers	1,151 citations	516710 16 h-index	395702 33 g-index
39 all docs	39 docs citations	39 times ranked	1277 citing authors

#	Article	IF	Citations
1	A Bayesian Belief Network modelling of organisational factors in risk analysis: A case study in maritime transportation. Reliability Engineering and System Safety, 2008, 93, 845-856.	8.9	373
2	Cleaner production and profitability: analysis of 134 industrial pollution prevention (P2) project reports. Journal of Cleaner Production, 2005, 13, 593-605.	9.3	80
3	Modelling and assessment of dependent performance shaping factors through Analytic Network Process. Reliability Engineering and System Safety, 2011, 96, 849-860.	8.9	67
4	Understanding dynamism and complexity factors in engineer-to-order and their influence on lean implementation strategy. Production Planning and Control, 2016, 27, 345-359.	8.8	65
5	Applying failure mode effects and criticality analysis in radiotherapy: Lessons learned and perspectives of enhancement. Radiotherapy and Oncology, 2010, 94, 367-374.	0.6	57
6	Dynamic functional modelling of vulnerability and interoperability of Critical Infrastructures. Reliability Engineering and System Safety, 2012, 105, 51-63.	8.9	56
7	The transformation to a circular economy: framing an evolutionary view. Journal of Evolutionary Economics, 2021, 31, 475-504.	1.7	54
8	Eco-efficiency for sustainable manufacturing: an extended environmental costing method. Production Planning and Control, 2012, 23, 134-144.	8.8	41
9	A quantitative approach to clinical risk assessment: The CREA method. Safety Science, 2006, 44, 491-513.	4.9	40
10	Risk analysis of underground infrastructures in urban areas. Reliability Engineering and System Safety, 2011, 96, 139-148.	8.9	35
11	Human Reliability Analysis (HRA) in surgery: Identification and assessment of Influencing Factors. Safety Science, 2018, 110, 110-123.	4.9	29
12	A probabilistic cognitive simulator for HRA studies (PROCOS). Reliability Engineering and System Safety, 2007, 92, 1117-1130.	8.9	28
13	The business perspective on materials criticality: Evidence from manufacturers. Resources Policy, 2016, 50, 93-107.	9.6	25
14	Internal Visibility of External Supplier Risks and the Dynamics of Risk Management Silos. IEEE Transactions on Engineering Management, 2016, 63, 451-461.	3.5	24
15	Integrated green and quality function deployment. International Journal of Product Lifecycle Management, 2007, 2, 64.	0.3	21
16	Quantitative analysis of ATM safety issues using retrospective accident data: The dynamic risk modelling project. Safety Science, 2009, 47, 250-264.	4.9	16
17	A methodology for Dynamic Human Reliability Analysis in Robotic Surgery. Applied Ergonomics, 2020, 88, 103150.	3.1	14
18	Topological risk mapping of runway overruns: A probabilistic approach. Reliability Engineering and System Safety, 2015, 142, 433-443.	8.9	13

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19	Integrated Risk Management through dynamic capabilities within project-based organizations: The Company Dynamic Response Map. Risk Management, 2013, 15, 50-77.	2.3	10
20	Information sharing and collaboration for critical infrastructure resilience - a comprehensive review on barriers and emerging capabilities. International Journal of Critical Infrastructures, 2013, 9, 304.	0.2	10
21	Analysing the attractiveness, availability and accessibility of healthcare providers via social network analysis (SNA). Decision Support Systems, 2019, 120, 25-37.	5.9	10
22	Towards a Taxonomy of Influencing Factors for Human Reliability Analysis (HRA) Applications in Surgery. Procedia Manufacturing, 2015, 3, 144-151.	1.9	8
23	Modularization as a system life cycle management strategy: Drivers, barriers, mechanisms and impacts. International Journal of Engineering Business Management, 2019, 11, 184797901882504.	3.7	8
24	Resilience capacities assessment for critical infrastructures disruption: the READ framework (part 1). International Journal of Critical Infrastructures, 2018, 14, 199.	0.2	7
25	Managing Structural Tensions in the Transition to the Circular Economy: the Case of Electric Vehicle Batteries. Circular Economy and Sustainability, 2022, 2, 1157-1185.	5.5	7
26	Resilience of Critical Infrastructures: Benefits and Challenges from Emerging Practices and Programmes at Local Level. NATO Science for Peace and Security Series C: Environmental Security, 2017, , 225-286.	0.2	6
27	Covid-19 Massive Vaccination Center Layouts. Acta Biomedica, 2021, 92, e2021446.	0.3	6
28	Statistical evaluation of occupational noise exposure. Applied Acoustics, 2005, 66, 297-318.	3.3	5
29	Risk Sources Affecting the Asset Management Decision-Making Process in Manufacturing: A Systematic Review of the Literature. IFIP Advances in Information and Communication Technology, 2019, , 274-282.	0.7	5
30	Assessing supply chain dependency on critical infrastructures using fuzzy cognitive maps. International Journal of Risk Assessment and Management, 2011, 15, 149.	0.1	4
31	Assessing Hospital Adaptive Resource Allocation Strategies in Responding to Mass Casualty Incidents. Disaster Medicine and Public Health Preparedness, 2022, 16, 1105-1115.	1.3	4
32	Emergency management capabilities of interdependent systems: framework for analysis. Environment Systems and Decisions, 2022, 42, 149-176.	3.4	3
33	Assessing Hospital Adaptive Resource Allocation Strategies in Responding to Mass Casualty Incidents. Disaster Medicine and Public Health Preparedness, 2021, , 1-9.	1.3	2
34	Resilience capacities assessment for critical infrastructures disruption: READ pilot applications (part) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	1
35	Collaborative capability building for critical infrastructure resilience: assessment and selection of good practices. Environment Systems and Decisions, 0, , 1.	3.4	1
36	The impact of business continuity management on the components of supply chain resilience: A quantitative analysis.. Journal of Business Continuity & Emergency Planning, 2020, 15, 182-195.	0.3	0

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37	The impact of business continuity management on the components of supply chain resilience: A quantitative analysis.. Journal of Business Continuity & Emergency Planning, 2021, 15, 182-195.	0.3	0
38	Mathematical modelling of proton migration in Earth mantle. Mathematical Modelling of Natural Phenomena, 0, , .	2.4	0