Giulio Di Gravio

List of Publications by Year
in descending order

54 papers	1,706 citations	304743 22 h-index	289244 40 g-index
54 all docs	54 docs citations	54 times ranked	1307 citing authors

#	Article	IF	Citations
1	Business Intelligence for IT Governance of a Technology Company. Data, 2022, 7, 2.	2.3	3
2	An Optimization Model for the Design of a Sustainable Municipal Solid Waste Management System. Sustainability, 2022, 14, 6345.	3.2	7
3	Learning from Incidents in Socio-Technical Systems: A Systems-Theoretic Analysis in the Railway Sector. Infrastructures, 2022, 7, 90.	2.8	1
4	New trends in product service system and servitization research: A conceptual structure emerging from three decades of literature. CIRP Journal of Manufacturing Science and Technology, 2021, 32, 424-436.	4.5	14
5	The chimera of time: Exploring the functional properties of an emergency response room in action. Journal of Contingencies and Crisis Management, 2021, 29, 399-415.	2.8	4
6	Surveying work-as-done in post-operative delirium risk factors collection and diagnosis monitoring. Applied Ergonomics, 2021, 92, 103347.	3.1	5
7	WAx: An integrated conceptual framework for the analysis of cyber-socio-technical systems. Safety Science, 2021, 136, 105142.	4.9	46
8	Unveil key functions in socio-technical systems: mapping FRAM into a multilayer network. Cognition, Technology and Work, 2020, 22, 877-899.	3.0	21
9	Learning from Incidents: A Supply Chain Management Perspective in Military Environments. Sustainability, 2020, 12, 5750.	3.2	3
10	Analysis of Variance Amplification and Service Level in a Supply Chain with Correlated Demand. Sustainability, 2020, 12, 6470.	3.2	5
11	Machine learning for anomaly detection and process phase classification to improve safety and maintenance activities. Journal of Manufacturing Systems, 2020, 56, 117-132.	13.9	57
12	Coordinating of multi-echelon supply chains through the generalized (R, S) policy. Simulation, 2020, 96, 767-778.	1.8	3
13	Condition-Based Maintenance—An Extensive Literature Review. Machines, 2020, 8, 31.	2.2	42
14	A BIM-based PSS Approach for the Management of Maintenance Operations of Building Equipment. Buildings, 2019, 9, 139.	3.1	44
15	A System-Approach for Recoverable Spare Parts Management Using the Discrete Weibull Distribution. Sustainability, 2019, 11, 5180.	3.2	7
16	Risk, safety, reliability and satellites: Chronicles of a fragmented research field. Journal of Space Safety Engineering, 2019, 6, 201-211.	0.9	4
17	Systemic safety management in anesthesiological practices. Safety Science, 2019, 120, 850-864.	4.9	12
18	A new efficient collaboration model for multi-echelon supply chains. Expert Systems With Applications, 2019, 128, 54-66.	7.6	12

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19	Functional modeling in safety by means of foundational ontologies. Transportation Research Procedia, 2019, 43, 290-299.	1.5	9
20	About Spare Parts Cannibalization for Rotable Items a Preliminary Approach for Inventory Control. , 2019, , .		0
21	Product service-systems implementation: A customized framework to enhance sustainability and customer satisfaction. Journal of Cleaner Production, 2018, 188, 387-401.	9.3	97
22	Resilience engineering: Current status of the research and future challenges. Safety Science, 2018, 102, 79-100.	4.9	232
23	Spare parts management for irregular demand items. Omega, 2018, 81, 57-66.	5.9	36
24	An Analytic Framework to Assess Organizational Resilience. Safety and Health at Work, 2018, 9, 265-276.	0.6	65
25	A multicountry comparative survey about organizational resilience in anaesthesia. Journal of Evaluation in Clinical Practice, 2018, 24, 1347-1357.	1.8	14
26	Defining the functional resonance analysis space: Combining Abstraction Hierarchy and FRAM. Reliability Engineering and System Safety, 2017, 165, 34-46.	8.9	72
27	A Monte Carlo evolution of the Functional Resonance Analysis Method (FRAM) to assess performance variability in complex systems. Safety Science, 2017, 91, 49-60.	4.9	138
28	myFRAM: An open tool support for the functional resonance analysis method. , 2017, , .		15
29	Resilience engineering to assess risks for the air traffic management system: a new systemic method. International Journal of Reliability and Safety, 2016, 10, 323.	0.2	11
30	Assessing performance variability of ground handlers to comply with airport quality standards. Journal of Air Transport Management, 2016, 57, 1-6.	4.5	1
31	Change management in the ATM system: integrating information in the preliminary system safety assessment. International Journal of Applied Decision Sciences, 2016, 9, 121.	0.3	13
32	Inventory optimization for a customer airline in a Performance Based Contract. Journal of Air Transport Management, 2016, 57, 206-216.	4.5	22
33	Inventory model for a multi-echelon system with unidirectional lateral transshipment. Expert Systems With Applications, 2016, 65, 372-382.	7.6	35
34	Overall safety performance of the Air Traffic Management system: The Italian ANSP's experience on APF. Research in Transportation Business and Management, 2016, 20, 3-12.	2.9	18
35	Smoothing inventory decision rules in seasonal supply chains. Expert Systems With Applications, 2016, 44, 304-319.	7.6	19
36	The impact of information sharing on ordering policies to improve supply chain performances. Computers and Industrial Engineering, 2015, 82, 127-142.	6.3	59

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37	Overall safety performance of the air traffic management system: Indicators and analysis. Journal of Air Transport Management, 2015, 44-45, 65-69.	4.5	28
38	Project selection in project portfolio management: An artificial neural network model based on critical success factors. International Journal of Project Management, 2015, 33, 1744-1754.	5.6	123
39	Overall safety performance of Air Traffic Management system: Forecasting and monitoring. Safety Science, 2015, 72, 351-362.	4.9	53
40	A real-time SPC inventory replenishment system to improve supply chain performances. Expert Systems With Applications, 2015, 42, 1665-1683.	7.6	24
41	SPC forecasting system to mitigate the bullwhip effect and inventory variance in supply chains. Expert Systems With Applications, 2015, 42, 1773-1787.	7.6	33
42	Scheduling Mixed-Model Production on Multiple Assembly Lines with Shared Resources Using Genetic Algorithms: The Case Study of a Motorbike Company. Advances in Decision Sciences, 2014, 2014, 1-11.	1.2	8
43	Replenishment policy based on information sharing to mitigate the severity of supply chain disruption. International Journal of Logistics Systems and Management, 2014, 18, 3.	0.2	31
44	The impact of information sharing and inventory control coordination on supply chain performances. Computers and Industrial Engineering, 2014, 76, 292-306.	6.3	70
45	Multi-criteria logistics distribution network design for mass customisation. International Journal of Applied Decision Sciences, 2014, 7, 151.	0.3	9
46	Multi-echelon, multi-indenture spare parts inventory control subject to system availability and budget constraints. Reliability Engineering and System Safety, 2013, 119, 95-101.	8.9	57
47	Return on quality: Simulating customer retention in a flight firming project. Journal of Air Transport Management, 2013, 27, 20-24.	4.5	4
48	Information sharing policies based on tokens to improve supply chain performances. International Journal of Logistics Systems and Management, 2013, 14, 133.	0.2	29
49	Exploring the Bullwhip Effect and Inventory Stability in a Seasonal Supply Chain. International Journal of Engineering Business Management, 2013, 5, 23.	3.7	21
50	A simulation based game approach for teaching operations management topics. , 2012, , .		9
51	Knowledge Management integration in Occupational Health and Safety systems in the construction industry. International Journal of Product Development, 2011, 14, 165.	0.2	25
52	Multistage bilateral bargaining model with incomplete information—A fuzzy approach. International Journal of Production Economics, 2009, 117, 235-243.	8.9	25
53	Environmental Chains for Secondary Raw Materials to Reduce Production Wastes through Reuse and Recycle. Applied Mechanics and Materials, 0, 295-298, 1714-1719.	0.2	0
54	Integrating Environmental Assessment of Failure Modes in Maintenance Planning of Production Systems. Applied Mechanics and Materials, 0, 295-298, 651-660.	0.2	11