Giulio Di Gravio

List of Publications by Year
in descending order

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

#	Article	IF	Citations
1	Resilience engineering: Current status of the research and future challenges. Safety Science, 2018, 102, 79-100.	4.9	232
2	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
3	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
4	Product service-systems implementation: A customized framework to enhance sustainability and customer satisfaction. Journal of Cleaner Production, 2018, 188, 387-401.	9.3	97
5	Defining the functional resonance analysis space: Combining Abstraction Hierarchy and FRAM. Reliability Engineering and System Safety, 2017, 165, 34-46.	8.9	72
6	The impact of information sharing and inventory control coordination on supply chain performances. Computers and Industrial Engineering, 2014, 76, 292-306.	6.3	70
7	An Analytic Framework to Assess Organizational Resilience. Safety and Health at Work, 2018, 9, 265-276.	0.6	65
8	The impact of information sharing on ordering policies to improve supply chain performances. Computers and Industrial Engineering, 2015, 82, 127-142.	6.3	59
9	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
10	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
11	Overall safety performance of Air Traffic Management system: Forecasting and monitoring. Safety Science, 2015, 72, 351-362.	4.9	53
12	WAx: An integrated conceptual framework for the analysis of cyber-socio-technical systems. Safety Science, 2021, 136, 105142.	4.9	46
13	A BIM-based PSS Approach for the Management of Maintenance Operations of Building Equipment. Buildings, 2019, 9, 139.	3.1	44
14	Condition-Based Maintenance—An Extensive Literature Review. Machines, 2020, 8, 31.	2.2	42
15	Spare parts management for irregular demand items. Omega, 2018, 81, 57-66.	5.9	36
16	Inventory model for a multi-echelon system with unidirectional lateral transshipment. Expert Systems With Applications, 2016, 65, 372-382.	7.6	35
17	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
18	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

#	Article	IF	Citations
19	Information sharing policies based on tokens to improve supply chain performances. International Journal of Logistics Systems and Management, 2013, 14, 133.	0.2	29
20	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
21	Multistage bilateral bargaining model with incomplete information—A fuzzy approach. International Journal of Production Economics, 2009, 117, 235-243.	8.9	25
22	Knowledge Management integration in Occupational Health and Safety systems in the construction industry. International Journal of Product Development, 2011, 14, 165.	0.2	25
23	A real-time SPC inventory replenishment system to improve supply chain performances. Expert Systems With Applications, 2015, 42, 1665-1683.	7.6	24
24	Inventory optimization for a customer airline in a Performance Based Contract. Journal of Air Transport Management, 2016, 57, 206-216.	4.5	22
25	Exploring the Bullwhip Effect and Inventory Stability in a Seasonal Supply Chain. International Journal of Engineering Business Management, 2013, 5, 23.	3.7	21
26	Unveil key functions in socio-technical systems: mapping FRAM into a multilayer network. Cognition, Technology and Work, 2020, 22, 877-899.	3.0	21
27	Smoothing inventory decision rules in seasonal supply chains. Expert Systems With Applications, 2016, 44, 304-319.	7.6	19
28	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
29	myFRAM: An open tool support for the functional resonance analysis method. , 2017, , .		15
30	A multicountry comparative survey about organizational resilience in anaesthesia. Journal of Evaluation in Clinical Practice, 2018, 24, 1347-1357.	1.8	14
31	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
32	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
33	Systemic safety management in anesthesiological practices. Safety Science, 2019, 120, 850-864.	4.9	12
34	A new efficient collaboration model for multi-echelon supply chains. Expert Systems With Applications, 2019, 128, 54-66.	7.6	12
35	Integrating Environmental Assessment of Failure Modes in Maintenance Planning of Production Systems. Applied Mechanics and Materials, 0, 295-298, 651-660.	0.2	11
36	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

#	Article	IF	Citations
37	A simulation based game approach for teaching operations management topics. , 2012, , .		9
38	Multi-criteria logistics distribution network design for mass customisation. International Journal of Applied Decision Sciences, 2014, 7, 151.	0.3	9
39	Functional modeling in safety by means of foundational ontologies. Transportation Research Procedia, 2019, 43, 290-299.	1.5	9
40	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
41	A System-Approach for Recoverable Spare Parts Management Using the Discrete Weibull Distribution. Sustainability, 2019, 11, 5180.	3.2	7
42	An Optimization Model for the Design of a Sustainable Municipal Solid Waste Management System. Sustainability, 2022, 14, 6345.	3.2	7
43	Analysis of Variance Amplification and Service Level in a Supply Chain with Correlated Demand. Sustainability, 2020, 12, 6470.	3.2	5
44	Surveying work-as-done in post-operative delirium risk factors collection and diagnosis monitoring. Applied Ergonomics, 2021, 92, 103347.	3.1	5
45	Return on quality: Simulating customer retention in a flight firming project. Journal of Air Transport Management, 2013, 27, 20-24.	4.5	4
46	Risk, safety, reliability and satellites: Chronicles of a fragmented research field. Journal of Space Safety Engineering, 2019, 6, 201-211.	0.9	4
47	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
48	Learning from Incidents: A Supply Chain Management Perspective in Military Environments. Sustainability, 2020, 12, 5750.	3.2	3
49	Coordinating of multi-echelon supply chains through the generalized (R, S) policy. Simulation, 2020, 96, 767-778.	1.8	3
50	Business Intelligence for IT Governance of a Technology Company. Data, 2022, 7, 2.	2.3	3
51	Assessing performance variability of ground handlers to comply with airport quality standards. Journal of Air Transport Management, 2016, 57, 1-6.	4.5	1
52	Learning from Incidents in Socio-Technical Systems: A Systems-Theoretic Analysis in the Railway Sector. Infrastructures, 2022, 7, 90.	2.8	1
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	About Spare Parts Cannibalization for Rotable Items a Preliminary Approach for Inventory Control. , 2019, , .		0