

Georges Abdul-Nour

List of Publications by Year in descending order

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27
papers

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759233

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29
all docs

29
docs citations

29
times ranked

326
citing authors

#	ARTICLE	IF	CITATIONS
1	The Impact of Water Hammer on Hydraulic Power Units. <i>Energies</i> , 2022, 15, 1526.	3.1	6
2	Implementation of Industry 4.0 Principles and Tools: Simulation and Case Study in a Manufacturing SME. <i>Sustainability</i> , 2022, 14, 6336.	3.2	18
3	Agility and Industry 4.0 Implementation Strategy in a Quebec Manufacturing SME. <i>Sustainability</i> , 2022, 14, 7884.	3.2	9
4	Practices and needs of machinery designers and manufacturers in safety of machinery: An exploratory study in the province of Quebec, Canada. <i>Safety Science</i> , 2021, 133, 105011.	4.9	8
5	Global Methodology for Electrical Utilities Maintenance Assessment Based on Risk-Informed Decision Making. <i>Sustainability</i> , 2021, 13, 9091.	3.2	12
6	Industry 4.0 Contribution to Asset Management in the Electrical Industry. <i>Sustainability</i> , 2021, 13, 10369.	3.2	13
7	Development of a Resilience Management Framework Adapted to Complex Asset Systems: Hydro-Québec Research Chair on Asset Management. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 126-136.	0.4	4
8	Evaluation of the influence parameters of Industry 4.0 and their impact on the Quebec manufacturing SMEs: The first findings. <i>Cogent Engineering</i> , 2020, 7, 1771818.	2.2	10
9	Comparison of Multi-Criteria Group Decision-Making Methods for Urban Sewer Network Plan Selection. <i>CivilEng</i> , 2020, 1, 26-48.	1.4	38
10	Risk-informed decision-making in asset management as a complex adaptive system of systems. <i>International Journal of Strategic Engineering Asset Management</i> , 2019, 3, 198.	0.6	12
11	Optimization via Computer Simulation of a Mixed Assembly Line of Wooden Furniture - A Case Study. <i>Procedia Manufacturing</i> , 2019, 39, 956-963.	1.9	2
12	Development of a Digital Performance Assessment Model for Quebec Manufacturing SMEs. <i>Procedia Manufacturing</i> , 2019, 38, 1085-1094.	1.9	14
13	Étude du potentiel de l'Industrie 4.0 quant à la transformation de la PME manufacturière québécoise : Une analyse littéraire et expérimentale. <i>Connaissance Industrielle Et Productive</i> , 2019, 2, .	0.4	3
14	Optimization of the emergency department in hospitals using simulation and experimental design: Case study. <i>Procedia Manufacturing</i> , 2018, 17, 878-885.	1.9	7
15	Optimization of the emergency department in hospitals using simulation and experimental design: Case study. , 2017, , .		2
16	Risks of extreme and rare events in Asset Management. <i>Safety Science</i> , 2016, 88, 129-145.	4.9	60
17	Equipment failures and their contribution to industrial incidents and accidents in the manufacturing industry. <i>International Journal of Occupational Safety and Ergonomics</i> , 2016, 22, 131-141.	1.9	22
18	An approach for strategic planning and asset management in the mining industry in the context of business and operational complexity. <i>International Journal of Mining and Mineral Engineering</i> , 2015, 6, 338.	0.3	14

#	ARTICLE	IF	CITATIONS
19	Forecast emergency room visits – a major diagnostic categories based approach. International Journal of Metrology and Quality Engineering, 2015, 6, 204.	1.0	8
20	INVESTIGATION OF THE ADOPTION AND USE OF STANDARDS AND REGULATIONS BY MACHINERY MANUFACTURERS. International Journal of Reliability, Quality and Safety Engineering, 2012, 19, 1250015.	0.6	2
21	SME and quality performance in networking environment. Computers and Industrial Engineering, 2004, 46, 905-909.	6.3	11
22	Probabilistic safety assessment and reliability based maintenance policies: application to the emergency diesel generators of a nuclear power plant. Computers and Industrial Engineering, 2002, 42, 433-438.	6.3	11
23	Mixed production, flexibility and SME. Computers and Industrial Engineering, 1999, 37, 429-432.	6.3	29
24	Adaptation of jit philosophy and kanban technique to a small-sized manufacturing firm; a project management approach. Computers and Industrial Engineering, 1998, 35, 419-422.	6.3	32
25	Manufacturing flexibility: SMT factors study. Computers and Industrial Engineering, 1997, 33, 361-364.	6.3	4
26	Physically reconfigurable virtual cells: A dynamic model for a highly dynamic environment. Computers and Industrial Engineering, 1995, 29, 221-225.	6.3	125
27	On some factors affecting the just-in-time production system output variability: A simulation study using Taguchi technique. Computers and Industrial Engineering, 1993, 25, 461-464.	6.3	5