

# Georges Abdul-Nour

## List of Publications by Year in descending order

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27  
papers

484  
citations

759233

12  
h-index

713466

21  
g-index

29  
all docs

29  
docs citations

29  
times ranked

326  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physically reconfigurable virtual cells: A dynamic model for a highly dynamic environment. Computers and Industrial Engineering, 1995, 29, 221-225.	6.3	125
2	Risks of extreme and rare events in Asset Management. Safety Science, 2016, 88, 129-145.	4.9	60
3	Comparison of Multi-Criteria Group Decision-Making Methods for Urban Sewer Network Plan Selection. CivilEng, 2020, 1, 26-48.	1.4	38
4	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
5	Mixed production, flexibility and SME. Computers and Industrial Engineering, 1999, 37, 429-432.	6.3	29
6	Equipment failures and their contribution to industrial incidents and accidents in the manufacturing industry. International Journal of Occupational Safety and Ergonomics, 2016, 22, 131-141.	1.9	22
7	Implementation of Industry 4.0 Principles and Tools: Simulation and Case Study in a Manufacturing SME. Sustainability, 2022, 14, 6336.	3.2	18
8	An approach for strategic planning and asset management in the mining industry in the context of business and operational complexity. International Journal of Mining and Mineral Engineering, 2015, 6, 338.	0.3	14
9	Development of a Digital Performance Assessment Model for Quebec Manufacturing SMEs. Procedia Manufacturing, 2019, 38, 1085-1094.	1.9	14
10	Industry 4.0 Contribution to Asset Management in the Electrical Industry. Sustainability, 2021, 13, 10369.	3.2	13
11	Risk-informed decision-making in asset management as a complex adaptive system of systems. International Journal of Strategic Engineering Asset Management, 2019, 3, 198.	0.6	12
12	Global Methodology for Electrical Utilities Maintenance Assessment Based on Risk-Informed Decision Making. Sustainability, 2021, 13, 9091.	3.2	12
13	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
14	SME and quality performance in networking environment. Computers and Industrial Engineering, 2004, 46, 905-909.	6.3	11
15	Evaluation of the influence parameters of Industry 4.0 and their impact on the Quebec manufacturing SMEs: The first findings. Cogent Engineering, 2020, 7, 1771818.	2.2	10
16	Agility and Industry 4.0 Implementation Strategy in a Quebec Manufacturing SME. Sustainability, 2022, 14, 7884.	3.2	9
17	Forecast emergency room visits "a major diagnostic categories based approach. International Journal of Metrology and Quality Engineering, 2015, 6, 204.	1.0	8
18	Practices and needs of machinery designers and manufacturers in safety of machinery: An exploratory study in the province of Quebec, Canada. Safety Science, 2021, 133, 105011.	4.9	8

#	ARTICLE	IF	CITATIONS
19	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
20	The Impact of Water Hammer on Hydraulic Power Units. <i>Energies</i> , 2022, 15, 1526.	3.1	6
21	On some factors affecting the just-in-time production system output variability: A simulation study using Taguchi technique. <i>Computers and Industrial Engineering</i> , 1993, 25, 461-464.	6.3	5
22	Manufacturing flexibility: SMT factors study. <i>Computers and Industrial Engineering</i> , 1997, 33, 361-364.	6.3	4
23	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
24	Étude du potentiel de l'Industrie 4.0 quant à la transformation de la PME manufacturière québécoise : Une analyse littéraire et expérimentale. <i>Génie Industriel Et Productique</i> , 2019, 2, .	0.4	3
25	INVESTIGATION OF THE ADOPTION AND USE OF STANDARDS AND REGULATIONS BY MACHINERY MANUFACTURERS. <i>International Journal of Reliability, Quality and Safety Engineering</i> , 2012, 19, 1250015.	0.6	2
26	Optimization of the emergency department in hospitals using simulation and experimental design: Case study. , 2017, , .		2
27	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