Miriam Benedetti

List of Publications by Citations

17 papers	300 citations	9 h-index	17 g-index
17 ext. papers	337 ext. citations	5.1 avg, IF	3.43 L-index

#	Paper	IF	Citations
17	Energy consumption control automation using Artificial Neural Networks and adaptive algorithms: Proposal of a new methodology and case study. *Applied Energy*, **2016**, 165, 60-71	10.7	85
16	Energy Management Maturity Model: an organizational tool to foster the continuous reduction of energy consumption in companies. *Journal of Cleaner Production*, **2014**, 83, 108-117	10.3	75
15	From energy targets setting to energy-aware operations control and back: An advanced methodology for energy efficient manufacturing. *Journal of Cleaner Production*, **2017**, 167, 1518-1533	10.3	24
14	Explorative study on Compressed Air Systems' energy efficiency in production and use: First steps towards the creation of a benchmarking system for large and energy-intensive industrial firms. *Applied Energy*, **2018**, 227, 436-448	10.7	22
13	Large eddy simulation of Loss of Vacuum Accident in STARDUST facility. *Fusion Engineering and Design*, **2013**, 88, 2665-2668	1.7	16
12	A Proposal for Energy Services' Classification Including a Product Service Systems Perspective. *Procedia CIRP*, **2015**, 30, 251-256	1.8	14
11	Real Time Energy Performance Control for Industrial Compressed Air Systems: Methodology and Applications. *Energies*, **2019**, 12, 3935	3.1	11
10	Inter-sectorial benchmarking of compressed air generation energy performance: Methodology based on real data gathering in large and energy-intensive industrial firms. *Applied Energy*, **2018**, 217, 266-280	10.7	10
9	Impact of Track and Trace Integration on Pharmaceutical Production Systems. *International Journal of Engineering Business Management*, **2014**, 6, 25	1.9	10
8	New efficiency opportunities arising from intelligent real time control tools applications: the case of Compressed Air Systems' energy efficiency in production and use. *Energy Procedia*, **2019**, 158, 4198-4203	2.3	7
7	Monitoring compressed air systems energy performance in industrial production: lesson learned from an explorative study in large and energy-intensive industrial firms.. *Energy Procedia*, **2017**, 143, 396-403	2.3	7
6	Assessing and Improving Compressed Air Systems' Energy Efficiency in Production and use: Findings from an Explorative Study in Large and Energy-intensive Industrial Firms. *Energy Procedia*, **2017**, 105, 3112-3117	2.3	7
5	Maturity-based approach for the improvement of energy efficiency in industrial compressed air production and use systems. *Energy*, **2019**, 186, 115879	7.9	5
4	Improving Energy Efficiency in Manufacturing Systems' Literature Review and Analysis of the Impact on the Energy Network of Consolidated Practices and Upcoming Opportunities **2015**,		5
3	Buffer Size Design in Pharmaceutical Packaging Lines: An Analytical Methodology Proposal and Case Study. *International Journal of Engineering Business Management*, **2014**, 6, 26	1.9	1
2	Service Engineering Methodology and Energy Services: Applicability Analysis and Case Study. *Procedia CIRP*, **2016**, 47, 358-363	1.8	1
1	A Methodology for the Identification and Characterization of Low-Temperature Waste Heat Sources and Sinks in Industrial Processes: Application in the Italian Dairy Sector. *Energies*, **2022**, 15, 155	3.1	0