

Vito Introna

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

692
citations

687363

13
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

702
citing authors

#	ARTICLE	IF	CITATIONS
1	Private Hospital Energy Performance Benchmarking Using Energy Audit Data: An Italian Case Study. <i>Energies</i> , 2022, 15, 806.	3.1	5
2	A Data-Mining Approach for Wind Turbine Fault Detection Based on SCADA Data Analysis Using Artificial Neural Networks. <i>Energies</i> , 2021, 14, 1845.	3.1	35
3	Design of a Database of Case Studies and Technologies to Increase the Diffusion of Low-Temperature Waste Heat Recovery in the Industrial Sector. <i>Sustainability</i> , 2021, 13, 5223.	3.2	4
4	Industrial Energy Management and Sustainability. <i>Sustainability</i> , 2021, 13, 8814.	3.2	0
5	Enabling technology for maintenance in a smart factory: A literature review. <i>Procedia Computer Science</i> , 2021, 180, 430-435.	2.0	19
6	Maintenance transformation through Industry 4.0 technologies: A systematic literature review. <i>Computers in Industry</i> , 2020, 123, 103335.	9.9	136
7	A Digital Shadow cloud-based application to enhance quality control in manufacturing. <i>IFAC-PapersOnLine</i> , 2020, 53, 10579-10584.	0.9	3
8	Real Time Energy Performance Control for Industrial Compressed Air Systems: Methodology and Applications. <i>Energies</i> , 2019, 12, 3935.	3.1	20
9	Maturity-based approach for the improvement of energy efficiency in industrial compressed air production and use systems. <i>Energy</i> , 2019, 186, 115879.	8.8	14
10	New efficiency opportunities arising from intelligent real time control tools applications: the case of Compressed Air Systems™ energy efficiency in production and use. <i>Energy Procedia</i> , 2019, 158, 4198-4203.	1.8	13
11	Inter-sectorial benchmarking of compressed air generation energy performance: Methodology based on real data gathering in large and energy-intensive industrial firms. <i>Applied Energy</i> , 2018, 217, 266-280.	10.1	16
12	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. <i>Applied Energy</i> , 2018, 227, 436-448.	10.1	30
13	Optimization of photovoltaic maintenance plan by means of a FMEA approach based on real data. <i>Energy Conversion and Management</i> , 2017, 152, 1-12.	9.2	50
14	Assessing and Improving Compressed Air Systems™ Energy Efficiency in Production and use: Findings from an Explorative Study in Large and Energy-intensive Industrial Firms. <i>Energy Procedia</i> , 2017, 105, 3112-3117.	1.8	11
15	From energy targets setting to energy-aware operations control and back: An advanced methodology for energy efficient manufacturing. <i>Journal of Cleaner Production</i> , 2017, 167, 1518-1533.	9.3	31
16	Monitoring compressed air systems energy performance in industrial production: lesson learned from an explorative study in large and energy-intensive industrial firms.. <i>Energy Procedia</i> , 2017, 143, 396-403.	1.8	7
17	Service Engineering Methodology and Energy Services: Applicability Analysis and Case Study. <i>Procedia CIRP</i> , 2016, 47, 358-363.	1.9	3
18	Investigating the relationship between energy consumption and overall equipment effectiveness for improving manufacturing systems' productivity: an application in the thermoforming process. <i>International Journal of Productivity and Quality Management</i> , 2016, 18, 279.	0.2	3

#	ARTICLE	IF	CITATIONS
19	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.	10.1	109
20	A Proposal for Energy Services¼ Classification Including a Product Service Systems Perspective. Procedia CIRP, 2015, 30, 251-256.	1.9	18
21	Improving Energy Efficiency in Manufacturing Systems – Literature Review and Analysis of the Impact on the Energy Network of Consolidated Practices and Upcoming Opportunities. , 2015, , .		6
22	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.	9.3	94
23	Impact of Track and Trace Integration on Pharmaceutical Production Systems. International Journal of Engineering Business Management, 2014, 6, 25.	3.7	22
24	Buffer Size Design in Pharmaceutical Packaging Lines: An Analytical Methodology Proposal and Case Study. International Journal of Engineering Business Management, 2014, 6, 26.	3.7	1
25	Energy budgeting and control: a new approach for an industrial plant. International Journal of Energy Sector Management, 2009, 3, 131-156.	2.3	12
26	Evaluation of electricity rates through characterization and forecasting of energy consumption. International Journal of Energy Sector Management, 2007, 1, 390-412.	2.3	8
27	A Multiagent Model for Coordinated Distribution Chain Planning. Journal of Organizational Computing and Electronic Commerce, 2003, 13, 267-287.	1.8	10
28	A Multiagent Model for Coordinated Distribution Chain Planning. Journal of Organizational Computing and Electronic Commerce, 2003, 13, 267-287.	1.8	12
29	Designing Multichannel Value Propositions to Enhance Value-Cocreation Phenomenon. , 0, , 662-692.		0