

# Vito Introna

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7645156/publications.pdf>

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	Maintenance transformation through Industry 4.0 technologies: A systematic literature review. Computers in Industry, 2020, 123, 103335.	9.9	136
2	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
3	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
4	Optimization of photovoltaic maintenance plan by means of a FMEA approach based on real data. Energy Conversion and Management, 2017, 152, 1-12.	9.2	50
5	A Data-Mining Approach for Wind Turbine Fault Detection Based on SCADA Data Analysis Using Artificial Neural Networks. Energies, 2021, 14, 1845.	3.1	35
6	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.	9.3	31
7	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.	10.1	30
8	Impact of Track and Trace Integration on Pharmaceutical Production Systems. International Journal of Engineering Business Management, 2014, 6, 25.	3.7	22
9	Real Time Energy Performance Control for Industrial Compressed Air Systems: Methodology and Applications. Energies, 2019, 12, 3935.	3.1	20
10	Enabling technology for maintenance in a smart factory: A literature review. Procedia Computer Science, 2021, 180, 430-435.	2.0	19
11	A Proposal for Energy Services¼ Classification Including a Product Service Systems Perspective. Procedia CIRP, 2015, 30, 251-256.	1.9	18
12	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.	10.1	16
13	Maturity-based approach for the improvement of energy efficiency in industrial compressed air production and use systems. Energy, 2019, 186, 115879.	8.8	14
14	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.	1.8	13
15	Energy budgeting and control: a new approach for an industrial plant. International Journal of Energy Sector Management, 2009, 3, 131-156.	2.3	12
16	A Multiagent Model for Coordinated Distribution Chain Planning. Journal of Organizational Computing and Electronic Commerce, 2003, 13, 267-287.	1.8	12
17	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.	1.8	11
18	A Multiagent Model for Coordinated Distribution Chain Planning. Journal of Organizational Computing and Electronic Commerce, 2003, 13, 267-287.	1.8	10

#	ARTICLE	IF	CITATIONS
19	Evaluation of electricity rates through characterization and forecasting of energy consumption. International Journal of Energy Sector Management, 2007, 1, 390-412.	2.3	8
20	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.	1.8	7
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	Private Hospital Energy Performance Benchmarking Using Energy Audit Data: An Italian Case Study. Energies, 2022, 15, 806.	3.1	5
23	Design of a Database of Case Studies and Technologies to Increase the Diffusion of Low-Temperature Waste Heat Recovery in the Industrial Sector. Sustainability, 2021, 13, 5223.	3.2	4
24	Service Engineering Methodology and Energy Services: Applicability Analysis and Case Study. Procedia CIRP, 2016, 47, 358-363.	1.9	3
25	Investigating the relationship between energy consumption and overall equipment effectiveness for improving manufacturing systems' productivity: an application in the thermoforming process. International Journal of Productivity and Quality Management, 2016, 18, 279.	0.2	3
26	A Digital Shadow cloud-based application to enhance quality control in manufacturing. IFAC-PapersOnLine, 2020, 53, 10579-10584.	0.9	3
27	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
28	Industrial Energy Management and Sustainability. Sustainability, 2021, 13, 8814.	3.2	0
29	Designing Multichannel Value Propositions to Enhance Value-Cocreation Phenomenon. , 0, , 662-692.		0