

Andrea Trianni

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

2,193
citations

25
h-index

46
g-index

58
ext. papers

2,740
ext. citations

7.4
avg, IF

5.71
L-index

#	Paper	IF	Citations
52	A novel approach for barriers to industrial energy efficiency. <i>Renewable and Sustainable Energy Reviews</i> , 2013 , 19, 290-308	16.2	213
51	Dealing with barriers to energy efficiency and SMEs: Some empirical evidences. <i>Energy</i> , 2012 , 37, 494-504	4.9	189
50	Barriers, drivers and decision-making process for industrial energy efficiency: A broad study among manufacturing small and medium-sized enterprises. <i>Applied Energy</i> , 2016 , 162, 1537-1551	10.7	168
49	Barriers to industrial energy efficiency in foundries: a European comparison. <i>Journal of Cleaner Production</i> , 2013 , 40, 161-176	10.3	144
48	Beyond barriers [A case study on driving forces for improved energy efficiency in the foundry industries in Finland, France, Germany, Italy, Poland, Spain, and Sweden. <i>Applied Energy</i> , 2013 , 111, 636-643	10.7	141
47	Exploring drivers for energy efficiency within small- and medium-sized enterprises: First evidences from Italian manufacturing enterprises. <i>Applied Energy</i> , 2013 , 104, 276-285	10.7	130
46	A framework to characterize energy efficiency measures. <i>Applied Energy</i> , 2014 , 118, 207-220	10.7	103
45	Evaluating the barriers to specific industrial energy efficiency measures: an exploratory study in small and medium-sized enterprises. <i>Journal of Cleaner Production</i> , 2014 , 82, 70-83	10.3	93
44	Empirical investigation of energy efficiency barriers in Italian manufacturing SMEs. <i>Energy</i> , 2013 , 49, 444-458	7.9	93
43	Innovation and adoption of energy efficient technologies: An exploratory analysis of Italian primary metal manufacturing SMEs. <i>Energy Policy</i> , 2013 , 61, 430-440	7.2	81
42	Barriers and drivers for energy efficiency: Different perspectives from an exploratory study in the Netherlands. <i>Energy Conversion and Management</i> , 2015 , 102, 26-38	10.6	48
41	New perspectives for green and sustainable chemistry and engineering: Approaches from sustainable resource and energy use, management, and transformation. <i>Journal of Cleaner Production</i> , 2018 , 172, 227-232	10.3	48
40	International study on energy end-use data among industrial SMEs (small and medium-sized enterprises) and energy end-use efficiency improvement opportunities. <i>Journal of Cleaner Production</i> , 2015 , 104, 282-296	10.3	47
39	Linking energy efficiency and innovation practices: Empirical evidence from the foundry sector. <i>Energy Policy</i> , 2015 , 83, 240-256	7.2	47
38	Industrial sustainability: Modelling drivers and mechanisms with barriers. <i>Journal of Cleaner Production</i> , 2018 , 194, 452-472	10.3	45
37	Classification of drivers for industrial energy efficiency and their effect on the barriers affecting the investment decision-making process. <i>Energy Efficiency</i> , 2017 , 10, 199-215	3	42
36	Industrial sustainability performance measurement systems: A novel framework. <i>Journal of Cleaner Production</i> , 2019 , 230, 1354-1375	10.3	42

35	Modelling barriers to the adoption of industrial sustainability measures. <i>Journal of Cleaner Production</i> , 2017 , 168, 1482-1504	10.3	40
34	Measuring industrial sustainability performance: Empirical evidence from Italian and German manufacturing small and medium enterprises. <i>Journal of Cleaner Production</i> , 2019 , 229, 1355-1376	10.3	39
33	Drivers for energy efficiency and their effect on barriers: empirical evidence from Italian manufacturing enterprises. <i>Energy Efficiency</i> , 2017 , 10, 855-869	3	38
32	Quick-E-scan: A methodology for the energy scan of SMEs. <i>Energy</i> , 2010 , 35, 1916-1926	7.9	37
31	Green supply chain management drivers, practices and performance: A comprehensive study on the moderators. <i>Journal of Cleaner Production</i> , 2020 , 259, 121024	10.3	33
30	Analysis of the Most Effective Energy Efficiency Opportunities in Manufacturing Primary Metals, Plastics, and Textiles Small- and Medium-Sized Enterprises. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2012 , 134,	2.6	29
29	Energy management: A practice-based assessment model. <i>Applied Energy</i> , 2019 , 235, 1614-1636	10.7	27
28	Driving forces and obstacles to nuclear cogeneration in Europe: Lessons learnt from Finland. <i>Energy Policy</i> , 2017 , 107, 138-150	7.2	25
27	Energy efficiency measures in electric motors systems: A novel classification highlighting specific implications in their adoption. <i>Applied Energy</i> , 2019 , 252, 113481	10.7	24
26	In Pursuit of Closed-Loop Supply Chains for Critical Materials: An Exploratory Study in the Green Energy Sector. <i>Journal of Industrial Ecology</i> , 2019 , 23, 182-196	7.2	22
25	Broadening to sustainability the perspective of industrial decision-makers on the energy efficiency measures adoption: some empirical evidence. <i>Energy Efficiency</i> , 2018 , 11, 1193-1210	3	20
24	A triple bottom line balanced set of key performance indicators to measure the sustainability performance of industrial supply chains. <i>Sustainable Production and Consumption</i> , 2021 , 26, 648-691	8.2	20
23	Only non-energy benefits from the adoption of energy efficiency measures? A novel framework. <i>Journal of Cleaner Production</i> , 2019 , 212, 1319-1333	10.3	18
22	An Empirical Investigation of Barriers, Drivers and Practices for Energy Efficiency in Primary Metals Manufacturing SMEs. <i>Energy Procedia</i> , 2014 , 61, 1252-1255	2.3	17
21	Sustainable Supply Chain Management and Multi-Criteria Decision-Making Methods: A Systematic Review. <i>Sustainability</i> , 2021 , 13, 7104	3.6	14
20	Barriers and Drivers for Energy Efficiency: Different Perspectives from an Exploratory Study in the Netherlands. <i>Energy Procedia</i> , 2014 , 61, 1256-1260	2.3	10
19	A Review of Energy Management Assessment Models for Industrial Energy Efficiency. <i>Energies</i> , 2020 , 13, 5713	3.1	10
18	Is Innovation an Enabler of Energy Efficiency? An Exploratory Study of the Foundry Sector. <i>Energy Procedia</i> , 2014 , 61, 1191-1195	2.3	9

17	Towards a Novel Framework of Barriers and Drivers for Digital Transformation in Industrial Supply Chains 2019 ,		9
16	Ten years of Energy Efficiency: a bibliometric analysis. <i>Energy Efficiency</i> , 2018 , 11, 1917-1939	3	9
15	New perspectives for sustainable resource and energy use, management and transformation: approaches from green and sustainable chemistry and engineering. <i>Journal of Cleaner Production</i> , 2016 , 118, 1-3	10.3	8
14	A multi-stakeholder analysis of the economic efficiency of industrial energy efficiency policies: Empirical evidence from ten years of the Italian White Certificate Scheme. <i>Applied Energy</i> , 2019 , 240, 424-435	10.7	7
13	Competitiveness of Small-Medium, New Generation Reactors: A Comparative Study on Capital and O&M Costs 2008 ,		7
12	A review of Energy Efficiency Measures Within Electric Motors Systems. <i>Energy Procedia</i> , 2019 , 158, 3346-33516		
11	Diffusion of Motor Systems Energy Efficiency Measures: An Empirical Study Within Italian Manufacturing SMEs. <i>Energy Procedia</i> , 2015 , 75, 2569-2574	2.3	6
10	A Comprehensive Investigation of Energy Management Practices within Energy Intensive Industries in Bangladesh. <i>Energy</i> , 2021 , 232, 120932	7.9	5
9	Barriers and drivers for the adoption of industrial sustainability measures in European SMEs: Empirical evidence from chemical and metalworking sectors. <i>Sustainable Production and Consumption</i> , 2021 , 28, 1433-1464	8.2	5
8	What factors affect the selection of industrial wastewater treatment configuration?. <i>Journal of Environmental Management</i> , 2021 , 285, 112099	7.9	4
7	Implementing energy efficiency measures: do other production resources matter? A broad study in Slovenian manufacturing small and medium-sized enterprises. <i>Journal of Cleaner Production</i> , 2021 , 287, 125044	10.3	4
6	Identification and Categorization of Factors Affecting the Adoption of Energy Efficiency Measures within Compressed Air Systems. <i>Energies</i> , 2020 , 13, 5116	3.1	3
5	A Framework to Characterize Factors Affecting the Adoption of Energy Efficiency Measures Within Electric Motors Systems. <i>Energy Procedia</i> , 2019 , 158, 3352-3357	2.3	2
4	Identification and characterization of decision-making factors over industrial energy efficiency measures in electric motor systems. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 149, 111354	16.2	2
3	Implications for Collaborative Development of Reverse Distribution Network: A System Perspective. <i>Lecture Notes in Computer Science</i> , 2014 , 351-357	0.9	1
2	Economic and Production-Related Implications for Industrial Energy Efficiency: A Logistic Regression Analysis on Cross-Cutting Technologies. <i>Energies</i> , 2022 , 15, 1382	3.1	1
1	A novel characterization based framework to incorporate industrial energy management services. <i>Applied Energy</i> , 2022 , 313, 118891	10.7	0