Andrea Trianni

List of Publications by Year
in descending order

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57	3,201	172457	182427
papers	citations	29 h-index	51 g-index

58	58	58	1877
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Economic and Production-Related Implications for Industrial Energy Efficiency: A Logistic Regression Analysis on Cross-Cutting Technologies. Energies, 2022, 15, 1382.	3.1	5
2	A novel characterization based framework to incorporate industrial energy management services. Applied Energy, 2022, 313, 118891.	10.1	6
3	Implementing energy efficiency measures: do other production resources matter? A broad study in Slovenian manufacturing small and medium-sized enterprises. Journal of Cleaner Production, 2021, 287, 125044.	9.3	13
4	A triple bottom line balanced set of key performance indicators to measure the sustainability performance of industrial supply chains. Sustainable Production and Consumption, 2021, 26, 648-691.	11.0	66
5	What factors affect the selection of industrial wastewater treatment configuration?. Journal of Environmental Management, 2021, 285, 112099.	7.8	14
6	A comprehensive investigation of energy management practices within energy intensive industries in Bangladesh. Energy, 2021, 232, 120932.	8.8	19
7	Sustainable Supply Chain Management and Multi-Criteria Decision-Making Methods: A Systematic Review. Sustainability, 2021, 13, 7104.	3.2	41
8	Barriers and drivers for the adoption of industrial sustainability measures in European SMEs: Empirical evidence from chemical and metalworking sectors. Sustainable Production and Consumption, 2021, 28, 1433-1464.	11.0	22
9	Identification and characterization of decision-making factors over industrial energy efficiency measures in electric motor systems. Renewable and Sustainable Energy Reviews, 2021, 149, 111354.	16.4	10
10	Towards a Framework Linking Industrial Energy Efficiency Measures with Production Resources. , 2021, , .		2
11	Identification and Categorization of Factors Affecting the Adoption of Energy Efficiency Measures within Compressed Air Systems. Energies, 2020, 13, 5116.	3.1	7
12	A Review of Energy Management Assessment Models for Industrial Energy Efficiency. Energies, 2020, 13, 5713.	3.1	26
13	Green supply chain management drivers, practices and performance: A comprehensive study on the moderators. Journal of Cleaner Production, 2020, 259, 121024.	9.3	79
14	Energy Management: Sustainable Approach Towards Industry 4.0. , 2020, , .		2
15	Energy efficiency measures in electric motors systems: A novel classification highlighting specific implications in their adoption. Applied Energy, 2019, 252, 113481.	10.1	35
16	A Framework to Characterize Factors Affecting the Adoption of Energy Efficiency Measures Within Electric Motors Systems. Energy Procedia, 2019, 158, 3352-3357.	1.8	5
17	A review of Energy Efficiency Measures Within Electric Motors Systems. Energy Procedia, 2019, 158, 3346-3351.	1.8	12
18	Industrial sustainability performance measurement systems: A novel framework. Journal of Cleaner Production, 2019, 230, 1354-1375.	9.3	78

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19	Measuring industrial sustainability performance: Empirical evidence from Italian and German manufacturing small and medium enterprises. Journal of Cleaner Production, 2019, 229, 1355-1376.	9.3	77
20	A multi-stakeholder analysis of the economic efficiency of industrial energy efficiency policies: Empirical evidence from ten years of the Italian White Certificate Scheme. Applied Energy, 2019, 240, 424-435.	10.1	24
21	Towards a Novel Framework of Barriers and Drivers for Digital Transformation in Industrial Supply Chains. , 2019, , .		13
22	Only non-energy benefits from the adoption of energy efficiency measures? A novel framework. Journal of Cleaner Production, 2019, 212, 1319-1333.	9.3	30
23	Energy management: A practice-based assessment model. Applied Energy, 2019, 235, 1614-1636.	10.1	48
24	In Pursuit of Closedâ€Loop Supply Chains for Critical Materials: An Exploratory Study in the Green Energy Sector. Journal of Industrial Ecology, 2019, 23, 182-196.	5.5	42
25	Broadening to sustainability the perspective of industrial decision-makers on the energy efficiency measures adoption: some empirical evidence. Energy Efficiency, 2018, 11, 1193-1210.	2.8	25
26	Guest editorial note. Energy Efficiency, 2018, 11, 1053-1055.	2.8	0
27	New perspectives for green and sustainable chemistry and engineering: Approaches from sustainable resource and energy use, management, and transformation. Journal of Cleaner Production, 2018, 172, 227-232.	9.3	72
28	Ten years of Energy Efficiency: a bibliometric analysis. Energy Efficiency, 2018, 11, 1917-1939.	2.8	16
29	Industrial sustainability: Modelling drivers and mechanisms with barriers. Journal of Cleaner Production, 2018, 194, 452-472.	9.3	73
30	Classification of drivers for industrial energy efficiency and their effect on the barriers affecting the investment decision-making process. Energy Efficiency, 2017, 10, 199-215.	2.8	67
31	Driving forces and obstacles to nuclear cogeneration in Europe: Lessons learnt from Finland. Energy Policy, 2017, 107, 138-150.	8.8	36
32	Drivers for energy efficiency and their effect on barriers: empirical evidence from Italian manufacturing enterprises. Energy Efficiency, 2017, 10, 855-869.	2.8	55
33	Modelling barriers to the adoption of industrial sustainability measures. Journal of Cleaner Production, 2017, 168, 1482-1504.	9.3	58
34	Barriers, drivers and decision-making process for industrial energy efficiency: A broad study among manufacturing small and medium-sized enterprises. Applied Energy, 2016, 162, 1537-1551.	10.1	234
35	New perspectives for sustainable resource and energy use, management and transformation: approaches from green and sustainable chemistry and engineering. Journal of Cleaner Production, 2016, 118, 1-3.	9.3	9
36	Barriers and drivers for energy efficiency: Different perspectives from an exploratory study in the Netherlands. Energy Conversion and Management, 2015, 102, 26-38.	9.2	70

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37	International study on energy end-use data among industrial SMEs (small and medium-sized) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 2015, 104, 282-296.	9.3	61
38	Linking energy efficiency and innovation practices: Empirical evidence from the foundry sector. Energy Policy, 2015, 83, 240-256.	8.8	77
39	Diffusion of Motor Systems Energy Efficiency Measures: An Empirical Study Within Italian Manufacturing SMEs. Energy Procedia, 2015, 75, 2569-2574.	1.8	8
40	Is Innovation an Enabler of Energy Efficiency? An Exploratory Study of the Foundry Sector. Energy Procedia, 2014, 61, 1191-1195.	1.8	11
41	Barriers and Drivers for Energy Efficiency: Different Perspectives from an Exploratory Study in the Netherlands. Energy Procedia, 2014, 61, 1256-1260.	1.8	13
42	A framework to characterize energy efficiency measures. Applied Energy, 2014, 118, 207-220.	10.1	131
43	Evaluating the barriers to specific industrial energy efficiency measures: an exploratory study in small and medium-sized enterprises. Journal of Cleaner Production, 2014, 82, 70-83.	9.3	118
44	An Empirical Investigation of Barriers, Drivers and Practices for Energy Efficiency in Primary Metals Manufacturing SMEs. Energy Procedia, 2014, 61, 1252-1255.	1.8	24
45	Implications for Collaborative Development of Reverse Distribution Network: A System Perspective. Lecture Notes in Computer Science, 2014, , 351-357.	1.3	1
46	Beyond barriers â€“ A case study on driving forces for improved energy efficiency in the foundry industries in Finland, France, Germany, Italy, Poland, Spain, and Sweden. Applied Energy, 2013, 111, 636-643.	10.1	169
47	Innovation and adoption of energy efficient technologies: An exploratory analysis of Italian primary metal manufacturing SMEs. Energy Policy, 2013, 61, 430-440.	8.8	107
48	Exploring drivers for energy efficiency within small- and medium-sized enterprises: First evidences from Italian manufacturing enterprises. Applied Energy, 2013, 104, 276-285.	10.1	169
49	A novel approach for barriers to industrial energy efficiency. Renewable and Sustainable Energy Reviews, 2013, 19, 290-308.	16.4	275
50	Empirical investigation of energy efficiency barriers in Italian manufacturing SMEs. Energy, 2013, 49, 444-458.	8.8	115
51	Barriers to industrial energy efficiency in foundries: a European comparison. Journal of Cleaner Production, 2013, 40, 161-176.	9.3	186
52	Analysis of the Most Effective Energy Efficiency Opportunities in Manufacturing Primary Metals, Plastics, and Textiles Small- and Medium-Sized Enterprises. Journal of Energy Resources Technology, Transactions of the ASME, 2012, 134, .	2.3	35
53	Dealing with barriers to energy efficiency and SMEs: Some empirical evidences. Energy, 2012, 37, 494-504.	8.8	247
54	Quick-E-scan: A methodology for the energy scan of SMEs. Energy, 2010, 35, 1916-1926.	8.8	45

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55	Energy Efficiency in Industrial Operations: An Evaluation of Benefits and Cost of the Most Effective Interventions Within the Italian Industrial Sector. , 2010, , .		0
56	Competitiveness of Small-Medium, New Generation Reactors: A Comparative Study on Capital and O&M Costs. , 2008, , .		12
57	ECONOMIC, ENVIRONMENTAL AND PRODUCTIVE PRACTICES INFLUENCE ON THE INDUSTRIAL ENERGETIC EFFICIENCY. Revista GestÃ£o & Sustentabilidade Ambiental, 0, 9, 513.	0.1	1