

# Andrea Trianni

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3209248/publications.pdf>

Version: 2024-02-01

57  
papers

3,201  
citations

172457

29  
h-index

182427

51  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1877  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel approach for barriers to industrial energy efficiency. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 19, 290-308.	16.4	275
2	Dealing with barriers to energy efficiency and SMEs: Some empirical evidences. <i>Energy</i> , 2012, 37, 494-504.	8.8	247
3	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.	10.1	234
4	Barriers to industrial energy efficiency in foundries: a European comparison. <i>Journal of Cleaner Production</i> , 2013, 40, 161-176.	9.3	186
5	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.	10.1	169
6	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.	10.1	169
7	A framework to characterize energy efficiency measures. <i>Applied Energy</i> , 2014, 118, 207-220.	10.1	131
8	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.	9.3	118
9	Empirical investigation of energy efficiency barriers in Italian manufacturing SMEs. <i>Energy</i> , 2013, 49, 444-458.	8.8	115
10	Innovation and adoption of energy efficient technologies: An exploratory analysis of Italian primary metal manufacturing SMEs. <i>Energy Policy</i> , 2013, 61, 430-440.	8.8	107
11	Green supply chain management drivers, practices and performance: A comprehensive study on the moderators. <i>Journal of Cleaner Production</i> , 2020, 259, 121024.	9.3	79
12	Industrial sustainability performance measurement systems: A novel framework. <i>Journal of Cleaner Production</i> , 2019, 230, 1354-1375.	9.3	78
13	Linking energy efficiency and innovation practices: Empirical evidence from the foundry sector. <i>Energy Policy</i> , 2015, 83, 240-256.	8.8	77
14	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.	9.3	77
15	Industrial sustainability: Modelling drivers and mechanisms with barriers. <i>Journal of Cleaner Production</i> , 2018, 194, 452-472.	9.3	73
16	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.	9.3	72
17	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.	9.2	70
18	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.	2.8	67

#	ARTICLE	IF	CITATIONS
19	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.	11.0	66
20	International study on energy end-use data among industrial SMEs (small and medium-sized) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 2015, 104, 282-296.	9.3	61
21	Modelling barriers to the adoption of industrial sustainability measures. <i>Journal of Cleaner Production</i> , 2017, 168, 1482-1504.	9.3	58
22	Drivers for energy efficiency and their effect on barriers: empirical evidence from Italian manufacturing enterprises. <i>Energy Efficiency</i> , 2017, 10, 855-869.	2.8	55
23	Energy management: A practice-based assessment model. <i>Applied Energy</i> , 2019, 235, 1614-1636.	10.1	48
24	Quick-E-scan: A methodology for the energy scan of SMEs. <i>Energy</i> , 2010, 35, 1916-1926.	8.8	45
25	In Pursuit of Closedâ€Loop Supply Chains for Critical Materials: An Exploratory Study in the Green Energy Sector. <i>Journal of Industrial Ecology</i> , 2019, 23, 182-196.	5.5	42
26	Sustainable Supply Chain Management and Multi-Criteria Decision-Making Methods: A Systematic Review. <i>Sustainability</i> , 2021, 13, 7104.	3.2	41
27	Driving forces and obstacles to nuclear cogeneration in Europe: Lessons learnt from Finland. <i>Energy Policy</i> , 2017, 107, 138-150.	8.8	36
28	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, .	2.3	35
29	Energy efficiency measures in electric motors systems: A novel classification highlighting specific implications in their adoption. <i>Applied Energy</i> , 2019, 252, 113481.	10.1	35
30	Only non-energy benefits from the adoption of energy efficiency measures? A novel framework. <i>Journal of Cleaner Production</i> , 2019, 212, 1319-1333.	9.3	30
31	A Review of Energy Management Assessment Models for Industrial Energy Efficiency. <i>Energies</i> , 2020, 13, 5713.	3.1	26
32	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.	2.8	25
33	An Empirical Investigation of Barriers, Drivers and Practices for Energy Efficiency in Primary Metals Manufacturing SMEs. <i>Energy Procedia</i> , 2014, 61, 1252-1255.	1.8	24
34	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.	10.1	24
35	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.	11.0	22
36	A comprehensive investigation of energy management practices within energy intensive industries in Bangladesh. <i>Energy</i> , 2021, 232, 120932.	8.8	19

#	ARTICLE	IF	CITATIONS
37	Ten years of Energy Efficiency: a bibliometric analysis. <i>Energy Efficiency</i> , 2018, 11, 1917-1939.	2.8	16
38	What factors affect the selection of industrial wastewater treatment configuration?. <i>Journal of Environmental Management</i> , 2021, 285, 112099.	7.8	14
39	Barriers and Drivers for Energy Efficiency: Different Perspectives from an Exploratory Study in the Netherlands. <i>Energy Procedia</i> , 2014, 61, 1256-1260.	1.8	13
40	Towards a Novel Framework of Barriers and Drivers for Digital Transformation in Industrial Supply Chains. , 2019, , .		13
41	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.	9.3	13
42	Competitiveness of Small-Medium, New Generation Reactors: A Comparative Study on Capital and O&M Costs. , 2008, , .		12
43	A review of Energy Efficiency Measures Within Electric Motors Systems. <i>Energy Procedia</i> , 2019, 158, 3346-3351.	1.8	12
44	Is Innovation an Enabler of Energy Efficiency? An Exploratory Study of the Foundry Sector. <i>Energy Procedia</i> , 2014, 61, 1191-1195.	1.8	11
45	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.	16.4	10
46	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.	9.3	9
47	Diffusion of Motor Systems Energy Efficiency Measures: An Empirical Study Within Italian Manufacturing SMEs. <i>Energy Procedia</i> , 2015, 75, 2569-2574.	1.8	8
48	Identification and Categorization of Factors Affecting the Adoption of Energy Efficiency Measures within Compressed Air Systems. <i>Energies</i> , 2020, 13, 5116.	3.1	7
49	A novel characterization based framework to incorporate industrial energy management services. <i>Applied Energy</i> , 2022, 313, 118891.	10.1	6
50	A Framework to Characterize Factors Affecting the Adoption of Energy Efficiency Measures Within Electric Motors Systems. <i>Energy Procedia</i> , 2019, 158, 3352-3357.	1.8	5
51	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	5
52	Energy Management: Sustainable Approach Towards Industry 4.0. , 2020, , .		2
53	Towards a Framework Linking Industrial Energy Efficiency Measures with Production Resources. , 2021, , .		2
54	Implications for Collaborative Development of Reverse Distribution Network: A System Perspective. <i>Lecture Notes in Computer Science</i> , 2014, , 351-357.	1.3	1

#	ARTICLE	IF	CITATIONS
55	ECONOMIC, ENVIRONMENTAL AND PRODUCTIVE PRACTICES INFLUENCE ON THE INDUSTRIAL ENERGETIC EFFICIENCY. Revista GestÃ£o & Sustentabilidade Ambiental, 0, 9, 513.	0.1	1
56	Energy Efficiency in Industrial Operations: An Evaluation of Benefits and Cost of the Most Effective Interventions Within the Italian Industrial Sector. , 2010, , .		0
57	Guest editorial note. Energy Efficiency, 2018, 11, 1053-1055.	2.8	0