

Idiano D Adamo

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.

89
papers

3,188
citations

37
h-index

53
g-index

104
ext. papers

4,137
ext. citations

6
avg, IF

6.57
L-index

#	Paper	IF	Citations
89	Recycling of WEEEs: An economic assessment of present and future e-waste streams. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 51, 263-272	16.2	450
88	Sustainable waste management: Waste to energy plant as an alternative to landfill. <i>Energy Conversion and Management</i> , 2017 , 131, 18-31	10.6	108
87	Estimation of the energetic and environmental impacts of a roof-mounted building-integrated photovoltaic systems. <i>Renewable and Sustainable Energy Reviews</i> , 2012 , 16, 5245-5259	16.2	94
86	Photovoltaic energy systems with battery storage for residential areas: an economic analysis. <i>Journal of Cleaner Production</i> , 2016 , 131, 460-474	10.3	82
85	End-of-Life of used photovoltaic modules: A financial analysis. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 47, 552-561	16.2	80
84	Environmental and economic analysis of building integrated photovoltaic systems in Italian regions. <i>Journal of Cleaner Production</i> , 2015 , 98, 241-252	10.3	80
83	Modelling the correlations of e-waste quantity with economic increase. <i>Science of the Total Environment</i> , 2018 , 613-614, 46-53	10.2	74
82	Issue on supply chain of renewable energy. <i>Energy Conversion and Management</i> , 2013 , 76, 774-780	10.6	72
81	A comparison of environmental and energetic performance of European countries: A sustainability index. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 78, 401-413	16.2	69
80	Sustainable management of waste-to-energy facilities. <i>Renewable and Sustainable Energy Reviews</i> , 2014 , 33, 719-728	16.2	69
79	Evaluating solar energy profitability: A focus on the role of self-consumption. <i>Energy Conversion and Management</i> , 2014 , 88, 317-331	10.6	66
78	A techno-economic assessment of biogas upgrading in a developed market. <i>Journal of Cleaner Production</i> , 2019 , 210, 945-957	10.3	57
77	Technical and economic analysis of biomethane: A focus on the role of subsidies. <i>Energy Conversion and Management</i> , 2016 , 119, 338-351	10.6	56
76	Efficiency and allocation of emission allowances and energy consumption over more sustainable European economies. <i>Journal of Cleaner Production</i> , 2018 , 182, 805-817	10.3	55
75	A circular economy model based on biomethane: What are the opportunities for the municipality of Rome and beyond?. <i>Renewable Energy</i> , 2021 , 163, 1660-1672	8.1	54
74	Recycling of end-of-life vehicles: Assessing trends and performances in Europe. <i>Technological Forecasting and Social Change</i> , 2020 , 152, 119887	9.5	52
73	Economic Feasibility for Recycling of Waste Crystalline Silicon Photovoltaic Modules. <i>International Journal of Photoenergy</i> , 2017 , 2017, 1-6	2.1	50

72	A socio-economic analysis of biomethane in the transport sector: The case of Italy. <i>Waste Management</i> , 2019 , 95, 102-115	8.6	49
71	Towards sustainable recycling processes: Wasted printed circuit boards as a source of economic opportunities. <i>Resources, Conservation and Recycling</i> , 2019 , 149, 455-467	11.9	49
70	A New Socio-economic Indicator to Measure the Performance of Bioeconomy Sectors in Europe. <i>Ecological Economics</i> , 2020 , 176, 106724	5.6	47
69	An economic analysis of biogas-biomethane chain from animal residues in Italy. <i>Journal of Cleaner Production</i> , 2019 , 230, 888-897	10.3	46
68	A profitability assessment of European recycling processes treating printed circuit boards from waste electrical and electronic equipments. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 64, 749-760	16.2	46
67	Economic Analysis of a Photovoltaic System: A Resource for Residential Households. <i>Energies</i> , 2017 , 10, 814	3.1	46
66	The post COVID-19 green recovery in practice: Assessing the profitability of a policy proposal on residential photovoltaic plants. <i>Energy Policy</i> , 2020 , 147, 111910	7.2	46
65	A profitability analysis of small-scale plants for biomethane injection into the gas grid. <i>Journal of Cleaner Production</i> , 2018 , 184, 179-187	10.3	45
64	Automotive printed circuit boards recycling: an economic analysis. <i>Journal of Cleaner Production</i> , 2016 , 121, 130-141	10.3	44
63	Financial analysis for investment and policy decisions in the renewable energy sector. <i>Clean Technologies and Environmental Policy</i> , 2015 , 17, 887-904	4.3	43
62	Current state of renewable energies performances in the European Union: A new reference framework. <i>Energy Conversion and Management</i> , 2016 , 121, 84-92	10.6	43
61	Renewable energy options for buildings: Performance evaluations of integrated photovoltaic systems. <i>Energy and Buildings</i> , 2012 , 55, 208-217	7	42
60	Feasibility study of developing photovoltaic power projects in Italy: An integrated approach. <i>Renewable and Sustainable Energy Reviews</i> , 2012 , 16, 1562-1576	16.2	41
59	Future Trajectories of Renewable Energy Consumption in the European Union. <i>Resources</i> , 2018 , 7, 10	3.7	40
58	RES-T trajectories and an integrated SWOT-AHP analysis for biomethane. Policy implications to support a green revolution in European transport. <i>Energy Policy</i> , 2020 , 138, 111220	7.2	38
57	A profitability assessment of small-scale photovoltaic systems in an electricity market without subsidies. <i>Energy Conversion and Management</i> , 2016 , 129, 62-74	10.6	38
56	Solar Photovoltaic Panels Combined with Energy Storage in a Residential Building: An Economic Analysis. <i>Sustainability</i> , 2018 , 10, 3117	3.6	37
55	The Profitability of Residential Photovoltaic Systems. A New Scheme of Subsidies Based on the Price of CO ₂ in a Developed PV Market. <i>Social Sciences</i> , 2018 , 7, 148	1.8	37

54	Implementation of a real option in a sustainable supply chain: an empirical study of alkaline battery recycling. <i>International Journal of Systems Science</i> , 2014 , 45, 1268-1282	2.3	35
53	Strategic municipal solid waste management: A quantitative model for Italian regions. <i>Energy Conversion and Management</i> , 2014 , 77, 709-720	10.6	31
52	Remanufacturing in industry: advices from the field. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 86, 2575-2584	3.2	30
51	Challenges in Waste Electrical and Electronic Equipment Management: A Profitability Assessment in Three European Countries. <i>Sustainability</i> , 2016 , 8, 633	3.6	26
50	Scrap automotive electronics: A mini-review of current management practices. <i>Waste Management and Research</i> , 2016 , 34, 3-10	4	25
49	Biomethane: A Renewable Resource as Vehicle Fuel. <i>Resources</i> , 2017 , 6, 58	3.7	25
48	A Structured Literature Review on Obsolete Electric Vehicles Management Practices. <i>Sustainability</i> , 2019 , 11, 6876	3.6	25
47	The Economic Feasibility of Residential Energy Storage Combined with PV Panels: The Role of Subsidies in Italy. <i>Energies</i> , 2017 , 10, 1434	3.1	24
46	Consumer willingness to pay for bio-based products: Do certifications matter?. <i>International Journal of Production Economics</i> , 2021 , 240, 108248	9.3	24
45	Sustainable Italian Cities: The Added Value of Biomethane from Organic Waste. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2221	2.6	22
44	A Multicriteria Analysis of Photovoltaic Systems: Energetic, Environmental, and Economic Assessments. <i>International Journal of Photoenergy</i> , 2015 , 2015, 1-8	2.1	22
43	A multi-objective optimization strategy for energy plants in Italy. <i>Science of the Total Environment</i> , 2013 , 443, 955-64	10.2	21
42	The economic viability of photovoltaic systems in public buildings: Evidence from Italy. <i>Energy</i> , 2020 , 207, 118316	7.9	20
41	Municipal waste management and energy recovery in an Italian region. <i>Waste Management and Research</i> , 2012 , 30, 1290-8	4	19
40	Green recovery in the mature manufacturing industry: The role of the green-circular premium and sustainability certification in innovative efforts. <i>Ecological Economics</i> , 2022 , 193, 107311	5.6	19
39	A Socio-economic Indicator for EoL Strategies for Bio-based Products. <i>Ecological Economics</i> , 2020 , 178, 106794	5.6	18
38	E-Commerce Calls for Cyber-Security and Sustainability: How European Citizens Look for a Trusted Online Environment. <i>Sustainability</i> , 2021 , 13, 6752	3.6	18
37	Residential photovoltaic plant: environmental and economical implications from renewable support policies. <i>Clean Technologies and Environmental Policy</i> , 2015 , 17, 1929-1944	4.3	17

36	Growing e-waste management risk awareness points towards new recycling scenarios: The view of the Big Four's youngest consultants. <i>Environmental Technology and Innovation</i> , 2021 , 23, 101716	7	17
35	Nudging for the increased adoption of solar energy? Evidence from a survey in Italy. <i>Energy Research and Social Science</i> , 2021 , 74, 101978	7.7	16
34	A Social Analysis of the Olive Oil Sector: The Role of Family Business. <i>Resources</i> , 2019 , 8, 151	3.7	14
33	Zero waste approach towards a sustainable waste management. <i>Resources, Environment and Sustainability</i> , 2021 , 3, 100014	3.2	14
32	Exploring regional transitions to the bioeconomy using a socio-economic indicator: the case of Italy. <i>Economia Politica</i> , 2020 , 1	1	13
31	Spent FCC E-Cat: Towards a Circular Approach in the Oil Refining Industry. <i>Sustainability</i> , 2019 , 11, 113	3.6	13
30	Addressing the Challenges to Sustainable Initiatives in Value Chain Flexibility: Implications for Sustainable Development Goals. <i>Global Journal of Flexible Systems Management</i> , 1	5.9	13
29	Wasted liquid crystal displays as a source of value for e-waste treatment centers: a techno-economic analysis. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2019 , 19, 37-44	7.9	12
28	Optimizing plant size in the planning of renewable energy portfolios. <i>Letters in Spatial and Resource Sciences</i> , 2016 , 9, 169-187	0.9	11
27	The circular economy and bioeconomy in the fashion sector: Emergence of a 'Sustainability bias'. <i>Journal of Cleaner Production</i> , 2021 , 329, 129774	10.3	11
26	The case study of a photovoltaic plant located at the university of L'Aquila: An economic analysis. <i>Journal of Cleaner Production</i> , 2021 , 278, 123561	10.3	11
25	Industrial Photovoltaic Systems: An Economic Analysis in Non-Subsidized Electricity Markets. <i>Energies</i> , 2015 , 8, 12865-12880	3.1	9
24	Green Supply Chain and the Energy Recovery Plant in Abruzzo. <i>Procedia, Social and Behavioral Sciences</i> , 2011 , 25, 54-72		9
23	Resilience, Leadership and Female Entrepreneurship within the Context of SMEs: Evidence from Latin America. <i>Sustainability</i> , 2021 , 13, 8129	3.6	9
22	ASSESSMENT OF GHG EMISSIONS IN EUROPE: FUTURE ESTIMATES AND POLICY IMPLICATIONS. <i>Environmental Engineering and Management Journal</i> , 2020 , 19, 131-142	0.6	8
21	Smart and Sustainable Bioeconomy Platform: A New Approach towards Sustainability. <i>Sustainability</i> , 2022 , 14, 466	3.6	7
20	ASSESSING ENVIRONMENTAL AND ENERGETIC INDEXES IN 27 EUROPEAN COUNTRIES. <i>International Journal of Energy Economics and Policy</i> , 2021 , 11, 417-423	1.5	7
19	Intensifying effects of COVID-19 on economic growth, logistics performance, environmental sustainability and quality management: evidence from Asian countries. <i>Journal of Asia Business Studies</i> , 2021 , ahead-of-print,	2.7	7

18	Biomethane Community: A Research Agenda towards Sustainability. <i>Sustainability</i> , 2022 , 14, 4735	3.6	7
17	Assessing regional performance for the Sustainable Development Goals in Italy.. <i>Scientific Reports</i> , 2021 , 11, 24117	4.9	6
16	Italian Energy Portfolio Analysis: An Interactive Renewable Investments Tool. <i>Advanced Materials Research</i> , 2013 , 739, 768-776	0.5	5
15	URBAN WASTE TO ENERGY (WTE) PLANTS: A SOCIAL ANALYSIS. <i>JP Journal of Heat and Mass Transfer</i> , 2016 , 13, 421-444	1.9	5
14	What drives the solar energy transition? The effect of policies, incentives and behavior in a cross-country comparison. <i>Energy Research and Social Science</i> , 2022 , 85, 102405	7.7	5
13	Towards the circular economy in the fashion industry: the second-hand market as a best practice of sustainable responsibility for businesses and consumers.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	5
12	Economic sustainable development goals: Assessments and perspectives in Europe. <i>Journal of Cleaner Production</i> , 2022 , 354, 131730	10.3	4
11	Price analysis of extra virgin olive oil. <i>British Food Journal</i> , 2019 , 121, 1899-1911	2.8	3
10	Assessing the circularity performance in a European cross-country comparison. <i>Environmental Impact Assessment Review</i> , 2022 , 93, 106730	5.3	3
9	Reflective backward analysis to assess the operational performance and eco-efficiency of two industrial districts. <i>International Journal of Productivity and Performance Management</i> , 2021 , ahead-of-print,	2.3	3
8	Solar collective self-consumption: Economic analysis of a policy mix. <i>Ecological Economics</i> , 2022 , 199, 107480	5.6	3
7	An Analysis of Supply Chains in Renewable Energy Industries: A Survey in Italy. <i>Green Energy and Technology</i> , 2015 , 47-71	0.6	2
6	Methodological Perspective for Assessing European Consumers' Awareness of Cybersecurity and Sustainability in E-Commerce. <i>Sustainability</i> , 2021 , 13, 11343	3.6	2
5	The impact of a subsidized tax deduction on residential solar photovoltaic-battery energy storage systems. <i>Utilities Policy</i> , 2022 , 75, 101358	3.3	2
4	Dataset for Assessing the Economic Performance of a Residential PV Plant: The Analysis of a New Policy Proposal. <i>Data</i> , 2020 , 5, 101	2.3	1
3	The Implementation Challenges to Circular Economy Via-Sectoral Exploration 2022 , 11-21		0
2	Survey data for assessing the socio-economic performance of End of Life options of a bio-based product based on expert knowledge. <i>Data in Brief</i> , 2020 , 32, 106199	1.2	
1	Energy Improvement in the Building Sector: An Economic Analysis Relating to the most Common Italian Masonry. <i>Key Engineering Materials</i> , 2019 , 919, 236-247	0.4	

