

Federica Cucchiella

List of Publications by Year in descending order

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79
papers

3,729
citations

117625

34
h-index

128289

60
g-index

80
all docs

80
docs citations

80
times ranked

3942
citing authors

#	ARTICLE	IF	CITATIONS
1	Recycling of WEEEs: An economic assessment of present and future e-waste streams. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 51, 263-272.	16.4	599
2	Natural resource based green supply chain management. <i>Supply Chain Management</i> , 2012, 17, 54-67.	6.4	260
3	Risk management in supply chain: a real option approach. <i>Journal of Manufacturing Technology Management</i> , 2006, 17, 700-720.	6.4	218
4	Sustainable waste management: Waste to energy plant as an alternative to landfill. <i>Energy Conversion and Management</i> , 2017, 131, 18-31.	9.2	146
5	End-of-Life of used photovoltaic modules: A financial analysis. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 47, 552-561.	16.4	115
6	Modelling the correlations of e-waste quantity with economic increase. <i>Science of the Total Environment</i> , 2018, 613-614, 46-53.	8.0	113
7	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.	16.4	111
8	Photovoltaic energy systems with battery storage for residential areas: an economic analysis. <i>Journal of Cleaner Production</i> , 2016, 131, 460-474.	9.3	103
9	A comparison of environmental and energetic performance of European countries: A sustainability index. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 78, 401-413.	16.4	95
10	Environmental and economic analysis of building integrated photovoltaic systems in Italian regions. <i>Journal of Cleaner Production</i> , 2015, 98, 241-252.	9.3	90
11	Issue on supply chain of renewable energy. <i>Energy Conversion and Management</i> , 2013, 76, 774-780.	9.2	88
12	Sustainable management of waste-to-energy facilities. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 33, 719-728.	16.4	83
13	A techno-economic assessment of biogas upgrading in a developed market. <i>Journal of Cleaner Production</i> , 2019, 210, 945-957.	9.3	83
14	Evaluating solar energy profitability: A focus on the role of self-consumption. <i>Energy Conversion and Management</i> , 2014, 88, 317-331.	9.2	76
15	Efficiency and allocation of emission allowances and energy consumption over more sustainable European economies. <i>Journal of Cleaner Production</i> , 2018, 182, 805-817.	9.3	75
16	An economic analysis of biogas-biomethane chain from animal residues in Italy. <i>Journal of Cleaner Production</i> , 2019, 230, 888-897.	9.3	74
17	Technical and economic analysis of biomethane: A focus on the role of subsidies. <i>Energy Conversion and Management</i> , 2016, 119, 338-351.	9.2	71
18	A profitability analysis of small-scale plants for biomethane injection into the gas grid. <i>Journal of Cleaner Production</i> , 2018, 184, 179-187.	9.3	68

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19	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.	16.4	61
20	Economic Analysis of a Photovoltaic System: A Resource for Residential Households. <i>Energies</i> , 2017, 10, 814.	3.1	60
21	Investments and cleaner energy production: A portfolio analysis in the Italian electricity market. <i>Journal of Cleaner Production</i> , 2017, 142, 121-132.	9.3	54
22	Solar Photovoltaic Panels Combined with Energy Storage in a Residential Building: An Economic Analysis. <i>Sustainability</i> , 2018, 10, 3117.	3.2	54
23	Automotive printed circuit boards recycling: an economic analysis. <i>Journal of Cleaner Production</i> , 2016, 121, 130-141.	9.3	53
24	A methodological framework for innovation transfer to SMEs. <i>Industrial Management and Data Systems</i> , 2002, 102, 271-283.	3.7	52
25	Future Trajectories of Renewable Energy Consumption in the European Union. <i>Resources</i> , 2018, 7, 10.	3.5	51
26	Renewable energy options for buildings: Performance evaluations of integrated photovoltaic systems. <i>Energy and Buildings</i> , 2012, 55, 208-217.	6.7	48
27	Feasibility study of developing photovoltaic power projects in Italy: An integrated approach. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 1562-1576.	16.4	48
28	Financial analysis for investment and policy decisions in the renewable energy sector. <i>Clean Technologies and Environmental Policy</i> , 2015, 17, 887-904.	4.1	47
29	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.	5.5	44
30	Strategic municipal solid waste management: A quantitative model for Italian regions. <i>Energy Conversion and Management</i> , 2014, 77, 709-720.	9.2	44
31	A profitability assessment of small-scale photovoltaic systems in an electricity market without subsidies. <i>Energy Conversion and Management</i> , 2016, 129, 62-74.	9.2	44
32	The management of greenhouse gas emissions and its effects on firm performance. <i>Journal of Cleaner Production</i> , 2017, 167, 1387-1400.	9.3	43
33	Environmental and economic benefits of optimal insulation thickness: A life-cycle cost analysis. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 116, 109441.	16.4	40
34	Analysis and evaluation of €supply chain performances. <i>Industrial Management and Data Systems</i> , 2004, 104, 546-557.	3.7	39
35	Sustainable Italian Cities: The Added Value of Biomethane from Organic Waste. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2221.	2.5	36
36	Biomethane: A Renewable Resource as Vehicle Fuel. <i>Resources</i> , 2017, 6, 58.	3.5	35

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37	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	32
38	Scrap automotive electronics: A mini-review of current management practices. <i>Waste Management and Research</i> , 2016, 34, 3-10.	3.9	29
39	A Multicriteria Analysis of Photovoltaic Systems: Energetic, Environmental, and Economic Assessments. <i>International Journal of Photoenergy</i> , 2015, 2015, 1-8.	2.5	27
40	Circular Economy and E-Waste: An Opportunity from RFID TAGs. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3422.	2.5	27
41	An integrated sustainable and profitable approach of energy efficiency in heritage buildings. <i>Journal of Cleaner Production</i> , 2020, 251, 119516.	9.3	25
42	Managing Absenteeism in the Workplace: The Case of an Italian Multiutility Company. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 150, 1157-1166.	0.5	23
43	A multi-objective optimization strategy for energy plants in Italy. <i>Science of the Total Environment</i> , 2013, 443, 955-964.	8.0	21
44	Municipal waste management and energy recovery in an Italian region. <i>Waste Management and Research</i> , 2012, 30, 1290-1298.	3.9	20
45	Thermal Transmittance Measurements of the Historical Masonries: Some Case Studies. <i>Energies</i> , 2018, 11, 2987.	3.1	20
46	Residential photovoltaic plant: environmental and economical implications from renewable support policies. <i>Clean Technologies and Environmental Policy</i> , 2015, 17, 1929-1944.	4.1	18
47	Green supply chain: how do carbon management and sustainable development create competitive advantage for the supply chain?. <i>Supply Chain Management</i> , 2012, 17, .	6.4	14
48	Optimizing plant size in the planning of renewable energy portfolios. <i>Letters in Spatial and Resource Sciences</i> , 2016, 9, 169-187.	2.5	12
49	Planning restoration of a historical landscape: A case study for integrating a sustainable street lighting system with conservation of historical values. <i>Journal of Cleaner Production</i> , 2017, 165, 579-588.	9.3	12
50	An integrated framework for e€supply networks analysis. <i>Supply Chain Management</i> , 2005, 10, 84-95.	6.4	10
51	Green Supply Chain and the Energy Recovery Plant in Abruzzo. <i>Procedia, Social and Behavioral Sciences</i> , 2011, 25, 54-72.	0.5	10
52	Industrial Photovoltaic Systems: An Economic Analysis in Non-Subsidized Electricity Markets. <i>Energies</i> , 2015, 8, 12865-12880.	3.1	10
53	Renewable Energy Policies: Bibliometric Review and Policy Implications. <i>Environmental and Climate Technologies</i> , 2020, 24, 403-417.	1.4	10
54	Performance improvement: an active life cycle product management. <i>International Journal of Systems Science</i> , 2010, 41, 301-313.	5.5	9

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55	A Sustainable Solution for Energy Efficiency in Italian Climatic Contexts. <i>Energies</i> , 2020, 13, 2817.	3.1	8
56	Energy Transitions in Western European Countries: Regulation Comparative Analysis. <i>Energies</i> , 2021, 14, 3940.	3.1	7
57	Planning and prioritizing of energy retrofits for the cities of the future. <i>Cities</i> , 2021, 116, 103272.	5.6	7
58	A decision-making tool for transition towards efficient lighting in a context of safeguarding of cultural heritage in support of the 2030 agenda. <i>Journal of Cleaner Production</i> , 2021, 317, 128468.	9.3	6
59	Renewable Energy Sources in Minor Historical Centers. <i>New Scenarios of Sustainable Development of the Territory. Green Energy and Technology</i> , 2015, , 75-106.	0.6	6
60	URBAN WASTE TO ENERGY (WTE) PLANTS: A SOCIAL ANALYSIS. <i>JP Journal of Heat and Mass Transfer</i> , 2016, 13, 421-444.	0.2	6
61	Italian Energy Portfolio Analysis: An Interactive Renewable Investments Tool. <i>Advanced Materials Research</i> , 2013, 739, 768-776.	0.3	5
62	An Analysis of Supply Chains in Renewable Energy Industries: A Survey in Italy. <i>Green Energy and Technology</i> , 2015, , 47-71.	0.6	5
63	Risk management in a globalised cosmetic firm. <i>International Journal of Logistics Economics and Globalisation</i> , 2007, 1, 21.	0.5	4
64	Solar Photovoltaic Optimal Tilt Angles in Public Building. <i>Environmental and Climate Technologies</i> , 2020, 24, 265-277.	1.4	4
65	Framework for Computerizing the Processes of a Job and Automating the Operational Management on Site—A Case Study of Demolition and Reconstruction Construction Site. <i>Buildings</i> , 2022, 12, 800.	3.1	4
66	Translating the supply chain uncertainty into a firm new value. <i>International Journal of Agile Systems and Management</i> , 2008, 3, 192.	0.3	3
67	Data Envelopment Analysis to Compare Renewable Energy Efficiency in the Italian Regions. <i>Advanced Materials Research</i> , 2014, 912-914, 1607-1611.	0.3	3
68	Sensorial Multifunctional Panels for Smart Factory Applications. <i>Electronics (Switzerland)</i> , 2021, 10, 1495.	3.1	3
69	Economic and environmental assessment of thermal insulation. A case study in the Italian context. <i>Case Studies in Construction Materials</i> , 2021, 15, e00682.	1.7	2
70	Enterprise Network and Supply Chain Structure: the Role of Fit. , 2010, , 67-98.		2
71	Switch option: managing strategic investment in an uncertain world. <i>International Journal of Enterprise Network Management</i> , 2008, 2, 167.	0.3	1
72	A 3D Printable Apparatus for the Industrial Programming of NFC/RFID TAGs. , 2019, , .		1

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73	Sustainability of Biogas Based Projects: Technical and Economic Analysis. E3S Web of Conferences, 2019, 93, 03001.	0.5	1
74	WASTE TO ENERGY PLANT AS AN ENERGY RENEWABLE SOURCE: FINANCIAL FEASIBILITY. JP Journal of Heat and Mass Transfer, 2015, 13, 93-117.	0.2	1
75	Real Option Approach for the Management of a New Product Development in the Pharmaceutical Sector. Advanced Materials Research, 2013, 746, 551-556.	0.3	0
76	Data Envelopment Analysis to Evaluate Photovoltaic Plants in Italy. Advanced Materials Research, 0, 827, 435-440.	0.3	0
77	Tariff regulation of the integrated water service: an Italian case. WIT Transactions on Ecology and the Environment, 2008, , .	0.0	0
78	Energy Improvement in the Building Sector: An Economic Analysis Relating to the most Common Italian Masonry. Key Engineering Materials, 0, 919, 236-247.	0.4	0
79	Secondary Raw Materials for Circular Economy in Construction Sector: A Review. Key Engineering Materials, 0, 919, 260-269.	0.4	0