

Carlo Ingrao

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

2,586
citations

168829

31
h-index

223390

49
g-index

70
all docs

70
docs citations

70
times ranked

3440
citing authors

#	ARTICLE	IF	CITATIONS
1	Digital innovation through networking among agro-food SMEs: the role of R&D projects. <i>British Food Journal</i> , 2023, 125, 1217-1231.	1.6	4
2	A systematic literature review of life cycle assessments in the durum wheat sector. <i>Science of the Total Environment</i> , 2022, 844, 157230.	3.9	26
3	Feasibility of usage of hemp as a feedstock for anaerobic digestion: Findings from a literature review of the relevant technological and energy dimensions. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 1129-1158.	6.6	5
4	Supply of agricultural biomass residues for on-farm composting: a cross-analysis of relevant data sets for the most sustainable management combination. <i>Agroecology and Sustainable Food Systems</i> , 2021, 45, 134-156.	1.0	5
5	Chemistry behind leather: Life Cycle Assessment of nano-hydroxyapatite preparation on the lab-scale for fireproofing applications. <i>Journal of Cleaner Production</i> , 2021, 279, 123837.	4.6	20
6	Freight transport in the context of industrial ecology and sustainability: evaluation of uni- and multi-modality scenarios via life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 127-142.	2.2	16
7	Latent relationships between environmental impacts of cultivation practices and land market: Evidences from a spatial quantile regression analysis in Italy. <i>Journal of Cleaner Production</i> , 2021, 279, 123648.	4.6	11
8	Spent coffee waste as a renewable source for the production of sustainable poly(butylene succinate) biocomposites from a circular economy perspective. <i>RSC Advances</i> , 2021, 11, 18580-18589.	1.7	25
9	Life Cycle Sustainability Analysis of Resource Recovery from Waste Management Systems in a Circular Economy Perspective Key Findings from This Special Issue. <i>Resources</i> , 2021, 10, 32.	1.6	8
10	Introduction to the special issue "Sustainability Issues of Food Processing and Packaging: the Role of Life Cycle Assessment". <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 726-737.	2.2	2
11	The contribution of sensor-based equipment to life cycle assessment through improvement of data collection in the industry. <i>Environmental Impact Assessment Review</i> , 2021, 88, 106569.	4.4	11
12	Application of Life Cycle Assessment to chemical recycling of post-use glass containers on the laboratory scale towards circular economy implementation. <i>Journal of Cleaner Production</i> , 2021, 307, 127319.	4.6	11
13	Durum Wheat Straw as Enveloping and Insulating Material in Buildings: Is It Sustainable? Findings from a Comparative Energy and Environmental Assessment of Alternative Solutions. , 2021, , .		0
14	Wheat-straw derived bioethanol production: A review of Life Cycle Assessments. <i>Science of the Total Environment</i> , 2021, 781, 146751.	3.9	42
15	Durum-Wheat Straw Bales for Thermal Insulation of Buildings: Findings from a Comparative Energy Analysis of a Set of Wall-Composition Samples on the Building Scale. <i>Energies</i> , 2021, 14, 5508.	1.6	4
16	Energy and environmental assessment of plastic granule production from recycled greenhouse covering films in a circular economy perspective. <i>Journal of Environmental Management</i> , 2020, 254, 109796.	3.8	33
17	A comprehensive review of environmental and operational issues of constructed wetland systems. <i>Current Opinion in Environmental Science and Health</i> , 2020, 13, 35-45.	2.1	55
18	A review on recent advancements in performance enhancement techniques for low-temperature solar collectors. <i>Energy Conversion and Management</i> , 2020, 222, 113246.	4.4	99

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19	Indicators for Circular Economy in the Agri-food Sector. Resources, Conservation and Recycling, 2020, 163, 105028.	5.3	11
20	How sustainable are biopolymers? Findings from a life cycle assessment of polyhydroxyalkanoate production from rapeseed-oil derivatives. Science of the Total Environment, 2020, 749, 141279.	3.9	32
21	Life-Cycle Assessment in the Polymeric Sector: A Comprehensive Review of Application Experiences on the Italian Scale. Polymers, 2020, 12, 1212.	2.0	48
22	Energy consumption of rainfed durum wheat cultivation in a Mediterranean area using three different soil management systems. Energy, 2020, 195, 116960.	4.5	21
23	Energy and carbon footprint assessment of production of hemp hurds for application in buildings. Environmental Impact Assessment Review, 2020, 84, 106417.	4.4	40
24	Tomato puree in the Mediterranean region: An environmental Life Cycle Assessment, based upon data surveyed at the supply chain level. Journal of Cleaner Production, 2019, 233, 292-313.	4.6	27
25	Resources, Collaborators, and Neighbors: The Three-Pronged Challenge in the Implementation of Bioeconomy Regions. Sustainability, 2019, 11, 7235.	1.6	35
26	Energy and Environmental Assessments of Agro-biogas Supply Chains for Energy Generation: A Comprehensive Review. Green Energy and Technology, 2019, , 99-117.	0.4	0
27	Life cycle assessment of expanded clay granulate production using different fuels. Resources, Conservation and Recycling, 2019, 141, 398-409.	5.3	19
28	Investigating energy and environmental issues of agro-biogas derived energy systems: A comprehensive review of Life Cycle Assessments. Renewable Energy, 2019, 136, 296-307.	4.3	68
29	Socio-Economic Requirements as a Fundament of Innovation in Food Packaging. Journal of Entrepreneurship, Management and Innovation, 2019, 15, 231-256.	0.6	5
30	Food waste recovery into energy in a circular economy perspective: A comprehensive review of aspects related to plant operation and environmental assessment. Journal of Cleaner Production, 2018, 184, 869-892.	4.6	134
31	Bio-based and recycled-waste materials in buildings: A study of energy performance of hemp-lime concrete and recycled-polyethylene terephthalate façades for office facilities in France and Italy. Science and Technology for the Built Environment, 2018, 24, 492-501.	0.8	20
32	Assessment of biowaste losses through unsound waste management practices in rural areas and the role of home composting. Journal of Cleaner Production, 2018, 172, 1631-1638.	4.6	61
33	Beyond the Water Footprint: A new framework proposal to assess freshwater environmental impact and consumption. Journal of Cleaner Production, 2018, 172, 4189-4199.	4.6	37
34	A combined assessment of the energy, economic and environmental issues associated with on-farm manure composting processes: Two case studies in South of Italy. Journal of Cleaner Production, 2018, 172, 3969-3981.	4.6	42
35	An energy and carbon footprint assessment upon the usage of hemp-lime concrete and recycled-PET façades for office facilities in France and Italy. Journal of Cleaner Production, 2018, 170, 1640-1653.	4.6	54
36	A comparative Life Cycle Assessment between organic and conventional barley cultivation for sustainable agriculture pathways. Journal of Cleaner Production, 2018, 172, 3747-3759.	4.6	72

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37	Energy and environmental assessment of a traditional durum-wheat bread. <i>Journal of Cleaner Production</i> , 2018, 171, 1494-1509.	4.6	33
38	Environmental Life Cycle Assessment of marine sediment decontamination by citric acid enhanced-microwave heating. <i>Science of the Total Environment</i> , 2018, 619-620, 72-82.	3.9	15
39	Quality- and sustainability-related issues associated with biopolymers for food packaging applications. , 2018, , 401-418.		11
40	The potential roles of bio-economy in the transition to equitable, sustainable, post fossil-carbon societies: Findings from this virtual special issue. <i>Journal of Cleaner Production</i> , 2018, 204, 471-488.	4.6	81
41	Barrier Properties of Poly(Propylene Cyclohexanedicarboxylate) Random Eco-Friendly Copolyesters. <i>Polymers</i> , 2018, 10, 502.	2.0	17
42	How can life cycle thinking support sustainability of buildings? Investigating life cycle assessment applications for energy efficiency and environmental performance. <i>Journal of Cleaner Production</i> , 2018, 201, 556-569.	4.6	151
43	THE (DOMINANCE BASED) ROUGH SET APPROACH APPLIED TO AIR POLLUTION IN A HIGH RISK RATE INDUSTRIAL AREA. <i>Environmental Engineering and Management Journal</i> , 2018, 17, 591-599.	0.2	3
44	Life cycle assessment for highlighting environmental hotspots in the Sicilian traditional ceramic sector: the case of ornamental ceramic plates. <i>Journal of Cleaner Production</i> , 2017, 142, 225-239.	4.6	15
45	Correlation amongst gas barrier behaviour, temperature and thickness in BOPP films for food packaging usage: A lab-scale testing experience. <i>Polymer Testing</i> , 2017, 59, 277-289.	2.3	22
46	An attributional Life Cycle Assessment application experience to highlight environmental hotspots in the production of foamy polylactic acid trays for fresh-food packaging usage. <i>Journal of Cleaner Production</i> , 2017, 150, 93-103.	4.6	66
47	An input flow analysis for improved environmental sustainability and management of cherry orchards: A case study in the Apulia region. <i>Journal of Cleaner Production</i> , 2017, 156, 766-774.	4.6	13
48	Gas transport and characterization of poly(3 hydroxybutyrate) films. <i>European Polymer Journal</i> , 2017, 91, 149-161.	2.6	25
49	Virtual Special Issue on sustainability issues of by-product and waste management systems to produce building material commodities. <i>Resources, Conservation and Recycling</i> , 2017, 126, A4-A5.	5.3	8
50	The Use of Polylactic Acid in Food Packaging. , 2016, , .		1
51	Life cycle assessment applied to the sector of microelectronic devices. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	1
52	Agricultural and forest biomass for food, materials and energy: bio-economy as the cornerstone to cleaner production and more sustainable consumption patterns for accelerating the transition towards equitable, sustainable, post fossil-carbon societies. <i>Journal of Cleaner Production</i> , 2016, 117, 4-6.	4.6	58
53	Greenhouse gas emissions of an agro-biogas energy system: Estimation under the Renewable Energy Directive. <i>Science of the Total Environment</i> , 2016, 550, 1182-1195.	3.9	35
54	A comparative Life Cycle Assessment of external wall-compositions for cleaner construction solutions in buildings. <i>Journal of Cleaner Production</i> , 2016, 124, 283-298.	4.6	81

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55	Application of water footprint to olive growing systems in the Apulia region: a comparative assessment. <i>Journal of Cleaner Production</i> , 2016, 112, 2407-2418.	4.6	96
56	Assessment of the influence of energy density and feedstock transport distance on the environmental performance of methane from maize silages. <i>Bioresource Technology</i> , 2015, 193, 256-265.	4.8	20
57	Life Cycle Assessment for highlighting environmental hotspots in Sicilian peach production systems. <i>Journal of Cleaner Production</i> , 2015, 92, 109-120.	4.6	85
58	Energy and environmental assessment of industrial hemp for building applications: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 51, 29-42.	8.2	166
59	Application of Carbon Footprint to an agro-biogas supply chain in Southern Italy. <i>Applied Energy</i> , 2015, 149, 75-88.	5.1	33
60	Foamy polystyrene trays for fresh-meat packaging: Life-cycle inventory data collection and environmental impact assessment. <i>Food Research International</i> , 2015, 76, 418-426.	2.9	55
61	Polylactic acid trays for fresh-food packaging: A Carbon Footprint assessment. <i>Science of the Total Environment</i> , 2015, 537, 385-398.	3.9	92
62	Environmental assessment of a multilayer polymer bag for food packaging and preservation: An LCA approach. <i>Food Research International</i> , 2014, 62, 151-161.	2.9	108
63	Recycled-PET fibre based panels for building thermal insulation: Environmental impact and improvement potential assessment for a greener production. <i>Science of the Total Environment</i> , 2014, 493, 914-929.	3.9	77
64	The use of basalt aggregates in the production of concrete for the prefabrication industry: Environmental impact assessment, interpretation and improvement. <i>Journal of Cleaner Production</i> , 2014, 75, 195-204.	4.6	48
65	Life Cycle Inventory analysis of a precast reinforced concrete shed for goods storage. <i>Journal of Cleaner Production</i> , 2014, 79, 152-167.	4.6	20
66	Life cycle assessment of CRT lead recovery process. <i>International Journal of Product Lifecycle Management</i> , 2014, 7, 201.	0.1	14