

# Paolo Rosa

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

3,173  
citations

201385

27  
h-index

377514

34  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2875  
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.	8.2	599
2	Circular economy performance assessment methods: A systematic literature review. <i>Journal of Cleaner Production</i> , 2019, 229, 440-453.	4.6	377
3	Assessing relations between Circular Economy and Industry 4.0: a systematic literature review. <i>International Journal of Production Research</i> , 2020, 58, 1662-1687.	4.9	362
4	Towards Circular Business Models: A systematic literature review on classification frameworks and archetypes. <i>Journal of Cleaner Production</i> , 2019, 236, 117696.	4.6	198
5	End-of-Life of used photovoltaic modules: A financial analysis. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 47, 552-561.	8.2	115
6	Modelling the correlations of e-waste quantity with economic increase. <i>Science of the Total Environment</i> , 2018, 613-614, 46-53.	3.9	113
7	Circular Business Models versus circular benefits: An assessment in the waste from Electrical and Electronic Equipments sector. <i>Journal of Cleaner Production</i> , 2019, 231, 940-952.	4.6	96
8	A comparison of environmental and energetic performance of European countries: A sustainability index. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 78, 401-413.	8.2	95
9	Integrating Virtual Reality and Digital Twin in Circular Economy Practices: A Laboratory Application Case. <i>Sustainability</i> , 2020, 12, 2286.	1.6	91
10	Economic Feasibility for Recycling of Waste Crystalline Silicon Photovoltaic Modules. <i>International Journal of Photoenergy</i> , 2017, 2017, 1-6.	1.4	89
11	Addressing circular economy through design for X approaches: A systematic literature review. <i>Computers in Industry</i> , 2020, 120, 103245.	5.7	89
12	Bioeconomy of Sustainability: Drivers, Opportunities and Policy Implications. <i>Sustainability</i> , 2022, 14, 200.	1.6	78
13	Towards sustainable recycling processes: Wasted printed circuit boards as a source of economic opportunities. <i>Resources, Conservation and Recycling</i> , 2019, 149, 455-467.	5.3	76
14	Recycling of end-of-life vehicles: Assessing trends and performances in Europe. <i>Technological Forecasting and Social Change</i> , 2020, 152, 119887.	6.2	75
15	Circular business models in the European manufacturing industry: A multiple case study analysis. <i>Journal of Cleaner Production</i> , 2020, 274, 122964.	4.6	64
16	Circular supply chains in the era of industry 4.0: A systematic literature review. <i>Computers and Industrial Engineering</i> , 2022, 170, 108268.	3.4	62
17	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.	8.2	61
18	Current state of renewable energies performances in the European Union: A new reference framework. <i>Energy Conversion and Management</i> , 2016, 121, 84-92.	4.4	58

#	ARTICLE	IF	CITATIONS
19	Automotive printed circuit boards recycling: an economic analysis. Journal of Cleaner Production, 2016, 121, 130-141.	4.6	53
20	How Do You See Infrastructure? Green Energy to Provide Economic Growth after COVID-19. Sustainability, 2020, 12, 4738.	1.6	52
21	Improving end of life vehicle's management practices: An economic assessment through system dynamics. Journal of Cleaner Production, 2018, 184, 520-536.	4.6	48
22	Remanufacturing in industry: advices from the field. International Journal of Advanced Manufacturing Technology, 2016, 86, 2575-2584.	1.5	44
23	Supporting disassembly processes through simulation tools: A systematic literature review with a focus on printed circuit boards. Journal of Manufacturing Systems, 2021, 60, 429-448.	7.6	43
24	A Structured Literature Review on Obsolete Electric Vehicles Management Practices. Sustainability, 2019, 11, 6876.	1.6	34
25	Challenges in Waste Electrical and Electronic Equipment Management: A Profitability Assessment in Three European Countries. Sustainability, 2016, 8, 633.	1.6	32
26	A Sustainable Revolution: Let's Go Sustainable to Get Our Globe Cleaner. Sustainability, 2020, 12, 4387.	1.6	31
27	Scrap automotive electronics: A mini-review of current management practices. Waste Management and Research, 2016, 34, 3-10.	2.2	29
28	Assessing the circularity performance in a European cross-country comparison. Environmental Impact Assessment Review, 2022, 93, 106730.	4.4	24
29	Comparison of current practices for a combined management of printed circuit boards from different waste streams. Journal of Cleaner Production, 2016, 137, 300-312.	4.6	22
30	Life Cycle Assessment Tool in Product Development: Environmental Requirements in Decision Making Process. Procedia CIRP, 2016, 40, 202-208.	1.0	21
31	Wasted liquid crystal displays as a source of value for e-waste treatment centers: a techno-economic analysis. Current Opinion in Green and Sustainable Chemistry, 2019, 19, 37-44.	3.2	20
32	Industrial Photovoltaic Systems: An Economic Analysis in Non-Subsidized Electricity Markets. Energies, 2015, 8, 12865-12880.	1.6	10
33	Waste Electrical and Electronic Equipments versus End of Life Vehicles: A State of the Art Analysis and Quantification of Potential Profits. Procedia CIRP, 2016, 48, 502-507.	1.0	5
34	Industry 4.0 solutions supporting Circular Economy. , 2020, , .		4
35	Lifecycle optimization in the refrigeration industry: A literature review. , 2015, , .		1
36	Circular Economy-oriented Simulation: A Literature Review Grounded on Empirical Cases. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
37	Circular Business Models Identification. SpringerBriefs in Applied Sciences and Technology, 2021, , 9-16.	0.2	0