

Valerio Elia

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.

26

papers

648

citations

12

h-index

25

g-index

26

ext. papers

811

ext. citations

4

avg, IF

4.87

L-index

#	Paper	IF	Citations
26	Measuring circular economy strategies through index methods: A critical analysis. <i>Journal of Cleaner Production</i> , 2017 , 142, 2741-2751	10.3	340
25	Designing Pay-As-You-Throw schemes in municipal waste management services: A holistic approach. <i>Waste Management</i> , 2015 , 44, 188-95	8.6	41
24	Designing an effective closed loop system for pallet management. <i>International Journal of Production Economics</i> , 2015 , 170, 730-740	9.3	32
23	Carbon capture and reuse in an industrial district: A technical and economic feasibility study. <i>Journal of CO2 Utilization</i> , 2015 , 10, 23-29	7.6	29
22	Is Digital Twin Technology Supporting Safety Management? A Bibliometric and Systematic Review. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2767	2.6	26
21	Improving logistic efficiency of WEEE collection through dynamic scheduling using simulation modeling. <i>Waste Management</i> , 2018 , 72, 78-86	8.6	26
20	Evaluating the adoption of circular economy practices in industrial supply chains: An empirical analysis. <i>Journal of Cleaner Production</i> , 2020 , 273, 122966	10.3	20
19	A classification proposal of digital twin applications in the safety domain. <i>Computers and Industrial Engineering</i> , 2021 , 154, 107137	6.4	19
18	Waste Electrical and Electronic Equipment (WEEE): Flows, Quantities, and Management A Global Scenario 2019 , 1-34		16
17	Assessing the Efficiency of a PSS Solution for Waste Collection: A Simulation Based Approach. <i>Procedia CIRP</i> , 2016 , 47, 252-257	1.8	16
16	Performance of the E771 RPC muon detector at Fermilab. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 337, 350-354	1.2	13
15	Comparing environmental product footprint for electronic and electric equipment: a multi-criteria approach. <i>International Journal of Sustainable Engineering</i> , 2014 , 7, 360-373	3.1	12
14	How to design and manage WEEE systems: a multi-level analysis. <i>International Journal of Environment and Waste Management</i> , 2015 , 15, 271	0.9	10
13	A strategic quantitative approach for sustainable energy production from biomass. <i>International Journal of Sustainable Engineering</i> , 2011 , 4, 127-135	3.1	7
12	The Fermilab E771 spectrometer A large aperture spectrometer to study charm and beauty states as detected by decays into muons. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 376, 375-396	1.2	7
11	FNAL E771 fast muon trigger. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 355, 320-328	1.2	6
10	FNAL E771 RPC muon trigger. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 360, 334-339	1.2	6

9	RFID technology for an intelligent public transport network management. <i>International Journal of RF Technologies: Research and Applications</i> , 2012 , 3, 1-13	0.9	5
8	An environmental sustainability analysis in the printing sector. <i>International Journal of Sustainable Engineering</i> , 2013 , 6, 188-197	3.1	5
7	Mobile self-checkout systems in the FMCG retail sector: A comparison analysis. <i>International Journal of RF Technologies: Research and Applications</i> , 2015 , 6, 207-224	0.9	4
6	An activity based costing model for evaluating effectiveness of RFID technology in pallet reverse logistics system 2015 ,		3
5	Designing a sustainable dynamic collection service for WEEE: an economic and environmental analysis through simulation. <i>Waste Management and Research</i> , 2019 , 37, 402-411	4	3
4	Exploring the Benefits of Productization in the Utilities Sector. <i>Sustainability</i> , 2019 , 11, 5864	3.6	2
3	Applications of smart technologies for automatic near miss detection in the industrial safety. <i>Procedia Computer Science</i> , 2022 , 200, 1282-1287	1.6	0
2	Effects of high energy protons on the E771 silicon microstrip detector. <i>Radiation Physics and Chemistry</i> , 1993 , 41, 427-436	2.5	
1	RFID Applications in the Supply Chain: An Evaluation Framework 2010 , 737-761		