

# Paolo Cicconi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4863521/publications.pdf>

Version: 2024-02-01

50  
papers

355  
citations

1305906

8  
h-index

1051228

16  
g-index

53  
all docs

53  
docs citations

53  
times ranked

497  
citing authors

#	ARTICLE	IF	CITATIONS
1	A CAD-Based Framework for Interactive Analysis in the Restoration of Bronze Statues. Lecture Notes in Mechanical Engineering, 2022, , 938-950.	0.3	1
2	An Approach for the Responsible Design of the Packaging Employed in Household Appliances. Lecture Notes in Mechanical Engineering, 2022, , 381-389.	0.3	1
3	Design for Additive Manufacturing: Methods and Tools. Applied Sciences (Switzerland), 2022, 12, 6548.	1.3	0
4	Designing die inserts by additive approach: a test case. Procedia CIRP, 2021, 100, 702-707.	1.0	2
5	A design method for improving assembly and environmental sustainability in packaging solutions: a case study in household appliances. International Journal of Sustainable Engineering, 2021, 14, 574-589.	1.9	1
6	Metal Additive Manufacturing for the Rapid Prototyping of Shaped Parts: A Case Study. Computer-Aided Design and Applications, 2021, 18, 1061-1079.	0.4	10
7	A multi-objective sequential method for manufacturing cost and structural optimization of modular steel towers. Engineering With Computers, 2020, 36, 475-497.	3.5	18
8	Eco-design and Eco-materials: An interactive and collaborative approach. Sustainable Materials and Technologies, 2020, 23, e00135.	1.7	26
9	A support approach for the modular design of Li-ion batteries: A test case with PCM. Journal of Energy Storage, 2020, 31, 101684.	3.9	24
10	Integrating a constraint-based optimization approach into the design of oil & gas structures. Advanced Engineering Informatics, 2020, 45, 101129.	4.0	3
11	A constraint-based approach for optimizing the design of overhead lines. International Journal on Interactive Design and Manufacturing, 2020, 14, 1121-1139.	1.3	4
12	Analysis of LGV usage for the improvement of a customized production. Procedia Manufacturing, 2020, 51, 1606-1613.	1.9	1
13	Design Optimization: Tools and Methods for ETO Products. Lecture Notes in Mechanical Engineering, 2020, , 516-527.	0.3	2
14	Analyzing the environmental sustainability of packaging for household appliances: A test case. Procedia CIRP, 2020, 90, 355-360.	1.0	4
15	A life cycle costing of compacted lithium titanium oxide batteries for industrial applications. Journal of Power Sources, 2019, 436, 226837.	4.0	20
16	A Knowledge Based Approach to Support the Conceptual Design of ETO Products. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 2417-2426.	0.6	0
17	A design methodology for the virtual energy labelling of cooking ovens. International Journal on Interactive Design and Manufacturing, 2019, 13, 851-871.	1.3	1
18	A Model-Based Approach to Support the Design of Mold Heating for Composites. Lecture Notes in Mechanical Engineering, 2019, , 391-401.	0.3	0

#	ARTICLE	IF	CITATIONS
19	A Design Approach for Overhead Lines Considering Configurations and Simulations. Computer-Aided Design and Applications, 2019, 17, 797-812.	0.4	2
20	An Industry 4.0 Framework for the Quality Inspection in Gearboxes Production. Computer-Aided Design and Applications, 2019, 17, 813-824.	0.4	6
21	A Comparative Assessment of Learning Outcomes in Online vs Traditional Teaching of Engineering Drawing. Communications in Computer and Information Science, 2019, , 149-162.	0.4	2
22	A model-based simulation approach to support the product configuration and optimization of gas turbine ducts. Computer-Aided Design and Applications, 2018, 15, 807-818.	0.4	6
23	A method for the cost optimization of industrial electrical routings. Computer-Aided Design and Applications, 2018, 15, 747-756.	0.4	5
24	A Framework to Support the Optimization of Modularized Oil and Gas Structures. , 2018, , .		1
25	An Ecodesign approach for the lightweight engineering of cast iron parts. International Journal of Advanced Manufacturing Technology, 2018, 99, 2365-2388.	1.5	8
26	Induction Mold Heating: Modelling and Hardware-in-the-Loop Simulation for Temperature Control. , 2018, , .		0
27	Energy Saving in Industrial Wireless Power Recharge System: Simulation of a PI-Sliding Mode Control for a Non-Inverting Buck-Boost Converter. , 2018, , .		0
28	A CSP-based design framework for appliances under energy labelling. International Journal on Interactive Design and Manufacturing, 2018, 12, 1243-1263.	1.3	3
29	Study and Design of Sustainable Packaging for Household Hoods. , 2018, , .		2
30	Thermal analysis and simulation of a Li-ion battery pack for a lightweight commercial EV. Applied Energy, 2017, 192, 159-177.	5.1	80
31	An approach to support model based definition by PMI annotations. Computer-Aided Design and Applications, 2017, 14, 526-534.	0.4	5
32	A support approach for the conceptual design of energy-efficient cooker hoods. Applied Energy, 2017, 206, 222-239.	5.1	12
33	Temperature control of an innovative aluminium-steel molds induction preheat process placed on automated laser guided vehicles. , 2017, , .		6
34	A Multi-Objective and Multi-Level Design Optimization Method for Oil and Gas Ducts. , 2017, , .		0
35	A design methodology to predict the product energy efficiency through a configuration tool. Lecture Notes in Mechanical Engineering, 2017, , 1095-1105.	0.3	3
36	Cyber-physical system integration for industry 4.0: Modelling and simulation of an induction heating process for aluminium-steel molds in footwear soles manufacturing. , 2017, , .		17

#	ARTICLE	IF	CITATIONS
37	Modelling and hardware-in-the-loop simulation for energy management in induction cooktops. , 2017, , .		2
38	A Design Methodology to Support the Optimization of Steel Structures. Procedia CIRP, 2016, 50, 58-64.	1.0	14
39	Automation of drafting execution by schemes definitions and feature recognition. Computer-Aided Design and Applications, 2016, 13, 459-470.	0.4	2
40	A Methodological Approach for Supporting the Thermal Design of Li-Ion Battery for Customized Electric Vehicles. , 2014, , .		1
41	A Modular Optimization Method Based on a Multi-DOE Approach Proposed for a Centrifugal Impeller. , 2014, , .		1
42	Life cycle cost from consumer side: A comparison between traditional and ecological vehicles. , 2014, , .		5
43	Virtual Prototyping Approach to Evaluate the Thermal Management of Li-Ion Batteries. , 2014, , .		5
44	Cooling Simulation of an EV Battery Pack to Support a Retrofit Project from Lead-Acid to Li-Ion Cells. , 2013, , .		0
45	Modeling and thermal simulation of a PHEV battery module with cylindrical LFP cells. , 2013, , .		1
46	Analytical thermal model for characterizing a Li-ion battery cell. , 2013, , .		1
47	A KBE Design Methodology to Support Li-Ion Battery Cooling for Hybrid and Electric Vehicles. , 2012, , .		0
48	Feasibility analysis of second life applications for Li-Ion cells used in electric powertrain using environmental indicators. , 2012, , .		37
49	Modular Product Configuration: An Automatic Tool for Eliciting Design Knowledge From Parametric CAD Models. , 2010, , .		8
50	SUPPORTING DESIGN TASKS THROUGH CONSTRAINT SATISFACTION TOOLS. , 0, , .		1