

Michele Germani

List of Publications by Year in descending order

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296
papers

3,598
citations

201674
27
h-index

254184
43
g-index

301
all docs

301
docs citations

301
times ranked

3011
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of ecodesign methods and tools. Barriers and strategies for an effective implementation in industrial companies. Journal of Cleaner Production, 2016, 129, 361-373.	9.3	207
2	Cost-benefit analysis of a circular economy project: a study on a recycling system for end-of-life tyres. Journal of Cleaner Production, 2019, 229, 680-694.	9.3	94
3	Thermal analysis and simulation of a Li-ion battery pack for a lightweight commercial EV. Applied Energy, 2017, 192, 159-177.	10.1	80
4	Investigating the feasibility of a reuse scenario for textile fibres recovered from end-of-life tyres. Waste Management, 2018, 75, 187-204.	7.4	76
5	Energy efficiency of manufacturing systems: A review of energy assessment methods and tools. Journal of Cleaner Production, 2019, 240, 118276.	9.3	76
6	Direct fabrication through electron beam melting technology of custom cranial implants designed in a PHANTOM-based haptic environment. Materials & Design, 2009, 30, 3186-3192.	5.1	74
7	A design for disassembly tool oriented to mechatronic product de-manufacturing and recycling. Advanced Engineering Informatics, 2019, 39, 62-79.	8.0	71
8	Applying data mining technique to disassembly sequence planning: a method to assess effective disassembly time of industrial products. International Journal of Production Research, 2019, 57, 599-623.	7.5	64
9	Time-based disassembly method: how to assess the best disassembly sequence and time of target components in complex products. International Journal of Advanced Manufacturing Technology, 2018, 95, 409-430.	3.0	60
10	Comparative life cycle assessment of standard, cellulose-reinforced and end of life tires fiber-reinforced hot mix asphalt mixtures. Journal of Cleaner Production, 2020, 248, 119295.	9.3	56
11	Traceability as a means to investigate supply chain sustainability: the real case of a leather shoe supply chain. International Journal of Production Research, 2017, 55, 6638-6652.	7.5	51
12	From PSS to CPS Design: A Real Industrial Use Case Toward Industry 4.0. Procedia CIRP, 2017, 64, 357-362.	1.9	51
13	Environmental Analysis of Different End of Life Scenarios of Tires Textile Fibers. Procedia CIRP, 2016, 48, 508-513.	1.9	47
14	A design for EoL approach and metrics to favour closed-loop scenarios for products. International Journal of Sustainable Engineering, 2017, 10, 136-146.	3.5	47
15	Resources value mapping: A method to assess the resource efficiency of manufacturing systems. Applied Energy, 2019, 249, 326-342.	10.1	47
16	CAD-based environment to bridge the gap between product design and tolerance control. Precision Engineering, 2010, 34, 7-15.	3.4	42
17	Design for Manufacturing and Assembly vs. Design to Cost: Toward a Multi-objective Approach for Decision-making Strategies During Conceptual Design of Complex Products. Procedia CIRP, 2016, 50, 275-280.	1.9	41
18	Feasibility analysis of second life applications for Li-Ion cells used in electric powertrain using environmental indicators. , 2012, , .		37

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19	Digital Manufacturing Systems: A Framework to Improve Social Sustainability of a Production Site. Procedia CIRP, 2017, 63, 436-442.	1.9	34
20	A QFD-based method to support SMEs in benchmarking co-design tools. Computers in Industry, 2012, 63, 12-29.	9.9	31
21	Reuse scenarios of tires textile fibers: an environmental evaluation. Procedia Manufacturing, 2018, 21, 329-336.	1.9	31
22	Comparative life cycle assessment of low-pressure RTM, compression RTM and high-pressure RTM manufacturing processes to produce CFRP car hoods. Procedia CIRP, 2019, 80, 352-357.	1.9	31
23	Web-based platform for eco-sustainable supply chain management. Sustainable Production and Consumption, 2019, 17, 215-228.	11.0	31
24	A method to optimize assemblability of industrial product in early design phase: from product architecture to assembly sequence. International Journal on Interactive Design and Manufacturing, 2012, 6, 155-169.	2.2	30
25	Electro-tactile device for material texture simulation. International Journal of Advanced Manufacturing Technology, 2013, 68, 2185-2203.	3.0	30
26	Building Retrofit Measures and Design: A Probabilistic Approach for LCA. Sustainability, 2018, 10, 3655.	3.2	30
27	A method to improve workers'™ well-being toward human-centered connected factories. Journal of Computational Design and Engineering, 2020, 7, 630-643.	3.1	30
28	A social life cycle assessment methodology for smart manufacturing: The case of study of a kitchen sink. Journal of Industrial Information Integration, 2017, 7, 24-32.	6.4	29
29	An approach to favor industrial symbiosis: the case of waste electrical and electronic equipment. Procedia Manufacturing, 2018, 21, 502-509.	1.9	29
30	Comparative life cycle assessment of cooking appliances in Italian kitchens. Journal of Cleaner Production, 2018, 186, 430-449.	9.3	29
31	Implementation of a software platform to support an eco-design methodology within a manufacturing firm. International Journal of Sustainable Engineering, 2018, 11, 79-96.	3.5	28
32	Reuse of Tires Textile Fibers in Plastic Compounds: Is this Scenario Environmentally Sustainable?. Procedia CIRP, 2018, 69, 944-949.	1.9	28
33	Using design information to create a data framework and tool for life cycle analysis of complex maritime vessels. Journal of Cleaner Production, 2018, 192, 887-905.	9.3	28
34	Off-line view planning for the inspection of mechanical parts. International Journal on Interactive Design and Manufacturing, 2013, 7, 1-12.	2.2	27
35	A System to Increase the Sustainability and Traceability of Supply Chains. Procedia CIRP, 2015, 29, 227-232.	1.9	27
36	Comparative life cycle assessment and cost analysis of autoclave and pressure bag molding for producing CFRP components. International Journal of Advanced Manufacturing Technology, 2019, 105, 1967-1982.	3.0	27

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37	CAD-Integrated LCA Tool: Comparison with dedicated LCA Software and Guidelines for the Improvement. , 2011, , 569-574.		26
38	Development of complex products and production strategies using a multi-objective conceptual design approach. International Journal of Advanced Manufacturing Technology, 2018, 95, 1281-1291.	3.0	26
39	Innovative software platform for eco-design of efficient electric motors. Journal of Cleaner Production, 2012, 37, 125-134.	9.3	25
40	An approach to assessing virtual environments for synchronous and remote collaborative design. Advanced Engineering Informatics, 2012, 26, 793-813.	8.0	25
41	CAD tools for designing shoe lasts for people with diabetes. CAD Computer Aided Design, 2013, 45, 977-990.	2.7	24
42	A Multi-objective Design Approach to Include Material, Manufacturing and Assembly Costs in the Early Design Phase. Procedia CIRP, 2016, 52, 251-256.	1.9	24
43	Analyzing the environmental sustainability of glass bottles reuse in an Italian wine consortium. Procedia CIRP, 2019, 80, 399-404.	1.9	23
44	Application of Optical Digitizing Techniques to Evaluate the Shape Accuracy of Anatomical Models Derived From Computed Tomography Data. Journal of Oral and Maxillofacial Surgery, 2007, 65, 1410-1418.	1.2	22
45	A structured agile design approach to support customisation in wellness product development. International Journal of Computer Integrated Manufacturing, 2009, 22, 42-54.	4.6	22
46	Electro-tactile device for texture simulation. , 2012, , .		22
47	Design for sustainability of product-service systems. International Journal of Agile Systems and Management, 2014, 7, 206.	0.3	22
48	A Method for the Estimation of the Economic and Ecological Sustainability of Production Lines. Procedia CIRP, 2014, 15, 147-152.	1.9	22
49	Life Cycle Model and Metrics in Shipbuilding: How to Use them in the Preliminary Design Phases. Procedia CIRP, 2018, 69, 523-528.	1.9	22
50	A method for performance evaluation of RE/RP systems in dentistry. Rapid Prototyping Journal, 2010, 16, 345-355.	3.2	21
51	Open Innovation for Ideating and Designing New Product Service Systems. Procedia CIRP, 2016, 47, 305-310.	1.9	21
52	A standard data model for life cycle analysis of industrial products: A support for eco-design initiatives. Computers in Industry, 2019, 109, 31-44.	9.9	21
53	Includes Knowledge of Dismantling Centers in the Early Design Phase: A Knowledge-based Design for Disassembly Approach. Procedia CIRP, 2016, 48, 401-406.	1.9	20
54	End-of-life modelling in life cycle assessmentâ€”material or product-centred perspective?. International Journal of Life Cycle Assessment, 2017, 22, 1288-1301.	4.7	20

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55	A life cycle costing of compacted lithium titanium oxide batteries for industrial applications. Journal of Power Sources, 2019, 436, 226837.	7.8	20
56	An Approach to Analytically Evaluate the Product Disassemblability during the Design Process. Procedia CIRP, 2014, 21, 336-341.	1.9	19
57	Structured requirements elicitation for product-service system. International Journal of Agile Systems and Management, 2015, 8, 189.	0.3	19
58	Human work sustainability tool. Journal of Manufacturing Systems, 2022, 62, 76-86.	13.9	19
59	Aesthetic and functional analysis for product model validation in reverse engineering applications. CAD Computer Aided Design, 2004, 36, 65-74.	2.7	18
60	An Integrated Method to Support PSS Design within the Virtual Enterprise. Procedia CIRP, 2015, 30, 54-59.	1.9	18
61	How Older People Who Have Never Used Touchscreen Technology Interact with a Tablet. Lecture Notes in Computer Science, 2017, , 117-131.	1.3	18
62	A 4M Approach for a Comprehensive Analysis and Improvement of Manual Assembly Lines. Procedia Manufacturing, 2017, 11, 1510-1518.	1.9	18
63	A multi-objective sequential method for manufacturing cost and structural optimization of modular steel towers. Engineering With Computers, 2020, 36, 475-497.	6.1	18
64	A critical review of symbiosis approaches in the context of Industry 4.0†. Journal of Computational Design and Engineering, 2020, 7, 269-278.	3.1	18
65	A framework for analytical cost estimation of mechanical components based on manufacturing knowledge representation. International Journal of Advanced Manufacturing Technology, 2020, 107, 1131-1151.	3.0	18
66	Combining World Class Manufacturing system and Industry 4.0 technologies to design ergonomic manufacturing equipment. International Journal on Interactive Design and Manufacturing, 2022, 16, 263-279.	2.2	18
67	Analytical Cost Estimation Model in High Pressure Die Casting. Procedia Manufacturing, 2017, 11, 526-535.	1.9	17
68	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
69	Comparative life cycle assessment of electric and gas ovens in the Italian context: An environmental and technical evaluation. Journal of Cleaner Production, 2019, 221, 189-201.	9.3	17
70	Sustainable life cycle and energy management of discrete manufacturing plants in the industry 4.0 framework. Applied Energy, 2022, 312, 118671.	10.1	17
71	Energy Label Directive: Current Limitations and Guidelines for the Improvement. Procedia CIRP, 2018, 69, 674-679.	1.9	16
72	Product Service Platform to improve care systems for elderly living at home. Health Policy and Technology, 2019, 8, 393-401.	2.5	16

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73	How to improve worker's well-being and company performance: a method to identify effective corrective actions. Procedia CIRP, 2019, 81, 162-167.	1.9	15
74	Feasibility Study and Design of an Automatic System for Electronic Components Disassembly. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2019, 141, .	2.2	15
75	Design Adaptable and Adaptive User Interfaces: A Method to Manage the Information. Biosystems and Biorobotics, 2015, , 47-58.	0.3	15
76	How de-manufacturing supports circular economy linking design and EoL - a literature review. Journal of Manufacturing Systems, 2022, 63, 118-133.	13.9	15
77	Advanced computer aided technologies for design automation in footwear industry. International Journal on Interactive Design and Manufacturing, 2011, 5, 137-149.	2.2	14
78	Method to Design Adaptable and Adaptive User Interfaces. Communications in Computer and Information Science, 2015, , 19-24.	0.5	14
79	PLANTLCA: A Lifecycle Approach to Map and Characterize Resource Consumptions and Environmental Impacts of Manufacturing Plants. Procedia CIRP, 2016, 48, 146-151.	1.9	14
80	A Design Methodology to Support the Optimization of Steel Structures. Procedia CIRP, 2016, 50, 58-64.	1.9	14
81	Ecodesign and Energy Labelling: The Role of Virtual Prototyping. Procedia CIRP, 2017, 61, 87-92.	1.9	14
82	Teaching eco-design by using LCA analysis of company's product portfolio: the case study of an Italian manufacturing firm. Procedia CIRP, 2019, 80, 452-457.	1.9	14
83	Comparative life cycle assessment of metal arc welding technologies by using engineering design documentation. International Journal of Life Cycle Assessment, 2019, 24, 2140-2172.	4.7	14
84	Shoes Customization Design Tools for the "Diabetic Foot". Computer-Aided Design and Applications, 2011, 8, 693-711.	0.6	14
85	Self-configuring components approach to product variant development. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2004, 18, 41-54.	1.1	13
86	Towards a probabilistic approach in LCA of building retrofit measures. Energy Procedia, 2017, 134, 394-403.	1.8	13
87	A Collaborative End of Life platform to Favour the Reuse of Electronic Components. Procedia CIRP, 2017, 61, 166-171.	1.9	13
88	Multi sensors platform for stress monitoring of workers in smart manufacturing context. , 2020, , .		13
89	An Approach to Support the Implementation of Product Configuration Tools. , 2009, , .		12
90	Context Dependent Automatic View Planning: The Inspection of Mechanical Components. Computer-Aided Design and Applications, 2013, 10, 111-127.	0.6	12

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91	Determination of the Optimal Configuration of Energy Recovery Ventilator through Virtual Prototyping and DoE Techniques. Procedia CIRP, 2016, 50, 52-57.	1.9	12
92	A support approach for the conceptual design of energy-efficient cooker hoods. Applied Energy, 2017, 206, 222-239.	10.1	12
93	A collaborative web-based platform for the prescription of Custom-Made Insoles. Advanced Engineering Informatics, 2017, 33, 360-373.	8.0	12
94	A multi-criteria index to support ecodesign implementation in manufacturing products: benefits and limits in real case studies. International Journal of Sustainable Engineering, 2019, 12, 376-389.	3.5	12
95	Interactive energetic, environmental and economic analysis of renewable hybrid energy system. International Journal on Interactive Design and Manufacturing, 2019, 13, 885-899.	2.2	12
96	Smart Objects: An Evaluation of the Present State Based on User Needs. Lecture Notes in Computer Science, 2014, , 359-368.	1.3	12
97	Efficiency and Environmental Analysis of a System for Renewable Electricity Generation and Electrochemical Storage of Residential Buildings. Procedia CIRP, 2015, 29, 839-844.	1.9	11
98	CAD-integrated design for manufacturing and assembly in mechanical design. International Journal of Computer Integrated Manufacturing, 2022, 35, 282-325.	4.6	11
99	Improving the link between computer-assisted design and configuration tools for the design of mechanical products. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2013, 27, 51-64.	1.1	10
100	A Smart Home Information Management Model for Device Interoperability Simulation. Procedia CIRP, 2014, 21, 64-69.	1.9	10
101	An adaptive smart system to foster disabled and elderly people in kitchen-related task. , 2016, , .		10
102	Improving a production site from a social point of view: an IoT infrastructure to monitor workers condition. Procedia CIRP, 2018, 72, 886-891.	1.9	10
103	A new method for Product Service System: the case of urban waste management. Procedia CIRP, 2018, 73, 67-72.	1.9	10
104	Life Cycle Assessment of Home Smart Objects: Kitchen Hood Cases. Procedia CIRP, 2018, 69, 499-504.	1.9	10
105	Cost Estimation Method for Gas Turbine in Conceptual Design Phase. Procedia CIRP, 2019, 84, 650-655.	1.9	10
106	Human-centered design for improving the workplace in the footwear sector. Procedia CIRP, 2020, 91, 295-300.	1.9	10
107	Metal Additive Manufacturing for the Rapid Prototyping of Shaped Parts: A Case Study. Computer-Aided Design and Applications, 2021, 18, 1061-1079.	0.6	10
108	A CAD-based design for manufacturing method for casted components. Procedia CIRP, 2021, 100, 235-240.	1.9	10

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109	Investigating the Sustainability of Product and Product-Service Systems in the B2C Industry. Lecture Notes in Production Engineering, 2013, , 421-434.	0.4	10
110	Engineering knowledge formalization and proposition for informatics development towards a CAD-integrated DfX system for product design. Advanced Engineering Informatics, 2022, 51, 101537.	8.0	10
111	A comprehensive method to design and assess mixed reality simulations. Virtual Reality, 0, , 1.	6.1	10
112	A system to improve the physical ergonomics in Human-Robot Collaboration. Procedia Computer Science, 2022, 200, 689-698.	2.0	10
113	Smart strategies for household food waste management. Procedia Computer Science, 2022, 200, 887-895.	2.0	10
114	A QFD-based methodology to support Product-Service design in manufacturing industry. , 2014, , .		9
115	A BBN-based Method to Manage Adaptive Behavior of a Smart User Interface. Procedia CIRP, 2016, 50, 535-540.	1.9	9
116	A method to estimate the total VOC emission of furniture products. Procedia Manufacturing, 2018, 21, 486-493.	1.9	9
117	Selective laser sintered mould for orbital cavity reconstruction. Rapid Prototyping Journal, 2019, 25, 95-103.	3.2	9
118	Comparative life cycle assessment of refrigeration systems for food cooling: eco-design actions towards machines with natural refrigerants. International Journal of Sustainable Engineering, 2021, 14, 1623-1646.	3.5	9
119	Integrated Software Platform for Green Engineering Design and Product Sustainability. , 2013, , 87-92.		9
120	A Methodological Approach for the Design of Composite Tanks Produced by Filament Winding. Computer-Aided Design and Applications, 2020, 17, 1229-1240.	0.6	9
121	Modular Product Configuration: An Automatic Tool for Eliciting Design Knowledge From Parametric CAD Models. , 2010, , .		8
122	Benchmarking of virtual reality performance in mechanics education. International Journal on Interactive Design and Manufacturing, 2011, 5, 103-117.	2.2	8
123	User centred approach for home environment designing. , 2012, , .		8
124	Platform to support dynamic collaborative design processes in virtual enterprises. International Journal of Computer Integrated Manufacturing, 2013, 26, 1003-1020.	4.6	8
125	Designing a user-centred ICT platform for active aging. , 2014, , .		8
126	Investigating the sustainability of a high-energy consuming industrial process to achieve total quality. International Journal of Productivity and Quality Management, 2016, 18, 301.	0.2	8

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127	Optimization of Energy Efficiency of a Production Site: A Method to Support Data Acquisition for Effective Action Plans. <i>Procedia Manufacturing</i> , 2017, 11, 760-767.	1.9	8
128	An Ecodesign approach for the lightweight engineering of cast iron parts. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 99, 2365-2388.	3.0	8
129	Using design geometrical features to develop an analytical cost estimation method for axisymmetric components in open-die forging. <i>Procedia CIRP</i> , 2019, 84, 656-661.	1.9	8
130	A framework to promote social sustainability in industry 4.0. <i>International Journal of Agile Systems and Management</i> , 2020, 13, 233.	0.3	8
131	Life cycle assessment of a leather shoe supply chain. <i>International Journal of Sustainable Engineering</i> , 2021, 14, 686-703.	3.5	8
132	Shift from PLM to SLM: A Method to Support Business Requirements Elicitation for Service Innovation. <i>International Federation for Information Processing</i> , 2012, , 111-123.	0.4	8
133	Product-Service Sustainability Assessment in Virtual Manufacturing Enterprises. <i>IFIP Advances in Information and Communication Technology</i> , 2013, , 13-21.	0.7	8
134	Reverse engineering of aesthetic products: use of hand-made sketches for the design intent formalization. <i>Journal of Engineering Design</i> , 2007, 18, 413-435.	2.3	7
135	Datum Identification for Tolerances Control on Dense Clouds of Points. <i>Computer-Aided Design and Applications</i> , 2008, 5, 209-219.	0.6	7
136	Design of a tactile display to support materials perception in virtual environments. , 2011, , .		7
137	An Approach for Managing Engineering Changes in Product Families. , 2013, , .		7
138	A data framework for environmental assessment of metal arc welding processes and welded structures during the design phase. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 105, 967-993.	3.0	7
139	Design of ergonomic manufacturing equipment by a human-centered methodology. <i>International Journal on Interactive Design and Manufacturing</i> , 2021, 15, 107-111.	2.2	7
140	LeanDfd: A Design for Disassembly Approach to Evaluate the Feasibility of Different End-of-Life Scenarios for Industrial Products. , 2012, , 215-220.		7
141	A multi-criteria method to design the collaboration between humans and robots. <i>Procedia CIRP</i> , 2021, 104, 939-944.	1.9	7
142	A Benchmarking Method to Investigate Co-Design Virtual Environments for Enhancing Industrial Collaboration. , 2010, , .		6
143	Promoting and Managing End-of-Life Closed-Loop Scenarios of Products Using a Design for Disassembly Evaluation Tool. , 2012, , .		6
144	Relation of project managers' personality and project performance: An approach based on value stream mapping. <i>Journal of Industrial Engineering and Management</i> , 2014, 7, .	1.5	6

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145	The User-Product Ontology: A New Approach to Define an Ontological Model to Manage Product Searching Based on User Needs. Lecture Notes in Computer Science, 2017, , 333-346.	1.3	6
146	A Life Cycle Model to Assess Costs and Environmental Impacts of Different Maritime Vessel Typologies. , 2017, , .		6
147	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.	0.6	6
148	Preliminary simulation model toward the study of the effects caused by different mandibular advancement devices in OSAS treatment. Computer Methods in Biomechanics and Biomedical Engineering, 2018, 21, 693-702.	1.6	6
149	Big data analysis for the estimation of disassembly time and de-manufacturing activity. Procedia CIRP, 2020, 90, 617-622.	1.9	6
150	How to Improve Medical Simulation Training: A New Methodology Based on Ergonomic Evaluation. Advances in Intelligent Systems and Computing, 2020, , 145-155.	0.6	6
151	Smart Object for AAL: A Review. , 2014, , 313-324.		6
152	Collaborative Design System for Supporting Dynamic Virtual Enterprises. International Federation for Information Processing, 2010, , 577-584.	0.4	6
153	Virtual Reality Systems: A Method to Evaluate the Applicability Based on the Design Context. , 2007, , .		6
154	An Augmented Reality System for Operator Training in the Footwear Sector. Computer-Aided Design and Applications, 2020, 18, 692-703.	0.6	6
155	Metrics-Based Approach for VR Technology Evaluation in Styling Product Design. , 2009, , .		5
156	Reverse Engineering and restyling of aesthetic products based on sketches interpretation. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2009, 20, 79-96.	2.1	5
157	Knowledge-based approach to flexible part design. Journal of Engineering Design, 2010, 21, 7-29.	2.3	5
158	Smart Home Information Management System for Energy-Efficient Networks. IFIP Advances in Information and Communication Technology, 2013, , 393-401.	0.7	5
159	Life cycle cost from consumer side: A comparison between traditional and ecological vehicles. , 2014, , .		5
160	Virtual Prototyping Approach to Evaluate the Thermal Management of Li-Ion Batteries. , 2014, , .		5
161	An Innovative Tool to Monitor and Represent Energy Value Stream of a Production System. , 2016, , .		5
162	An approach to support model based definition by PMI annotations. Computer-Aided Design and Applications, 2017, 14, 526-534.	0.6	5

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163	A TCO Model for Supporting the Configuration of Industrial Plants. Procedia Manufacturing, 2017, 11, 1940-1949.	1.9	5
164	A method for the cost optimization of industrial electrical routings. Computer-Aided Design and Applications, 2018, 15, 747-756.	0.6	5
165	CAD feature recognition as a means to prevent ergonomics issues during manual assembly tasks. Computer-Aided Design and Applications, 2018, 15, 734-746.	0.6	5
166	A methodology for energy efficiency redesign of smart production systems. Procedia CIRP, 2020, 91, 319-324.	1.9	5
167	An analytical cost estimation model for the design of axisymmetric components with open-die forging technology. International Journal of Advanced Manufacturing Technology, 2020, 110, 1869-1892.	3.0	5
168	Adaptive Interface for Smart Home: A New Design Approach. Lecture Notes in Electrical Engineering, 2017,, 107-115.	0.4	5
169	Virtual Reality-Enhanced Configuration Design of Customized Workplaces: a Case Study of Ship Bridge System. Computer-Aided Design and Applications, 2018, 16, 345-357.	0.6	5
170	Design for environmental sustainability: collect and use company information to design green products. Procedia CIRP, 2022, 105, 823-828.	1.9	5
171	Virtual vs. Physical: An Experimental Study to Improve Shape Perception. , 2009, , .		4
172	Evaluating the Impact of Virtual Reality on Mechanical Design Education. , 2009, , .		4
173	Identification of Weld Beads in Assemblies of B-Rep Models. Computer-Aided Design and Applications, 2014, 11, 263-274.	0.6	4
174	Development of a Methodology to Analyze Energy and Resources Consumption Along the Product Value Chain. Procedia CIRP, 2015, 33, 145-150.	1.9	4
175	A CAD Tool to Design Bespoke Insoles for Severe Orthopaedic Treatments. Computer-Aided Design and Applications, 2015, 12, 700-709.	0.6	4
176	Review of Product-Service System Design Methods. IFIP Advances in Information and Communication Technology, 2016, , 271-279.	0.7	4
177	Consumers vs Internet of Things: A Systematic Evaluation Process to Drive Users in the Smart World. Procedia CIRP, 2016, 50, 541-546.	1.9	4
178	A CAD-based method for multi-objectives optimization of mechanical products. Computer-Aided Design and Applications, 2017, 14, 563-571.	0.6	4
179	Virtual Eco-design: How to Use Virtual Prototyping to Develop Energy-labelling Compliant Products. Procedia CIRP, 2018, 69, 668-673.	1.9	4
180	Automated Disassembly of Electronic Components: Feasibility and Technical Implementation. , 2018, , .		4

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181	An Innovative Framework for Managing the Customization of Tailor-made Shoes. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 3821-3830.	0.6	4
182	Using engineering documentation to create a data framework for life cycle inventory of welded structures. Procedia CIRP, 2019, 80, 358-363.	1.9	4
183	A constraint-based approach for optimizing the design of overhead lines. International Journal on Interactive Design and Manufacturing, 2020, 14, 1121-1139.	2.2	4
184	An energy assessment method for SMEs: case study of an Italian mechanical workshop. Procedia Manufacturing, 2020, 43, 56-63.	1.9	4
185	A METHODOLOGY TO SUPPORT COMPANIES IN THE FIRST STEPS TOWARDS DE-MANUFACTURING. Proceedings of the Design Society, 2021, 1, 131-140.	0.8	4
186	Key features and novel trends for developing cost engineering methods for forged components: a systematic literature review. International Journal of Advanced Manufacturing Technology, 2021, 117, 2601-2625.	3.0	4
187	Method for Evaluating VR-Based Tools for Collaborative Design. Advanced Concurrent Engineering, 2010, , 451-464.	0.2	4
188	A Methodology to Introduce Gesture-Based Interaction into Existing Consumer Product. Lecture Notes in Computer Science, 2016, , 25-36.	1.3	4
189	A Digitally-enabled Integrated Approach to Design and Manufacture Shoe Lasts. Computer-Aided Design and Applications, 2018, 16, 593-610.	0.6	4
190	Analyzing the environmental sustainability of packaging for household appliances: A test case. Procedia CIRP, 2020, 90, 355-360.	1.9	4
191	Design of a Novel Human-Computer Interface to Support HCD Application. , 2010, , .		3
192	An Early-Stage Tool to Evaluate the Product Redesign Impact. , 2011, , .		3
193	A Method for Roughness and Texture Simulation via Tactile Displays. , 2011, , .		3
194	Tools for design and validation of shoe lasts for diabetic patients. Footwear Science, 2012, 4, 221-241.	2.1	3
195	Modeling and thermal simulation of a PHEV battery module with cylindrical LFP cells. World Electric Vehicle Journal, 2013, 6, 175-185.	3.0	3
196	Design of a service-oriented architecture for AAL. International Journal of Agile Systems and Management, 2016, 9, 154.	0.3	3
197	Driving Process Innovation: A Structured Method for Improving Efficiency in SMEs. Procedia CIRP, 2016, 50, 448-453.	1.9	3
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