Michele Germani

List of Publications by Year
in descending order

296	3,598	201658	254170
papers	citations	27 h-index	43 g-index

301	301	301	3011
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preliminary Considerations on the Design of Multi-layered Bone Scaffold for Laser-Based Printing. Lecture Notes in Electrical Engineering, 2022, , 195-204.	0.4	0
2	Human work sustainability tool. Journal of Manufacturing Systems, 2022, 62, 76-86.	13.9	19
3	CAD-integrated design for manufacturing and assembly in mechanical design. International Journal of Computer Integrated Manufacturing, 2022, 35, 282-325.	4.6	11
4	A Design for De-manufacturing Methodology to Improve the Product End of Life Environmental Sustainability. Lecture Notes in Mechanical Engineering, 2022, , 373-380.	0.4	1
5	HoloLens 2 for Maxillofacial Surgery: A Preliminary Study. Lecture Notes in Mechanical Engineering, 2022, , 133-140.	0.4	3
6	Investigating the Application of Augmented Reality to Support Wire Harness Activities. Lecture Notes in Mechanical Engineering, 2022, , 116-124.	0.4	2
7	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
8	Gas turbine cost and value management in the conceptual design stage. International Journal on Interactive Design and Manufacturing, 2022, 16, 389-407.	2.2	2
9	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
10	The effect of systemic sclerosis on use of mobile touchscreen interfaces: Design guidelines and physio-rehabilitation. International Journal of Industrial Ergonomics, 2022, 87, 103256.	2.6	2
11	A system to improve the physical ergonomics in Human-Robot Collaboration. Procedia Computer Science, 2022, 200, 689-698.	2.0	10
12	Smart strategies for household food waste management. Procedia Computer Science, 2022, 200, 887-895.	2.0	10
13	Design for environmental sustainability: collect and use company information to design green products. Procedia CIRP, 2022, 105, 823-828.	1.9	5
14	How de-manufacturing supports circular economy linking design and EoL - a literature review. Journal of Manufacturing Systems, 2022, 63, 118-133.	13.9	15
15	Sustainable life cycle and energy management of discrete manufacturing plants in the industry 4.0 framework. Applied Energy, 2022, 312, 118671.	10.1	17
16	Closing the Loop Valorization of Industrial Waste of Composite Materials through Re-Design of Products from Detached Value Chains. Proceedings of the Design Society, 2022, 2, 981-990.	0.8	1
17	Cost Sensitivity Analysis for Laser Powder Bed Fusion. Proceedings of the Design Society, 2022, 2, 1411-1420.	0.8	1
18	A Framework to Collect and Reuse Engineering Knowledge in the Context of Design for Additive Manufacturing. Proceedings of the Design Society, 2022, 2, 1371-1380.	0.8	3

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19	Development of the optimal touchscreen interface for patients with scleroderma. Journal of Scleroderma and Related Disorders, 2021, 6, 170-177.	1.7	1
20	Design of ergonomic manufacturing equipment by a human-centered methodology. International Journal on Interactive Design and Manufacturing, 2021, 15, 107-111.	2.2	7
21	Designing die inserts by additive approach: a test case. Procedia CIRP, 2021, 100, 702-707.	1.9	2
22	Life cycle assessment of a leather shoe supply chain. International Journal of Sustainable Engineering, 2021, 14, 686-703.	3.5	8
23	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.	3.5	1
24	An interactive resource value mapping tool to support the reduction of inefficiencies in smart manufacturing processes. International Journal on Interactive Design and Manufacturing, 2021, 15, 211-224.	2.2	3
25	PARAMETRIC COST MODELLING OF COMPONENTS FOR TURBOMACHINES: PRELIMINARY STUDY. Proceedings of the Design Society, 2021, 1, 2379-2388.	0.8	1
26	MIXED REALITY IN MEDICAL SIMULATION: A COMPREHENSIVE DESIGN METHODOLOGY. Proceedings of the Design Society, 2021, 1, 2107-2116.	0.8	2
27	A METHODOLOGY TO SUPPORT COMPANIES IN THE FIRST STEPS TOWARDS DE-MANUFACTURING. Proceedings of the Design Society, 2021, 1, 131-140.	0.8	4
28	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
29	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
30	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
31	A CAD-based design for manufacturing method for casted components. Procedia CIRP, 2021, 100, 235-240.	1.9	10
32	A multi-criteria method to design the collaboration between humans and robots. Procedia CIRP, 2021, 104, 939-944.	1.9	7
33	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
34	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
35	A method to improve workersâ€™ well-being toward human-centered connected factories. Journal of Computational Design and Engineering, 2020, 7, 630-643.	3.1	30
36	A methodology for energy efficiency redesign of smart production systems. Procedia CIRP, 2020, 91, 319-324.	1.9	5

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37	Big data analysis for the estimation of disassembly time and de-manufacturing activity. Procedia CIRP, 2020, 90, 617-622.	1.9	6
38	Human-centered design for improving the workplace in the footwear sector. Procedia CIRP, 2020, 91, 295-300.	1.9	10
39	A framework to promote social sustainability in industry 4.0. International Journal of Agile Systems and Management, 2020, 13, 233.	0.3	8
40	A critical review of symbiosis approaches in the context of Industry 4.0â˜†. Journal of Computational Design and Engineering, 2020, 7, 269-278.	3.1	18
41	Integrating a constraint-based optimization approach into the design of oil & gas structures. Advanced Engineering Informatics, 2020, 45, 101129.	8.0	3
42	Multi sensors platform for stress monitoring of workers in smart manufacturing context. , 2020, , .		13
43	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
44	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
45	AN ANALYTICAL COST MODEL FOR INVESTMENT CASTING. Proceedings of the Design Society DESIGN Conference, 2020, 1, 987-996.	0.8	2
46	Analysis of LGV usage for the improvement of a customized production. Procedia Manufacturing, 2020, 51, 1606-1613.	1.9	1
47	An energy assessment method for SMEs: case study of an Italian mechanical workshop. Procedia Manufacturing, 2020, 43, 56-63.	1.9	4
48	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
49	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
50	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
51	A framework to promote social sustainability in industry 4.0. International Journal of Agile Systems and Management, 2020, 13, 233.	0.3	0
52	A Virtual Design Approach to Simulate the Hob Energy Performance. Computer-Aided Design and Applications, 2020, 17, 1101-1115.	0.6	1
53	Analyzing the environmental sustainability of packaging for household appliances: A test case. Procedia CIRP, 2020, 90, 355-360.	1.9	4
54	An Augmented Reality System for Operator Training in the Footwear Sector. Computer-Aided Design and Applications, 2020, 18, 692-703.	0.6	6

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55	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
56	A life cycle costing of compacted lithium titanium oxide batteries for industrial applications. Journal of Power Sources, 2019, 436, 226837.	7.8	20
57	Design of a Custom-Made Cranial Implant in Patients Suffering from Apert Syndrome. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 709-718.	0.6	2
58	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
59	Using design geometrical features to develop an analytical cost estimation method for axisymmetric components in open-die forging. Procedia CIRP, 2019, 84, 656-661.	1.9	8
60	Product Service Platform to improve care systems for elderly living at home. Health Policy and Technology, 2019, 8, 393-401.	2.5	16
61	A data framework for environmental assessment of metal arc welding processes and welded structures during the design phase. International Journal of Advanced Manufacturing Technology, 2019, 105, 967-993.	3.0	7
62	Energy efficiency of manufacturing systems: A review of energy assessment methods and tools. Journal of Cleaner Production, 2019, 240, 118276.	9.3	76
63	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
64	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
65	Teaching eco-design by using LCA analysis of companyâ€™s product portfolio: the case study of an Italian manufacturing firm. Procedia CIRP, 2019, 80, 452-457.	1.9	14
66	Analyzing the environmental sustainability of glass bottles reuse in an Italian wine consortium. Procedia CIRP, 2019, 80, 399-404.	1.9	23
67	Using engineering documentation to create a data framework for life cycle inventory of welded structures. Procedia CIRP, 2019, 80, 358-363.	1.9	4
68	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
69	How to improve workerâ€™s well-being and company performance: a method to identify effective corrective actions. Procedia CIRP, 2019, 81, 162-167.	1.9	15
70	Cost Estimation Method for Gas Turbine in Conceptual Design Phase. Procedia CIRP, 2019, 84, 650-655.	1.9	10
71	A method for lean energy assessment of manufacturing systems. Procedia CIRP, 2019, 81, 1447-1452.	1.9	2
72	Selective laser sintered mould for orbital cavity reconstruction. Rapid Prototyping Journal, 2019, 25, 95-103.	3.2	9

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73	A design methodology for the virtual energy labelling of cooking ovens. International Journal on Interactive Design and Manufacturing, 2019, 13, 851-871.	2.2	1
74	A design for disassembly tool oriented to mechatronic product de-manufacturing and recycling. Advanced Engineering Informatics, 2019, 39, 62-79.	8.0	71
75	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
76	Resources value mapping: A method to assess the resource efficiency of manufacturing systems. Applied Energy, 2019, 249, 326-342.	10.1	47
77	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
78	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
79	A structured and user-friendly method to conduct an all-round evaluation of SmartÂProducts. Journal of Ambient Intelligence and Smart Environments, 2019, 11, 113-133.	1.4	0
80	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
81	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
82	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
83	A should costing approach for manufacturing companies. International Journal of Agile Systems and Management, 2019, 12, 382.	0.3	2
84	Prototyping adaptive systems in smart environments using virtual reality. International Journal on Interactive Design and Manufacturing, 2019, 13, 597-616.	2.2	3
85	Web-based platform for eco-sustainable supply chain management. Sustainable Production and Consumption, 2019, 17, 215-228.	11.0	31
86	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
87	Cost and Temperature Homogeneity Optimization of the Heating System for Composite Materials Air Press Molding. Computer-Aided Design and Applications, 2019, 16, 1084-1097.	0.6	2
88	An Analytical Cost Estimation Approach for Generic Sheet Metal 3D Models. Computer-Aided Design and Applications, 2019, 16, 936-950.	0.6	1
89	A Design Approach for Overhead Lines Considering Configurations and Simulations. Computer-Aided Design and Applications, 2019, 17, 797-812.	0.6	2
90	A should costing approach for manufacturing companies. International Journal of Agile Systems and Management, 2019, 12, 382.	0.3	1

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91	Study of the Usability of an Adaptive Smart Home Interface for People with Alzheimerâ€™s Disease. Lecture Notes in Electrical Engineering, 2019, , 261-269.	0.4	0
92	Smart, Eco-Sustainable and Human-Centered Product Development Processes: 21st Century Manufacturing Industries. , 2019, , 161-175.		0
93	Design Optimization of Customizable Centrifugal Industrial Blowers for Gas Turbine Power Plants. Computer-Aided Design and Applications, 2019, 16, 1098-1111.	0.6	1
94	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
95	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
96	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
97	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
98	An automatic temperature control for induction cooktops to reduce energy consumption. , 2018, , .		1
99	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
100	A method for the cost optimization of industrial electrical routings. Computer-Aided Design and Applications, 2018, 15, 747-756.	0.6	5
101	A method to estimate the total VOC emission of furniture products. Procedia Manufacturing, 2018, 21, 486-493.	1.9	9
102	Reuse scenarios of tires textile fibers: an environmental evaluation. Procedia Manufacturing, 2018, 21, 329-336.	1.9	31
103	An approach to favor industrial symbiosis: the case of waste electrical and electronic equipment. Procedia Manufacturing, 2018, 21, 502-509.	1.9	29
104	Comparative life cycle assessment of cooking appliances in Italian kitchens. Journal of Cleaner Production, 2018, 186, 430-449.	9.3	29
105	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
106	Reuse of Tires Textile Fibers in Plastic Compounds: Is this Scenario Environmentally Sustainable?. Procedia CIRP, 2018, 69, 944-949.	1.9	28
107	Energy Label Directive: Current Limitations and Guidelines for the Improvement. Procedia CIRP, 2018, 69, 674-679.	1.9	16
108	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

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109	A new method for Product Service System: the case of urban waste management. Procedia CIRP, 2018, 73, 67-72.	1.9	10
110	Life Cycle Assessment of Home Smart Objects: Kitchen Hood Cases. Procedia CIRP, 2018, 69, 499-504.	1.9	10
111	Virtual Eco-design: How to Use Virtual Prototyping to Develop Energy-labelling Compliant Products. Procedia CIRP, 2018, 69, 668-673.	1.9	4
112	A Framework to Support the Optimization of Modularized Oil and Gas Structures. , 2018, , .		1
113	An Ecodesign approach for the lightweight engineering of cast iron parts. International Journal of Advanced Manufacturing Technology, 2018, 99, 2365-2388.	3.0	8
114	Automated Disassembly of Electronic Components: Feasibility and Technical Implementation. , 2018, , .		4
115	Induction Mold Heating: Modelling and Hardware-in-the-Loop Simulation for Temperature Control. , 2018, , .		0
116	Building Retrofit Measures and Design: A Probabilistic Approach for LCA. Sustainability, 2018, 10, 3655.	3.2	30
117	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
118	Energy Saving in Industrial Wireless Power Recharge System: Simulation of a PI-Sliding Mode Control for a Non-Inverting Buck-Boost Converter. , 2018, , .		0
119	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
120	Assessment of a Smart Kitchen to Help People with Alzheimerâ€™s Disease. Lecture Notes in Computer Science, 2018, , 304-309.	1.3	2
121	A CSP-based design framework for appliances under energy labelling. International Journal on Interactive Design and Manufacturing, 2018, 12, 1243-1263.	2.2	3
122	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
123	How touch glove and expertise influence the basic touch gestures performances for people with Systemic Sclerosis. , 2018, , .		1
124	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
125	A Digitally-enabled Integrated Approach to Design and Manufacture Shoe Lasts. Computer-Aided Design and Applications, 2018, 16, 593-610.	0.6	4
126	A Method to Make an Existing System Adaptive. Lecture Notes in Computer Science, 2018, , 91-101.	1.3	3

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127	Designing a Product Service Platform for Older People: From Needs to Requirements. Lecture Notes in Computer Science, 2018, , 23-34.	1.3	1
128	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
129	A CAD-based method for multi-objectives optimization of mechanical products. Computer-Aided Design and Applications, 2017, 14, 563-571.	0.6	4
130	Thermal analysis and simulation of a Li-ion battery pack for a lightweight commercial EV. Applied Energy, 2017, 192, 159-177.	10.1	80
131	An approach to support model based definition by PMI annotations. Computer-Aided Design and Applications, 2017, 14, 526-534.	0.6	5
132	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
133	A Software Tool for the Analysis and Management of Resource Consumptions and Environmental Impacts of Manufacturing Plants. Procedia CIRP, 2017, 61, 341-346.	1.9	2
134	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
135	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
136	Analytical Cost Estimation Model in High Pressure Die Casting. Procedia Manufacturing, 2017, 11, 526-535.	1.9	17
137	A support approach for the conceptual design of energy-efficient cooker hoods. Applied Energy, 2017, 206, 222-239.	10.1	12
138	Towards a probabilistic approach in LCA of building retrofit measures. Energy Procedia, 2017, 134, 394-403.	1.8	13
139	How Older People Who Have Never Used Touchscreen Technology Interact with a Tablet. Lecture Notes in Computer Science, 2017, , 117-131.	1.3	18
140	Toward a function-based IT platform for variants redesign of household appliances. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2017, 31, 512-534.	1.1	2
141	A Collaborative End of Life platform to Favour the Reuse of Electronic Components. Procedia CIRP, 2017, 61, 166-171.	1.9	13
142	Digital Manufacturing Systems: A Framework to Improve Social Sustainability of a Production Site. Procedia CIRP, 2017, 63, 436-442.	1.9	34
143	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
144	Ecodesign and Energy Labelling: The Role of Virtual Prototyping. Procedia CIRP, 2017, 61, 87-92.	1.9	14

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145	A Multi-Objective and Multi-Level Design Optimization Method for Oil and Gas Ducts. , 2017, , .		0
146	Lifecycle Tools As a Support for the Eco-Design Innovation of Domestic Appliances. , 2017, , .		1
147	Environmental Sustainability Awareness in Product Design Practices: A Survey of Italian Companies. , 2017, , .		2
148	Optimization of Energy Efficiency of a Production Site: A Method to Support Data Acquisition for Effective Action Plans. Procedia Manufacturing, 2017, 11, 760-767.	1.9	8
149	A 4M Approach for a Comprehensive Analysis and Improvement of Manual Assembly Lines. Procedia Manufacturing, 2017, 11, 1510-1518.	1.9	18
150	Analysis of the Requirements of an Early Life-cycle Cost Estimation Tool: An Industrial Survey. Procedia Manufacturing, 2017, 11, 1675-1683.	1.9	3
151	A TCO Model for Supporting the Configuration of Industrial Plants. Procedia Manufacturing, 2017, 11, 1940-1949.	1.9	5
152	Orbital Wall Reconstruction by Selective Laser Sintered Mould. , 2017, , .		3
153	From PSS to CPS Design: A Real Industrial Use Case Toward Industry 4.0. Procedia CIRP, 2017, 64, 357-362.	1.9	51
154	A collaborative web-based platform for the prescription of Custom-Made Insoles. Advanced Engineering Informatics, 2017, 33, 360-373.	8.0	12
155	A design methodology to predict the product energy efficiency through a configuration tool. Lecture Notes in Mechanical Engineering, 2017, , 1095-1105.	0.4	3
156	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
157	A Life Cycle Model to Assess Costs and Environmental Impacts of Different Maritime Vessel Typologies. , 2017, , .		6
158	Modelling and hardware-in-the-loop simulation for energy management in induction cooktops. , 2017, , .		2
159	Adaptive Interface for Smart Home: A New Design Approach. Lecture Notes in Electrical Engineering, 2017, , 107-115.	0.4	5
160	Introducing Wearables in the Kitchen: An Assessment of User Acceptance in Younger and Older Adults. Lecture Notes in Computer Science, 2017, , 579-592.	1.3	2
161	Design of a service-oriented architecture for AAL. International Journal of Agile Systems and Management, 2016, 9, 154.	0.3	3
162	A New Smart Strategy for Web Searching of Commercial Products. , 2016, , .		1

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163	An adaptive smart system to foster disabled and elderly people in kitchen-related task. , 2016, , .		10
164	A Gesture-Based Application for Aspiring Orchestra Conductors. , 2016, , .		0
165	An Innovative Tool to Monitor and Represent Energy Value Stream of a Production System. , 2016, , .		5
166	Review of Product-Service System Design Methods. IFIP Advances in Information and Communication Technology, 2016, , 271-279.	0.7	4
167	Review of ecodesign methods and tools. Barriers and strategies for anÂeffective implementation in industrial companies. Journal of Cleaner Production, 2016, 129, 361-373.	9.3	207
168	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
169	A Scalable â€œDesign for Costingâ€•Platform: A Practical Case in Ball Valves Industry. Procedia CIRP, 2016, 50, 311-317.	1.9	2
170	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
171	A BBN-based Method to Manage Adaptive Behavior of a Smart User Interface. Procedia CIRP, 2016, 50, 535-540.	1.9	9
172	Determination of the Optimal Configuration of Energy Recovery Ventilator through Virtual Prototyping and DoE Techniques. Procedia CIRP, 2016, 50, 52-57.	1.9	12
173	A Design Methodology to Support the Optimization of Steel Structures. Procedia CIRP, 2016, 50, 58-64.	1.9	14
174	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
175	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
176	Driving Process Innovation: A Structured Method for Improving Efficiency in SMEs. Procedia CIRP, 2016, 50, 448-453.	1.9	3
177	A Lifecycle-enhanced Global Manufacturing Platform for Enterprises. Procedia CIRP, 2016, 52, 192-197.	1.9	2
178	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
179	Open Innovation for Ideating and Designing New Product Service Systems. Procedia CIRP, 2016, 47, 305-310.	1.9	21
180	Environmental Analysis of Different End of Life Scenarios of Tires Textile Fibers. Procedia CIRP, 2016, 48, 508-513.	1.9	47

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181	An approach to foster eco-design in 'traditional' companies without eco-knowledge. International Journal of Productivity and Quality Management, 2016, 18, 150.	0.2	1
182	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
183	Automation of drafting execution by schemes definitions and feature recognition. Computer-Aided Design and Applications, 2016, 13, 459-470.	0.6	2
184	Assessing Social Sustainability of Products: An Improved S-LCA Method. IFIP Advances in Information and Communication Technology, 2016, , 529-540.	0.7	1
185	A Methodology to Introduce Gesture-Based Interaction into Existing Consumer Product. Lecture Notes in Computer Science, 2016, , 25-36.	1.3	4
186	A Universal Design Method for Adaptive Smart Home Environment. Lecture Notes in Computer Science, 2016, , 359-369.	1.3	2
187	Development of a Methodology to Analyze Energy and Resources Consumption Along the Product Value Chain. Procedia CIRP, 2015, 33, 145-150.	1.9	4
188	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
189	Energy Value Stream Mapping, Development and Application of a Tool to Reduce Energy Inefficiencies of the Production Processes. , 2015, , .		0
190	Usability Demonstration of the G.EN.ESI Eco-Design Platform: The Cooker Hood Case Study. , 2015, , .		0
191	A CAD Tool to Design Bespoke Insoles for Severe Orthopaedic Treatments. Computer-Aided Design and Applications, 2015, 12, 700-709.	0.6	4
192	Structured requirements elicitation for product-service system. International Journal of Agile Systems and Management, 2015, 8, 189.	0.3	19
193	An Integrated Method to Support PSS Designwithin the Virtual Enterprise. Procedia CIRP, 2015, 30, 54-59.	1.9	18
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