

Alain Bernard

List of Publications by Year in descending order

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205
papers

6,210
citations

117625

34
h-index

79698

73
g-index

215
all docs

215
docs citations

215
times ranked

4480
citing authors

#	ARTICLE	IF	CITATIONS
1	Design for Additive Manufacturing: Trends, opportunities, considerations, and constraints. CIRP Annals - Manufacturing Technology, 2016, 65, 737-760.	3.6	1,291
2	The evolution, challenges, and future of knowledge representation in product design systems. CAD Computer Aided Design, 2013, 45, 204-228.	2.7	458
3	Product variety management. CIRP Annals - Manufacturing Technology, 2013, 62, 629-652.	3.6	448
4	Weld bead modeling and process optimization in Hybrid Layered Manufacturing. CAD Computer Aided Design, 2011, 43, 331-344.	2.7	189
5	Design for additive manufacturing: Framework and methodology. CIRP Annals - Manufacturing Technology, 2020, 69, 578-599.	3.6	165
6	Design, management and control of demanufacturing and remanufacturing systems. CIRP Annals - Manufacturing Technology, 2017, 66, 585-609.	3.6	156
7	CAD model based virtual assembly simulation, planning and training. CIRP Annals - Manufacturing Technology, 2013, 62, 799-822.	3.6	134
8	New Trends in Rapid Product Development. CIRP Annals - Manufacturing Technology, 2002, 51, 635-652.	3.6	132
9	Build orientation optimization for multi-part production in additive manufacturing. Journal of Intelligent Manufacturing, 2017, 28, 1393-1407.	7.3	129
10	Towards a holistic sustainability index for measuring sustainability of manufacturing companies. International Journal of Production Research, 2015, 53, 4117-4139.	7.5	103
11	Rapid manufacturing of metallic objects. Rapid Prototyping Journal, 2012, 18, 264-280.	3.2	100
12	Group multi-criteria design concept evaluation using combined rough set theory and fuzzy set theory. Expert Systems With Applications, 2016, 64, 633-644.	7.6	97
13	RFBS: A model for knowledge representation of conceptual design. CIRP Annals - Manufacturing Technology, 2010, 59, 155-158.	3.6	88
14	5-axis flank milling: A state-of-the-art review. CAD Computer Aided Design, 2013, 45, 796-808.	2.7	80
15	Tools and techniques for product design. CIRP Annals - Manufacturing Technology, 2014, 63, 607-630.	3.6	79
16	Feature based building orientation optimization for additive manufacturing. Rapid Prototyping Journal, 2016, 22, 358-376.	3.2	74
17	Design for mass customization: Product variety vs. process variety. CIRP Annals - Manufacturing Technology, 2011, 60, 169-174.	3.6	72
18	A multi-objective programming approach, integrated into the TOPSIS method, in order to optimize product design; in three-dimensional concurrent engineering. Computers and Industrial Engineering, 2013, 64, 875-885.	6.3	69

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19	Ontology-based knowledge representation for additive manufacturing. Computers in Industry, 2019, 109, 182-194.	9.9	65
20	Bio-inspired generative design for support structure generation and optimization in Additive Manufacturing (AM). CIRP Annals - Manufacturing Technology, 2020, 69, 117-120.	3.6	64
21	Integrating safety into the design process: elements and concepts relative to the working situation. Safety Science, 2003, 41, 155-179.	4.9	55
22	Two-dimensional placement optimization for multi-parts production in additive manufacturing. Robotics and Computer-Integrated Manufacturing, 2016, 38, 102-117.	9.9	54
23	An overview of knowledge sharing in new product development. International Journal of Advanced Manufacturing Technology, 2018, 94, 1545-1550.	3.0	54
24	Virtual hands and virtual reality multimodal platform to design safer industrial systems. Computers in Industry, 2007, 58, 46-56.	9.9	52
25	An integrated decision-making model for multi-attributes decision-making (MADM) problems in additive manufacturing process planning. Rapid Prototyping Journal, 2014, 20, 377-389.	3.2	51
26	Improving design for recycling – Application to composites. CIRP Annals - Manufacturing Technology, 2012, 61, 151-154.	3.6	49
27	Evaluating the Design for Additive Manufacturing: A Process Planning Perspective. Procedia CIRP, 2014, 21, 144-150.	1.9	49
28	Optimised lattice structure configuration for additive manufacturing. CIRP Annals - Manufacturing Technology, 2019, 68, 117-120.	3.6	46
29	Quantifying the value of knowledge within the context of product development. Knowledge-Based Systems, 2011, 24, 166-175.	7.1	45
30	Ontology-Based Framework Enabling Smart Product-Service Systems: Application of Sensing Systems for Machine Health Monitoring. IEEE Internet of Things Journal, 2018, 5, 4496-4505.	8.7	45
31	A statistical method for build orientation determination in additive manufacturing. Rapid Prototyping Journal, 2019, 25, 187-207.	3.2	41
32	Integration of CAD and rapid manufacturing for sand casting optimisation. Rapid Prototyping Journal, 2003, 9, 327-333.	3.2	40
33	Fast adaptive modeling method for build time estimation in Additive Manufacturing. CIRP Journal of Manufacturing Science and Technology, 2015, 10, 49-60.	4.5	38
34	Processing Knowledge to Support Knowledge-based Engineering Systems Specification. Concurrent Engineering Research and Applications, 2008, 16, 89-101.	3.2	36
35	Build Orientation Determination for Multi-material Deposition Additive Manufacturing with Continuous Fibers. Procedia CIRP, 2016, 50, 414-419.	1.9	34
36	Framework for Product Lifecycle Management integration in Small and Medium Enterprises Networks. Computer-Aided Design and Applications, 2011, 8, 531-544.	0.6	33

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37	An integrated knowledge reference system for product development. CIRP Annals - Manufacturing Technology, 2009, 58, 119-122.	3.6	31
38	A framework to develop an analysis agent for evaluating human performance in manufacturing systems. CIRP Journal of Manufacturing Science and Technology, 2009, 2, 55-60.	4.5	30
39	A new methodology to optimize spiral bevel gear topography. CIRP Annals - Manufacturing Technology, 2013, 62, 119-122.	3.6	29
40	A new decision support method for the selection of RP process: knowledge value measuring. International Journal of Computer Integrated Manufacturing, 2014, 27, 747-758.	4.6	28
41	Customer feedback gathering and management tools for product-service system design. Procedia CIRP, 2018, 67, 577-582.	1.9	28
42	Intelligent assistant system as a context-aware decision-making support for the workers of the future. Computers and Industrial Engineering, 2020, 139, 105732.	6.3	28
43	Evolutions of rapid product development with rapid manufacturing: concepts and applications. International Journal of Rapid Manufacturing, 2009, 1, 3.	0.5	27
44	Generic PLM system for SMEs: application to an equipment manufacturer. International Journal of Product Lifecycle Management, 2012, 6, 51.	0.3	27
45	Value network modelling and simulation for strategic analysis: a discrete event simulation approach. International Journal of Production Research, 2014, 52, 5002-5020.	7.5	26
46	Knowledge value chain: an effective tool to measure knowledge value. International Journal of Computer Integrated Manufacturing, 2010, 23, 957-967.	4.6	25
47	Knowledge evaluation in product lifecycle design and support. Knowledge-Based Systems, 2014, 70, 256-267.	7.1	25
48	Tailoring performance evaluation to specific industrial contexts – application to sustainable mass customisation enterprises. International Journal of Production Research, 2015, 53, 2439-2456.	7.5	24
49	Co-Definition of Product Structure and Production Network for Frugal Innovation Perspectives: Towards a Modular-based Approach. Procedia CIRP, 2016, 50, 589-594.	1.9	24
50	Gathering, evaluating and managing customer feedback during aircraft production. Computers and Industrial Engineering, 2018, 115, 559-572.	6.3	24
51	Information system based on a working situation model for a new design approach in concurrent engineering. Journal of Engineering Design, 2006, 17, 35-54.	2.3	23
52	A new method for single-layer-part nesting in additive manufacturing. Rapid Prototyping Journal, 2018, 24, 840-854.	3.2	23
53	FBS-PPRE, an Enterprise Knowledge Lifecycle Model. , 2008, , 285-305.		23
54	Fundamental concepts of product/technology/process informational integration for process modelling and process planning. International Journal of Computer Integrated Manufacturing, 2003, 16, 557-565.	4.6	22

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55	Proposal for tool-based method of product cost estimation during conceptual design. Journal of Engineering Design, 2008, 19, 159-172.	2.3	22
56	New methodology to reduce the transmission error of the spiral bevel gears. CIRP Annals - Manufacturing Technology, 2014, 63, 165-168.	3.6	22
57	An Overview on Knowledge Management. , 2008, , 3-21.		22
58	Analysis and Validation of 3D Laser Sensor Scanning Process. CIRP Annals - Manufacturing Technology, 1999, 48, 111-114.	3.6	21
59	Advanced industrial archaeology: A new reverse-engineering process for contextualising and digitising ancient technical objects. Virtual and Physical Prototyping, 2008, 3, 105-122.	10.4	21
60	Grouping Parts for Multiple Parts Production in Additive Manufacturing. Procedia CIRP, 2014, 17, 308-313.	1.9	21
61	Virtual engineering: Methods and tools. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2005, 219, 413-421.	2.4	20
62	VCS: value chains simulator, a tool for value analysis of manufacturing enterprise processes (a Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46).	7.3	20
63	Virtual engineering based on knowledge integration. Virtual and Physical Prototyping, 2007, 2, 137-154.	10.4	19
64	Extended value network modelling and simulation for mass customization implementation. Journal of Intelligent Manufacturing, 2012, 23, 2427-2439.	7.3	19
65	Technology-based Product-services for Supporting Frugal Innovation. Procedia CIRP, 2016, 47, 126-131.	1.9	19
66	Context-awareness: A Key Enabler for Ubiquitous Access to Manufacturing Knowledge. Procedia CIRP, 2016, 41, 484-489.	1.9	19
67	A modular-based approach for Just-In-Time Specification of customer orders in the aircraft manufacturing industry. CIRP Journal of Manufacturing Science and Technology, 2018, 21, 61-74.	4.5	19
68	A knowledge-based collaborative platform for PSS design and production. CIRP Journal of Manufacturing Science and Technology, 2020, 29, 220-231.	4.5	19
69	Systemic modeling of knowledge for innovation in design. CIRP Journal of Manufacturing Science and Technology, 2013, 6, 1-12.	4.5	17
70	A KBE CAPP framework for qualified additive manufacturing. CIRP Annals - Manufacturing Technology, 2018, 67, 467-470.	3.6	17
71	Hybrid rapid manufacturing of metallic objects. International Journal of Rapid Manufacturing, 2010, 1, 433.	0.5	16
72	A Tailored Ontology Supporting Sensor Implementation for the Maintenance of Industrial Machines. Sensors, 2017, 17, 2063.	3.8	16

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73	Online order scheduling of multi 3D printing tasks based on the additive manufacturing cloud platform. <i>Journal of Manufacturing Systems</i> , 2022, 63, 23-34.	13.9	16
74	3D Digitizing Strategy Planning Approach Based on a CAD Model. <i>Journal of Computing and Information Science in Engineering</i> , 2007, 7, 10-19.	2.7	15
75	Proposal and evaluation of a KBE–RM selection system. <i>Rapid Prototyping Journal</i> , 2011, 17, 236-246.	3.2	15
76	Differentiation and customer decoupling points: An integrated design approach for mass customization. <i>Concurrent Engineering Research and Applications</i> , 2015, 23, 284-295.	3.2	15
77	Modularity as a support for frugal product and supplier network co-definition under regional market constraints: a mirroring hypothesis application. <i>International Journal of Production Research</i> , 2018, 56, 6575-6590.	7.5	15
78	Working situation model for safety integration during design phase. <i>CIRP Annals - Manufacturing Technology</i> , 2002, 51, 119-122.	3.6	14
79	A Group Decision-making Method based on Intuitionistic Fuzzy Set in the Three Dimensional Concurrent Engineering Environment: A Multi-Objective Programming Approach. <i>Procedia CIRP</i> , 2013, 7, 533-538.	1.9	14
80	A Meta-model for Product-Service System based on Systems Engineering approach. <i>Procedia CIRP</i> , 2018, 73, 39-44.	1.9	14
81	Topological model for machining of parts with complex shapes. <i>Computers in Industry</i> , 2012, 63, 528-541.	9.9	13
82	Design: A Key Stage of Product Lifecycle. <i>Procedia CIRP</i> , 2014, 21, 3-9.	1.9	13
83	Industrial Product-Service System modelling base on Systems Engineering: Application of sensor integration to support smart services. <i>IFAC-PapersOnLine</i> , 2018, 51, 1586-1591.	0.9	13
84	Impact of New 3D Numerical Devices and Environments on Redesign and Valorisation of Mechanical Systems. <i>CIRP Annals - Manufacturing Technology</i> , 2007, 56, 143-148.	3.6	12
85	Concurrent cost engineering for decisional and operational process enhancement in a foundry. <i>International Journal of Production Economics</i> , 2007, 109, 2-11.	8.9	12
86	Analyzing Single and Multiple Customer Order Decoupling Point Positioning based on Customer Value: A Multi-objective Approach. <i>Procedia CIRP</i> , 2014, 17, 669-674.	1.9	12
87	Knowledge Based and PLM Facilities for Sustainability Perspective in Manufacturing: A Global Approach. <i>Procedia CIRP</i> , 2015, 29, 203-208.	1.9	12
88	Accessing enterprise knowledge: A context-based approach. <i>CIRP Annals - Manufacturing Technology</i> , 2016, 65, 189-192.	3.6	12
89	Support point determination for support structure design in additive manufacturing. <i>Additive Manufacturing</i> , 2021, 47, 102341.	3.0	12
90	Using AM feature and multi-attribute decision making to orientate part in Additive Manufacturing. , 2013, , 411-416.		12

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91	Customised high-value document generation. CIRP Annals - Manufacturing Technology, 2005, 54, 123-126.	3.6	11
92	Toward a Methodological Knowledge based Approach for Partial Automation of Reverse Engineering. Procedia CIRP, 2014, 21, 270-275.	1.9	11
93	Collaboration management framework for OEM "suppliers relationships: a trust-based conceptual approach. Enterprise Information Systems, 2017, 11, 1018-1042.	4.7	11
94	An original approach for the memorisation and the generation of rapid product development processes. Rapid Prototyping Journal, 2003, 9, 58-67.	3.2	10
95	A toolpath-based layer construction method for designing & printing porous structure. CIRP Annals - Manufacturing Technology, 2021, 70, 123-126.	3.6	10
96	A constructive solid geometry-based generative design method for additive manufacturing. Additive Manufacturing, 2021, 41, 101952.	3.0	10
97	Modeling Manufacturing Resources: An Ontological Approach. IFIP Advances in Information and Communication Technology, 2018, , 304-313.	0.7	10
98	Global approach for technical data management. Application to ship equipment part families. CIRP Journal of Manufacturing Science and Technology, 2009, 1, 185-190.	4.5	9
99	Managing Knowledge Management Tools: A Systematic Classification and Comparison. , 2011, , .		9
100	Sustainable Mass Customized Enterprise: Key Concepts, Enablers and Assessment Techniques. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 522-527.	0.4	9
101	Managing resource learning in distributed organisations with the organisational capability approach. International Journal of Technology Management, 2016, 70, 300.	0.5	9
102	Real-Time Finite Element Finger Pinch Grasp Simulation. , 0, , .		8
103	Annotations to improve the using and the updating of digital technical publications. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2009, 20, 157-170.	2.1	8
104	Benefits and limitations of parametric design implementation in helicopter gearbox design phase. CIRP Annals - Manufacturing Technology, 2011, 60, 199-202.	3.6	8
105	Towards the factory of future an integrated approach of material-processes-information-human being. , 2012, , .		8
106	Systems Engineering as a Foundation for PSS Development Project: Motivations and Perspectives. Procedia CIRP, 2017, 64, 205-210.	1.9	8
107	<title>Reverse engineering for rapid product development: a state of the art</title>. , 1999, , .		7
108	Rapid product development case studies and data integration analysis. Computers in Industry, 2000, 43, 161-172.	9.9	7

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109	Measurement of enterprise knowledge by state characterization. Expert Systems, 2010, 27, 374-387.	4.5	7
110	An integrated method using intuitionistic fuzzy set and linear programming for supplier selection problem. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 6391-6395.	0.4	7
111	Conceptual model and IT system for organizational capability management. Computers in Industry, 2012, 63, 706-722.	9.9	7
112	A quantitative model on knowledge management for team cooperation. Knowledge-Based Systems, 2013, 45, 41-46.	7.1	7
113	Augmented historical scale model for museums. , 2014, , .		7
114	DHRM: A new model for PLM dedicated to product design heritage. CIRP Annals - Manufacturing Technology, 2015, 64, 161-164.	3.6	7
115	Knowledge Organization Through Statistical Computation: A New Approach. Knowledge Organization, 2009, 36, 227-239.	0.2	7
116	A fuzzy approach for definition of dangerous zone in industrial systems. , 0, , .		6
117	A methodology supporting syntactic, lexical and semantic clarification of requirements in systems engineering. International Journal of Product Development, 2014, 19, 173.	0.2	6
118	Trust-based patterns for the management of inter-enterprises collaborations in context of extended enterprise. IFAC-PapersOnLine, 2015, 48, 1186-1191.	0.9	6
119	An Onto-Based Interoperability Framework for the Connection of PLM and Production Capability Tools. IFIP Advances in Information and Communication Technology, 2016, , 134-145.	0.7	6
120	Towards a knowledge based framework for numerical design of experiment optimization and management. Computer-Aided Design and Applications, 2016, 13, 872-884.	0.6	6
121	A sensor ontology enabling service implementation in Industrial Product-Service Systems. IFAC-PapersOnLine, 2017, 50, 13059-13064.	0.9	6
122	Computational Design Synthesis Using Model-Driven Engineering and Constraint Programming. Lecture Notes in Computer Science, 2016, , 265-273.	1.3	6
123	Lightweight porous support structure design for additive manufacturing via knowledge-based bio-inspired volume generation and lattice configuration. Virtual and Physical Prototyping, 2022, 17, 894-918.	10.4	6
124	Designing and Managing Organizational Interoperability with Organizational Capabilities and Roadmaps. , 2009, , .		5
125	OPAS: Ontology Processing for Assisted Synthesis of Conceptual Design Solutions. , 2009, , .		5
126	Progress management in performance-driven systems: study of the 5Steps [®] roadmapping, a solution for managing organizational capabilities and their learning curves. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1370-1375.	0.4	5

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127	A development in energy flow/barrier analysis. Safety Science, 2010, 48, 598-606.	4.9	5
128	Multi-physics Simulation for Product-service Performance Assessment. Procedia CIRP, 2014, 16, 21-25.	1.9	5
129	Activity theory based context model: application for enterprise intelligent assistant systems. IFAC-PapersOnLine, 2015, 48, 834-839.	0.9	5
130	Facet-based approach for the management of information multi points-of-view in product modeling. Computer-Aided Design and Applications, 2017, 14, 582-594.	0.6	5
131	PSS Pattern Concept for Knowledge Representation in Design Process of Industrial Product-service Systems. Procedia CIRP, 2017, 60, 428-433.	1.9	5
132	Conceptual Design. , 2014, , 275-281.		5
133	Co-working for Knowledge Management in Cultural Heritage: Towards a PLM for Museum. IFIP Advances in Information and Communication Technology, 2013, , 317-325.	0.7	5
134	Value networks: pulling the triggers. A combined approach of modelling and simulation for performance evaluation. International Journal of Computer Integrated Manufacturing, 2014, 27, 609-623.	4.6	4
135	Linking Modular Product Structure to Suppliers'™ Selection Through PLM Approach: A Frugal Innovation Perspective. IFIP Advances in Information and Communication Technology, 2016, , 227-237.	0.7	4
136	Leveraging feature information for defeaturing sheet metal feature-based CAD part model. Computer-Aided Design and Applications, 2016, 13, 885-898.	0.6	4
137	Modular design of production systems tailored to regional market requirements: A Frugal Innovation perspective. IFAC-PapersOnLine, 2018, 51, 96-101.	0.9	4
138	Functional, Technical and Economical Requirements Integration for Additive Manufacturing Design Education. , 2019, , 171-185.		4
139	Knowledge-based platform for traceability and simulation monitoring applied to design of experiments process: an open source architecture. Journal of Engineering Design, 2019, 30, 311-335.	2.3	4
140	Quotation for the Value Added Assessment during Product Development and Production Processes. , 2004, , 35-44.		4
141	The feature approach for the integrated design and machining of forming dies. Robotics and Computer-Integrated Manufacturing, 1993, 10, 71-76.	9.9	3
142	<title>Using rapid prototyping for new products development: application to jewellery design</title>. , 1997, , .		3
143	<title>Computer-aided process planning for rapid prototyping</title>. , 1999, 3833, 63.		3
144	Determining the CODP position by value network modeling and simulation. , 2010, , .		3

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145	A hybrid method to select best process and suppliers, in the concurrent engineering environment. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 6402-6406.	0.4	3
146	Intelligent Reverse-Engineering Segmentation: Automatic Semantic Recognition of Large 3D Digitalized Cloud of Points Dedicated to Heritage Objects. , 2012, , .		3
147	A dynamic methodology and associated tools to assess organizational capabilities. Computers in Industry, 2014, 65, 158-174.	9.9	3
148	A double-loop learning system for knowledge transfer and reuse in groups: application of a roadmapping approach. International Journal of Knowledge and Learning, 2014, 9, 63.	0.2	3
149	Extension of the Virtual Customer Inspection for Distant Collaboration in NPD. , 2018, , .		3
150	A framework for automatic architectural synthesis in conceptual design phase. Journal of Engineering Design, 2018, 29, 665-689.	2.3	3
151	Interface modeling for productâ€service system integration. Systems Engineering, 2019, 22, 471-484.	2.7	3
152	Knowledge management for modeled Heritage objects, requirement specifications towards a tool for heterogeneity embracing. International Journal on Interactive Design and Manufacturing, 2020, 14, 1337-1345.	2.2	3
153	Foam additive manufacturing technology: main characteristics and experiments for hull mold manufacturing. Rapid Prototyping Journal, 2021, 27, 1489-1500.	3.2	3
154	Modular Architectures Management with PLM for the Adaptation of Frugal Products to Regional Markets. IFIP Advances in Information and Communication Technology, 2017, , 462-472.	0.7	3
155	Eco Global Evaluation: Cross Benefits of Economic and Ecological Evaluation. , 2011, , 681-686.		3
156	Mass Customisation as a Competitive Factor for Sustainability. , 2012, , 18-25.		3
157	A Product-Process Model for Decision-Aid Perspective in Additive Manufacturing Field. Computer-Aided Design and Applications, 2020, 17, 1278-1293.	0.6	3
158	Knowledge Management in E-commerce Mass Customization. IFIP Advances in Information and Communication Technology, 2013, , 259-267.	0.7	3
159	An approach to optimise an avatar trajectory in a virtual workplace. International Journal of Computer Integrated Manufacturing, 2011, 24, 95-105.	4.6	2
160	Analysis of the bullet nose of an aero-engine for bird impact through virtual and rapid prototyping. Virtual and Physical Prototyping, 2011, 6, 121-130.	10.4	2
161	Advanced virtual reality visualization systems based on a meta-model dedicated to historical knowledge. , 2012, , .		2
162	A Sustainability and Mass Customization Assessment Framework. , 2012, , .		2

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163	Toward a cognitive based approach for knowledge structuring. , 2013, , .		2
164	Conceptual framework for enhancing knowledge reuse in PLM environment with the concept of digital factory assistant. International Journal of Product Lifecycle Management, 2015, 8, 330.	0.3	2
165	Supervised Process of Un-structured Data Analysis for Knowledge Chaining. Procedia CIRP, 2016, 50, 436-441.	1.9	2
166	Stiffness modulation for soft robot joint via lattice structure configuration design. Procedia CIRP, 2021, 100, 732-737.	1.9	2
167	Proposal for an Architectural Solution for Economic and Environmental Global Eco-Cost Assessment: Model Combination Analysis. Springer Series in Advanced Manufacturing, 2014, , 239-256.	0.5	2
168	Proposal of a New Design Approach Integrating the Concept of the Working Situation. , 2003, , 379-390.		2
169	Product and Service Variety Versus Internal Performance: Toward New Balances. Springer Proceedings in Business and Economics, 2018, , 581-594.	0.3	2
170	<title>Quality insurance for optimal parameters determination for stereolithography process</title>. , 1997, , .		1
171	Virtual Hands for Risk Prevention Integration in Human-Computer Interactions. , 2006, , .		1
172	Performance Factory in the context of mass customization. , 2010, , .		1
173	Grammatical and Semantic Disambiguation of Requirements at Elicitation and Representation Stages. , 2011, , .		1
174	A New Integration Framework for Modeling and Optimizing Systems in Preliminary Design Phase. , 2012, , .		1
175	Knowledge Based Reverse Engineering Methodology. , 2012, , .		1
176	An Information System for Driving the Future PLM for Museum: The DHRM, Digital Heritage Reference Model. , 2012, , .		1
177	Thick composite design for hydrogen vessels: A contribution to composite design method. CIRP Annals - Manufacturing Technology, 2013, 62, 139-142.	3.6	1
178	Applying PLM approach for supporting collaborations in medical sector: case of prosthesis implantation. Lecture Notes in Mechanical Engineering, 2017, , 871-878.	0.4	1
179	A Fuzzy Accident Risk Analysis Approach for a Concurrent Engineering Platform. IFIP Advances in Information and Communication Technology, 2021, , 351-360.	0.7	1
180	Sustainable Organizational Learning in Group: A Digital Double-Loop System Based on Knowledge Maturity and Performance Assessment. Advances in Intelligent and Soft Computing, 2010, , 1769-1786.	0.2	1

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181	Feature-Based CAPP System for the Machining of Dies. , 1996, , .		1
182	Knowledge and Information Structuring in Reverse Engineering of Mechanical Systems. IFIP Advances in Information and Communication Technology, 2016, , 418-427.	0.7	1
183	Managing Collaborations between Medical and Engineering Actors in Case of Prosthesis Implantation: A PLM-Based Approach. Computer-Aided Design and Applications, 2019, 16, 1003-1019.	0.6	1
184	An Activity-Based Costing Model for Additive Manufacturing. IFIP Advances in Information and Communication Technology, 2022, , 492-507.	0.7	1
185	<title>Interactive use of 3D digitizing and CAD methods for roofing tiles models and die wear study</title>. , 1997, , .		0
186	<title>Rapid product development: project engineering joined to design engineering in a concurrent engineering context</title>. , 1997, 2910, 166.		0
187	<title>Integrated environment for the inspection of complex parts</title>. , 2001, , .		0
188	Specification management for the cost constraint optimisation in microelectronic design. International Journal of Manufacturing Technology and Management, 2008, 15, 284.	0.1	0
189	How to Build Web Self-Service by Functional Profiles?. , 2009, , .		0
190	Offline adaptive control. International Journal of Machining and Machinability of Materials, 2010, 8, 356.	0.1	0
191	Proposition of a human performance analysis agent. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 83-88.	0.4	0
192	Digital Factory Assistant: Conceptual Framework and Research Propositions. IFIP Advances in Information and Communication Technology, 2013, , 500-509.	0.7	0
193	Interoperability Framework for Supporting Information-Based Assistance in the Factory. IFIP Advances in Information and Communication Technology, 2014, , 301-310.	0.7	0
194	Variety Steering Towards Sustainability: A Coupled Evaluation and Optimization Approach. Lecture Notes in Computer Science, 2014, , 170-177.	1.3	0
195	Numerical analysis of geometrical and aerodynamic enhancements of a birdlike wing. Engineering Computations, 2015, 32, 86-101.	1.4	0
196	Physical assembly sequence optimisation for developing an integrated 3D reconstruction method. Virtual and Physical Prototyping, 2017, 12, 173-190.	10.4	0
197	Framework for historical knowledge management in museology. International Journal of Product Lifecycle Management, 2017, 10, 44.	0.3	0
198	Factors Influencing the Integration of Product and Service Design in Product-Service System Development. Computer-Aided Design and Applications, 2021, 19, 91-102.	0.6	0

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199	Knowledge Sharing and Communities of Practices for Intra-organizational Interoperability. , 2010, , 397-406.		0
200	Improvement of Product Design Process by Knowledge Value Analysis. , 2013, , 207-216.		0
201	Fabrication additive et besoins en contr�le. , 2015, , .		0
202	SDM Framework as a Support for Decision-Making Traceability in Design of Experiments Process. IFIP Advances in Information and Communication Technology, 2016, , 275-285.	0.7	0
203	Conceptual Design. , 2018, , 1-8.		0
204	Conceptual Design. , 2019, , 348-355.		0
205	Knowledge Management for Industrial Heritage. , 2008, , 307-330.		0