

Julien Le duigou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1783960/publications.pdf>

Version: 2024-02-01

66
papers

710
citations

516710

16
h-index

642732

23
g-index

70
all docs

70
docs citations

70
times ranked

551
citing authors

#	ARTICLE	IF	CITATIONS
1	Knowledge-based engineering approach for defining robotic manufacturing system architectures. International Journal of Production Research, 2023, 61, 1436-1454.	7.5	26
2	Concurrent optimisation of modular product and Reconfigurable Manufacturing System configuration: a customer-oriented offer for mass customisation. International Journal of Production Research, 2022, 60, 2275-2291.	7.5	26
3	Production management for mass customization and smart cellular manufacturing system: NSGAll and SMPSO for factory-level planning. International Journal of Advanced Manufacturing Technology, 2022, 120, 6833-6854.	3.0	4
4	An Approach to Jointly Optimize the Process Plan, Scheduling, and Layout Design in Reconfigurable Manufacturing Systems. Studies in Computational Intelligence, 2022, , 403-415.	0.9	4
5	An integrated approach to optimize the configuration of mass-customized products and reconfigurable manufacturing systems. International Journal of Advanced Manufacturing Technology, 2021, 115, 141-163.	3.0	16
6	Layout and scheduling optimization problem for a reconfigurable manufacturing system. International Journal of Industrial Engineering and Management, 2021, 12, 174-186.	2.0	2
7	STEP/STEP-NC-compliant manufacturing information of 3D printing for FDM technology. International Journal of Advanced Manufacturing Technology, 2021, 112, 1713-1728.	3.0	5
8	Optimization of Reconfigurable Manufacturing Systems Configuration: A Literature Review. Lecture Notes in Mechanical Engineering, 2021, , 426-435.	0.4	3
9	Attribute-based integrated product process configurator for mass customization. Procedia CIRP, 2021, 103, 140-145.	1.9	2
10	Process Planning, Scheduling, and Layout Optimization for Multi-Unit Mass-Customized Products in Sustainable Reconfigurable Manufacturing System. Sustainability, 2021, 13, 13323.	3.2	10
11	AFIS Academy Industry Forum 2020 in Compiègne. Insight, 2021, 24, 9-11.	0.3	0
12	Proposal and experimentation of an analysis grid to map knowledge of the factory of the future. Procedia CIRP, 2020, 90, 623-629.	1.9	1
13	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
14	A knowledge-based system for numerical design of experiments processes in mechanical engineering. Expert Systems With Applications, 2019, 122, 289-302.	7.6	24
15	MODELOS DE INFORMACIÓN DE PROCESO BASADOS EN STEP PARA LA FABRICACIÓN ADITIVA: APLICACIÓN AL MODELADO DE DEPOSICIÓN POR FUSIÓN. Dyna (Spain), 2019, 94, 197-202.	0.2	2
16	Une méthodologie d'apprentissage automatique pour l'aide à la décision en contexte d'industrialisation. Génie Industriel Et Productique, 2019, 2, .	0.4	0
17	Information exchange standards for design, tolerancing and Additive Manufacturing: a research review. International Journal on Interactive Design and Manufacturing, 2018, 12, 495-504.	2.2	21
18	Knowledge-based engineering for multidisciplinary systems: Integrated design based on interface model. Concurrent Engineering Research and Applications, 2018, 26, 157-170.	3.2	13

#	ARTICLE	IF	CITATIONS
19	An ontology for numerical design of experiments processes. Computers in Industry, 2018, 94, 26-40.	9.9	9
20	Sharing Knowledge When it Cannot be Made Explicit. International Journal of Knowledge-Based Organizations, 2018, 8, 14-28.	0.4	2
21	An ontology-based framework for the management of machining information in a data mining perspective. IFAC-PapersOnLine, 2018, 51, 302-307.	0.9	3
22	Closed-loop manufacturing process based on STEP-NC. International Journal on Interactive Design and Manufacturing, 2017, 11, 233-245.	2.2	19
23	Sustainable machining approach for CAD/CAM/CNC systems based on a dynamic environmental assessment. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2017, 231, 2416-2429.	2.4	10
24	Manufacturing knowledge management based on STEP-NC standard: a Closed-Loop Manufacturing approach. International Journal of Computer Integrated Manufacturing, 2017, 30, 995-1009.	4.6	21
25	Multidisciplinary design methodology for mechatronic systems based on interface model. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2017, 28, 333-356.	2.1	40
26	Using meta-models to manage information change in the design process of systems of systems. International Journal of Product Lifecycle Management, 2016, 9, 285.	0.3	4
27	Product life cycle management approach for integration of engineering design and life cycle engineering. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2016, 30, 379-389.	1.1	12
28	Closed-loop Manufacturing, a STEP-NC Process for Data Feedback: A Case Study. Procedia CIRP, 2016, 41, 852-857.	1.9	18
29	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
30	ODE: An Ontology for Numerical Design of Experiments. Procedia CIRP, 2016, 50, 496-501.	1.9	1
31	Strategic Lean Management: Integration of operational Performance Indicators for strategic Lean management. IFAC-PapersOnLine, 2016, 49, 65-70.	0.9	26
32	Interface model enabling decomposition method for architecture definition of mechatronic systems. Mechatronics, 2016, 40, 194-207.	3.3	9
33	Optimization and lifecycle engineering for design and manufacture of recycled aluminium parts. CIRP Annals - Manufacturing Technology, 2016, 65, 149-152.	3.6	4
34	An integrated closed-loop product lifecycle management approach for reverse logistics design. Production Planning and Control, 2016, 27, 1062-1077.	8.8	18
35	Multidisciplinary interface model for design of mechatronic systems. Computers in Industry, 2016, 76, 24-37.	9.9	34
36	Design Processes of Mechatronic Systems. , 2016, , 75-89.		16

#	ARTICLE	IF	CITATIONS
37	Meta-Model of PLM for Design of Systems of Systems. IFIP Advances in Information and Communication Technology, 2016, , 301-310.	0.7	7
38	Lean Product Development and the Role of PLM. IFIP Advances in Information and Communication Technology, 2016, , 183-192.	0.7	7
39	Improvement of Multidisciplinary Integration in Design of Complex Systems by Implementing Knowledge-Based Engineering. IFIP Advances in Information and Communication Technology, 2016, , 89-98.	0.7	0
40	Using meta-models to manage information change in the design process of systems of systems. International Journal of Product Lifecycle Management, 2016, 9, 285.	0.3	0
41	PLM-Based Approach for Integration of Product Safety in Lean Development. IFIP Advances in Information and Communication Technology, 2016, , 193-205.	0.7	0
42	Simulation Data Management and Reuse: Toward a Verification and Validation Approach. IFIP Advances in Information and Communication Technology, 2016, , 476-484.	0.7	1
43	Simulation data management for adaptive design of experiments: A litterature review. Mechanics and Industry, 2015, 16, 611.	1.3	9
44	DESIGN PROCESS FOR COMPLEX SYSTEMS ENGINEERING BASED ON INTERFACE MODEL. Insight, 2015, 18, 22-24.	0.3	4
45	Sustainable Machining Approach by Integrating the Environmental Assessment Within the CAD/CAM/CNC Chain. Smart Innovation, Systems and Technologies, 2015, , 227-236.	0.6	3
46	A method to ecodesign structural parts in the transport sector based on product life cycle management. Journal of Cleaner Production, 2015, 94, 165-176.	9.3	47
47	Differentiation and customer decoupling points: An integrated design approach for mass customization. Concurrent Engineering Research and Applications, 2015, 23, 284-295.	3.2	15
48	Knowledge Sharing in Design Based on Product Lifecycle Management System. Smart Innovation, Systems and Technologies, 2015, , 507-517.	0.6	3
49	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
50	Mechatronic Design Process: A Survey of Product Data Model. Procedia CIRP, 2014, 21, 282-287.	1.9	11
51	Reverse logistics network design: a holistic life cycle approach. Journal of Remanufacturing, 2014, 4, 1.	2.7	16
52	Survey on mechatronic engineering: A focus on design methods and product models. Advanced Engineering Informatics, 2014, 28, 241-257.	8.0	60
53	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
54	1. Les fondamentaux. Documentaliste - Sciences De L'Information, 2014, Vol. 51, 30-45.	0.0	2

#	ARTICLE	IF	CITATIONS
55	Aide à la décision pour la conception d'une chaîne logistique inverse pour l'aluminium. Revue Française De Gestion Industrielle, 2014, 33, 9-31.	1.2	1
56	Enterprise Information Systems Interoperability: Focus on PLM Challenges. IFIP Advances in Information and Communication Technology, 2013, , 184-191.	0.7	3
57	Integrated Platform from CAD to CNC: A Survey. IFIP Advances in Information and Communication Technology, 2013, , 130-139.	0.7	4
58	Applying Serious Games in Lean Manufacturing Training. IFIP Advances in Information and Communication Technology, 2013, , 558-565.	0.7	11
59	Implementing Sustainable Supply Chain in PLM. IFIP Advances in Information and Communication Technology, 2013, , 168-175.	0.7	0
60	Reverse Logistics: Network Design Based on Life Cycle Assessment. IFIP Advances in Information and Communication Technology, 2013, , 450-460.	0.7	1
61	Generic PLM system for SMEs: application to an equipment manufacturer. International Journal of Product Lifecycle Management, 2012, 6, 51.	0.3	27
62	Functional Architecture and Specifications for Tolerancing Data and Knowledge Management. International Federation for Information Processing, 2012, , 35-45.	0.4	1
63	Life Cycle Costing in Manufacturing Process Management. , 2012, , .		0
64	Framework for Product Lifecycle Management integration in Small and Medium Enterprises Networks. Computer-Aided Design and Applications, 2011, 8, 531-544.	0.6	33
65	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
66	Simulation Data Management for Design of Experiments: Concepts and Specifications. , 0, , .		0