Louis Rivest

List of Publications by Year
in descending order

26 papers	**582** citations	933447 **10** h-index	713466 **21** g-index
27 all docs	**27** docs citations	**27** times ranked	**400** citing authors

#	Article	IF	Citations
1	Will Model-based Definition replace engineering drawings throughout the product lifecycle? A global perspective from aerospace industry. Computers in Industry, 2010, 61, 497-508.	9.9	147
2	Adaptive generic product structure modelling for design reuse in engineer-to-order products. Computers in Industry, 2010, 61, 53-65.	9.9	101
3	An assembly oriented design framework for product structure engineering and assembly sequence planning. Robotics and Computer-Integrated Manufacturing, 2011, 27, 33-46.	9.9	88
4	What is at the Root of Construction 4.0: A Systematic Review of the Recent Research Effort. Archives of Computational Methods in Engineering, 2021, 28, 2331-2350.	10.2	50
5	Re-engineering the Engineering Change Management process for a drawing-less environment. Computers in Industry, 2012, 63, 79-90.	9.9	40
6	A Multiple Views Management System for Concurrent Engineering and PLM. Concurrent Engineering Research and Applications, 2008, 16, 61-72.	3.2	28
7	Maintaining consistency between CAD elements in collaborative design using association management and propagation. Computers in Industry, 2014, 65, 124-135.	9.9	17
8	Comparing 3D CAD Models: Uses, Methods, Tools and Perspectives. Computer-Aided Design and Applications, 2012, 9, 771-794.	0.6	16
9	An illustrated glossary of ambiguous PLM terms used in discrete manufacturing. International Journal of Product Lifecycle Management, 2015, 8, 142.	0.3	16
10	PLM-based approach for Assembly Process Engineering. International Journal of Manufacturing Research, 2010, 5, 413.	0.2	12
11	Concurrent versioning principles for collaboration: towards PLM for hardware and software data management. International Journal of Product Lifecycle Management, 2014, 7, 17.	0.3	10
12	An innovative software architecture to improve information flow from CAM to CNC. Computers and Industrial Engineering, 2004, 46, 655-667.	6.3	9
13	Dynamic Product Modeling with Inter-Features Associations: Comparing Customization and Automation. Computer-Aided Design and Applications, 2007, 4, 877-886.	0.6	8
14	Measuring and improving the process of engineering change orders in a model-based definition context. International Journal of Product Lifecycle Management, 2012, 6, 138.	0.3	8
15	Management of Heterogeneous Information for Integrated Design of Multidisciplinary Systems. Procedia CIRP, 2017, 60, 320-325.	1.9	6
16	TOWARDS A DESIGN-METHOD SELECTION FRAMEWORK FOR MULTIDISCIPLINARY PRODUCT DEVELOPMENT. , 0, , .		6
17	Feature Recognition for Structural Aerospace Sheet Metal Parts. Computer-Aided Design and Applications, 2019, 17, 16-43.	0.6	6
18	Organizing the fragmented landscape of multidisciplinary product development: a mapping of approaches, processes, methods and tools from the scientific literature. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2022, 33, 307-349.	2.1	4

#	Article	IF	Citations
19	3D CAD Model Comparison: An Evaluation of Model Difference Identification Technologies. Computer-Aided Design and Applications, 2013, 10, 173-195.	0.6	3
20	Assessment of 3D Annotation Tools as a Substitute for 2D Traditional Engineering Drawings in Aerospace Product Development. Computer-Aided Design and Applications, 2010, 7, 547-563.	0.6	2
21	A Prototype of an Automated Feature Recognition Algorithm for Aerospace Sheet Metal Parts. Computer-Aided Design and Applications, 2021, 19, 624-661.	0.6	1
22	Extracting Grasping Cues from Pistol-Shaped Tools for Digital Human Models. Computer-Aided Design and Applications, 2021, 18, 1167-1185.	0.6	0
23	COMBINER DE MULTIPLE LANGAGES POUR LA PROGRAMMATION DES CONTRÃ"LEURS DE MACHINES-OUTILS Ã€ ARCHITECTURE OUVERTE. Transactions of the Canadian Society for Mechanical Engineering, 2004, 28, 511-530.	0.8	0
24	Identifying PLM themes and clusters from a decade of research literature. International Journal of Product Lifecycle Management, 2019, 12, 81.	0.3	0
25	Digital maturity models: comparing manual and semi-automatic similarity assessment frameworks. International Journal of Product Lifecycle Management, 2021, 13, 291.	0.3	0
26	Feature-Based Model Difference Identification for Aerospace Sheet Metal Parts. Computer-Aided Design and Applications, 2020, 18, 443-467.	0.6	0