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	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
2	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
3	Extracting Grasping Cues from Pistol-Shaped Tools for Digital Human Models. Computer-Aided Design and Applications, 2021, 18, 1167-1185.	0.6	0
4	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
5	Digital maturity models: comparing manual and semi-automatic similarity assessment frameworks. International Journal of Product Lifecycle Management, 2021, 13, 291.	0.3	0
6	Feature-Based Model Difference Identification for Aerospace Sheet Metal Parts. Computer-Aided Design and Applications, 2020, 18, 443-467.	0.6	0
7	Identifying PLM themes and clusters from a decade of research literature. International Journal of Product Lifecycle Management, 2019, 12, 81.	0.3	0
8	Feature Recognition for Structural Aerospace Sheet Metal Parts. Computer-Aided Design and Applications, 2019, 17, 16-43.	0.6	6
9	Management of Heterogeneous Information for Integrated Design of Multidisciplinary Systems. Procedia CIRP, 2017, 60, 320-325.	1.9	6
10	An illustrated glossary of ambiguous PLM terms used in discrete manufacturing. International Journal of Product Lifecycle Management, 2015, 8, 142.	0.3	16
11	Maintaining consistency between CAD elements in collaborative design using association management and propagation. Computers in Industry, 2014, 65, 124-135.	9.9	17
12	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
13	3D CAD Model Comparison: An Evaluation of Model Difference Identification Technologies. Computer-Aided Design and Applications, 2013, 10, 173-195.	0.6	3
14	Comparing 3D CAD Models: Uses, Methods, Tools and Perspectives. Computer-Aided Design and Applications, 2012, 9, 771-794.	0.6	16
15	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
16	Re-engineering the Engineering Change Management process for a drawing-less environment. Computers in Industry, 2012, 63, 79-90.	9.9	40
17	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
18	PLM-based approach for Assembly Process Engineering. International Journal of Manufacturing Research, 2010, 5, 413.	0.2	12

#	Article	IF	Citations
19	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
20	Adaptive generic product structure modelling for design reuse in engineer-to-order products. Computers in Industry, 2010, 61, 53-65.	9.9	101
21	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
22	A Multiple Views Management System for Concurrent Engineering and PLM. Concurrent Engineering Research and Applications, 2008, 16, 61-72.	3.2	28
23	Dynamic Product Modeling with Inter-Features Associations: Comparing Customization and Automation. Computer-Aided Design and Applications, 2007, 4, 877-886.	0.6	8
24	An innovative software architecture to improve information flow from CAM to CNC. Computers and Industrial Engineering, 2004, 46, 655-667.	6.3	9
25	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
26	TOWARDS A DESIGN-METHOD SELECTION FRAMEWORK FOR MULTIDISCIPLINARY PRODUCT DEVELOPMENT. , 0, , .		6