

Johan Malmqvist

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

744
citations

840119

11
h-index

713013

21
g-index

41
all docs

41
docs citations

41
times ranked

544
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural language processing methods for knowledge managementâ€”Applying document clustering for fast search and grouping of engineering documents. Concurrent Engineering Research and Applications, 2021, 29, 142-152.	2.0	9
2	Adapting discrete goods supply chains to support mass customisation of pharmaceutical products. Concurrent Engineering Research and Applications, 2021, 29, 309-327.	2.0	3
3	Pharmaceutical Product Modularization as a Mass Customization Strategy to Increase Patient Benefit Cost-Efficiently. Systems, 2021, 9, 59.	1.2	2
4	From CDIO to challenge-based learning experiences â€” expanding student learning as well as societal impact?. European Journal of Engineering Education, 2020, 45, 22-37.	1.5	68
5	Water transport and absorption in pharmaceutical tablets â€” a numerical study. Meccanica, 2020, 55, 421-433.	1.2	8
6	Modeling industrial engineering change processes using the design structure matrix for sequence analysis: a comparison of multiple projects. Design Science, 2020, 6, .	1.1	1
7	Integrated product and manufacturing system platforms supporting the design of personalized medicines. Journal of Manufacturing Systems, 2020, 56, 281-295.	7.6	23
8	Scholarly development of engineering education â€” the CDIO approach. European Journal of Engineering Education, 2020, 45, 1-3.	1.5	11
9	Industry Trends to 2040. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 2121-2128.	0.6	5
10	Supporting Knowledge Re-Use with Effective Searches of Related Engineering Documents - A Comparison of Search Engine and Natural Language Processing-Based Algorithms. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 2597-2606.	0.6	7
11	Decision Support for Re-Designed Medicinal Products - Assessing Consequences of a Customizable Product Design on the Value Chain from a Sustainability Perspective. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 867-876.	0.6	4
12	Lifecycle design and management of additive manufacturing technologies. Procedia Manufacturing, 2018, 19, 135-142.	1.9	16
13	Formulating constraint satisfaction problems for the inspection of configuration rules. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2016, 30, 313-328.	0.7	0
14	Professional development of Russian HEIs' management and faculty in CDIO standards application. European Journal of Engineering Education, 2016, 41, 426-437.	1.5	11
15	A systematic process for developing product configuration rules. International Journal of Product Lifecycle Management, 2015, 8, 46.	0.1	6
16	Faculty development programme based on CDIO framework. , 2015, , .		4
17	Rethinking Engineering Education. , 2014, , .		199
18	Effective method for creating engineering checklists. Journal of Engineering Design, 2013, 24, 453-475.	1.1	7

#	ARTICLE	IF	CITATIONS
19	PLM implementation guidelines – relevance and application in practice: a discussion of findings from a retrospective case study. <i>International Journal of Product Lifecycle Management</i> , 2012, 6, 79.	0.1	27
20	A Comparison of the CDIO and EUR-ACE Quality Assurance Systems. <i>International Journal of Quality Assurance in Engineering and Technology Education</i> , 2012, 2, 9-22.	0.1	7
21	A Method to Identify Risks Associated with a PLM Solution. <i>International Federation for Information Processing</i> , 2012, , 512-524.	0.4	1
22	Verification of Item Usage Rules in Product Configuration. <i>International Federation for Information Processing</i> , 2012, , 182-191.	0.4	1
23	A proposal for a structured approach for cross-company teamwork: a case study of involving the customer in service innovation. <i>Research in Engineering Design - Theory, Applications, and Concurrent Engineering</i> , 2011, 22, 153-171.	1.2	20
24	CUSTOMIZING PRODUCT DATA MANAGEMENT FOR SYSTEMS ENGINEERING IN AN INFORMAL LEAN-INFLUENCED ORGANIZATION. <i>Systems Research Forum</i> , 2010, 04, 101-120.	0.1	3
25	Quality Assurance of Engineering Education in Sweden. , 2009, , 133-143.		4
26	Implementing a service-oriented PLM architecture focusing on support for engineering change management. <i>International Journal of Product Lifecycle Management</i> , 2008, 3, 335.	0.1	14
27	Implementing Support for Management of Mechatronic Product Data in PLM Systems: Two Case Studies. , 2006, , 1175.		3
28	Requirements management in practice: findings from an empirical study in the automotive industry. <i>Research in Engineering Design - Theory, Applications, and Concurrent Engineering</i> , 2006, 17, 113-134.	1.2	54
29	A Process-Oriented Approach for Management of Product Configuration Models. , 2004, , 691.		1
30	Product data management system-based support for engineering project management. <i>Journal of Engineering Design</i> , 2004, 15, 389-403.	1.1	52
31	Computer Support for Requirements Management in an International Product Development Project. , 2004, , .		3
32	Strategies for Product Structure Management at Manufacturing Firms. <i>Journal of Computing and Information Science in Engineering</i> , 2002, 2, 50-58.	1.7	36
33	Implementing requirements management: A task for specialized software tools or PDM systems?. <i>Systems Engineering</i> , 2001, 4, 49-57.	1.6	10
34	Complementary Roles of IDEF0 and DSM for the Modeling of Information Management Processes. <i>Concurrent Engineering Research and Applications</i> , 1999, 7, 95-103.	2.0	14
35	A Framework for Modelling and Analysis of Engineering Information Management Systems. , 1999, , .		11
36	A Comparative Study of Engineering Change Management in Three Swedish Engineering Companies. , 1998, , .		44

#	ARTICLE	IF	CITATIONS
37	Improved Function-means Trees by Inclusion of Design History Information. Journal of Engineering Design, 1997, 8, 107-117.	1.1	44
38	ANALYSIS OF ENGINEERING CHANGE REQUESTS USING MARKOV CHAINS. , 0, , .		5