

Wilhelm Frederik van der Vegte

List of Publications by Year in descending order

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18
papers

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citations

2258059

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2053705

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all docs

18
docs citations

18
times ranked

32
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards an Approach Integrating Various Levels of Data Analytics to Exploit Product-Usage Information in Product Development. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 2627-2636.	0.6	7
2	Simulations Based on Product-Usage Information From Connected Products to Support Redesign for Improved Performance: Exploration of Practical Application to Domestic Fridge-Freezers. Journal of Computing and Information Science in Engineering, 2019, 19, .	2.7	4
3	Studying a New Embarking and Disembarking Process for Future Hyperloop Passengers. Advances in Intelligent Systems and Computing, 2019, , 217-229.	0.6	2
4	Simulation of Product Performance Based on Real Product-Usage Information: First Results of Practical Application to Domestic Refrigerators. , 2018, , .		1
5	Dynamic Computation of Time-Varying Spatial Contexts. Journal of Computing and Information Science in Engineering, 2017, 17, .	2.7	3
6	Taking Advantage of Data Generated by Products: Trends, Opportunities and Challenges. , 2016, , .		7
7	Smart Reading Aid for Detecting Problems With Reading Fluency and Comprehension. , 2016, , .		1
8	Dynamic Spatial Context Computation for Time-Varying Process Scenarios. , 2016, , .		0
9	Motivating subjects to drive in haste using time pressure in a simulated environment. International Journal of Computer Aided Engineering and Technology, 2016, 8, 99.	0.2	1
10	Bulk simulation of physics and interaction aspects of products: formal underpinnings and proof-of-concept implementation. Journal of Design Research, 2014, 12, 97.	0.1	0
11	Technologies for Collaboration. CoDesign, 2013, 9, 133-135.	2.0	0
12	Theoretical underpinning and prototype implementation of scenario bundle-based logical control for simulation of human-artifact interaction. CAD Computer Aided Design, 2012, 44, 791-809.	2.7	3
13	Towards Improved User-Product Testing With Cognitively Enhanced Scenarios. , 2012, , .		1
14	Conceptualisation and formalisation of technical functions. Journal of Engineering Design, 2011, 22, 727-731.	2.3	2
15	An Information Technological Specification of Abstract Prototyping for Artifact and Service Combinations. , 2011, , .		4
16	Achieving Closed-Loop Control Simulation of Human-Artifact Interaction: A Comparative Review. Modelling and Simulation in Engineering, 2011, 2011, 1-16.	0.7	2
17	Hybrid Simulation of Use Processes With Scenario Structures and Resource-Integrated Models. , 2007, , .		1
18	Towards computer-supported inclusion and integration of life cycle processes in product conceptualization based on the process tree. Automation in Construction, 2001, 10, 731-740.	9.8	3