

# Ryan M Arlitt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8842809/publications.pdf>

Version: 2024-02-01

14  
papers

115  
citations

1937457

4  
h-index

1588896

8  
g-index

14  
all docs

14  
docs citations

14  
times ranked

93  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systemizing and Automating the Concept Development Process Based on Product Configuration and User Feedback: Case Study on Automating the Design Process of Creating Concepts for a Kitchen Stand Mixer. <i>Systems</i> , 2022, 10, 60.	1.2	0
2	Computer-aided mind map generation via crowdsourcing and machine learning. <i>Research in Engineering Design - Theory, Applications, and Concurrent Engineering</i> , 2020, 31, 383-409.	1.2	17
3	A Functional Failure Analysis Method of Identifying and Mitigating Spurious System Emissions From a System of Interest in a System of Systems. <i>Journal of Computing and Information Science in Engineering</i> , 2020, 20, .	1.7	4
4	Feature Engineering for Design Thinking Assessment. <i>Proceedings of the Design Society International Conference on Engineering Design</i> , 2019, 1, 3891-3900.	0.6	2
5	A Generative Human-in-the-Loop Approach for Conceptual Design Exploration Using Flow Failure Frequency in Functional Models <sup>1</sup> . <i>Journal of Computing and Information Science in Engineering</i> , 2019, 19, .	1.7	3
6	A method of identifying and analyzing irrational system behavior in a system of systems. <i>Systems Engineering</i> , 2019, 22, 519-537.	1.6	10
7	Toward a Functional Failure Analysis Method of Identifying and Mitigating Spurious System Emissions in a System of Systems. , 2019, , .		1
8	Irrational System Behavior in a System of Systems. , 2018, , .		4
9	The Function-Based Design for Sustainability Method. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2017, 139, .	1.7	21
10	Design Innovation: A Study of Integrated Practice. , 2017, , .		29
11	Automated design of flexible linkers. <i>Dalton Transactions</i> , 2016, 45, 4338-4345.	1.6	3
12	The early implementation of failure modes into existing component model libraries. <i>Research in Engineering Design - Theory, Applications, and Concurrent Engineering</i> , 2014, 25, 203-221.	1.2	8
13	Functional Impact Comparison of Common and Innovative Products. , 2013, , .		3
14	Complexity as a Surrogate Mapping Between Function Models and Market Value. , 2011, , .		10