

Fredrik Asplund

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/337075/fredrik-asplund-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

128

citations

5

h-index

10

g-index

32

ext. papers

183

ext. citations

2.9

avg, IF

3.4

L-index

#	Paper	IF	Citations
28	New needs to consider during accident analysis: Implications of autonomous vehicles with collision reconfiguration systems. <i>Accident Analysis and Prevention</i> , 2022 , 173, 106704	6.1	0
27	Problematizing the Service Portfolio of Digital Innovation Hubs. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 433-440	0.5	1
26	The genesis of public-private innovation ecosystems: Bias and challenges?. <i>Technological Forecasting and Social Change</i> , 2021 , 162, 120378	9.5	9
25	Work functions shaping the ability to innovate: insights from the case of the safety engineer. <i>Cognition, Technology and Work</i> , 2021 , 23, 143-159	2.9	0
24	A Data-Driven Method Towards Minimizing Collision Severity for Highly Automated Vehicles. <i>IEEE Transactions on Intelligent Vehicles</i> , 2021 , 1-1	5	2
23	Conflict as software levels diversify: Tactical elimination or strategic transformation of practice?. <i>Safety Science</i> , 2020 , 126, 104682	5.8	0
22	The Role of Competence Networks in the Era of Cyber-Physical Systems [Promoting Knowledge Sharing and Knowledge Exchange. <i>IEEE Design and Test</i> , 2020 , 37, 8-15	1.4	5
21	Pre-Crash Vehicle Control and Manoeuvre Planning: A Step Towards Minimizing Collision Severity for Highly Automated Vehicles 2019 ,		4
20	Exploratory testing: Do contextual factors influence software fault identification?. <i>Information and Software Technology</i> , 2019 , 107, 101-111	3.4	3
19	Rapid Integration of CPS Security and Safety. <i>IEEE Embedded Systems Letters</i> , 2019 , 11, 111-114	1	4
18	A systematic review to merge discourses: Interoperability, integration and cyber-physical systems. <i>Journal of Industrial Information Integration</i> , 2018 , 9, 14-23	7	41
17	Characterization, Analysis, and Recommendations for Exploiting the Opportunities of Cyber-Physical Systems 2017 , 3-14		14
16	Architecture and Safety for Autonomous Heavy Vehicles: ARCHER 2017 , 571-581		
15	Experiences and reflections on three years of CPS summer schools within EIT digital 2016 ,		3
14	Architecture Challenges for Intelligent Autonomous Machines. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 1669-1681	0.4	4
13	Measuring tool chain interoperability in Cyber-Physical Systems 2016 ,		1
12	Towards an Ontology-Based Approach to Safety Management in Cooperative Intelligent Transportation Systems. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 107-115	0.4	3

11	The future of software tool chain safety qualification. <i>Safety Science</i> , 2015 , 74, 37-43	5.8	2
10	A knowledge-in-the-loop approach to integrated safety&security for cooperative system-of-systems 2015 ,		5
9	The Need for a Confidence View of CPS Support Environments (Fast Abstract) 2015 ,		1
8	The discourse on tool integration beyond technology, a literature survey. <i>Journal of Systems and Software</i> , 2015 , 106, 117-131	3.3	4
7	Intelligent Transport Systems - The Role of a Safety Loop for Holistic Safety Management. <i>Lecture Notes in Computer Science</i> , 2014 , 3-10	0.9	1
6	Tool Integration, from Tool to Tool Chain with ISO 26262 2012 ,		3
5	Qualifying Software Tools, a Systems Approach. <i>Lecture Notes in Computer Science</i> , 2012 , 340-351	0.9	6
4	Towards the Automated Qualification of Tool Chain Design. <i>Lecture Notes in Computer Science</i> , 2012 , 392-399	0.9	2
3	Tool Integration beyond Wasserman. <i>Lecture Notes in Business Information Processing</i> , 2011 , 270-281	0.6	6
2	Boundary spanning at work placements: challenges to overcome, and ways to learn in preparation for early career engineering. <i>European Journal of Engineering Education</i> ,1-20	1.5	1
1	Measuring professional skills misalignment based on early-career engineers' perceptions of engineering expertise. <i>European Journal of Engineering Education</i> ,1-27	1.5	2