Fredrik Asplund

List of Publications by Citations

| 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	A systematic review to merge discourses: Interoperability, integration and cyber-physical systems. *Journal of Industrial Information Integration*, **2018**, 9, 14-23	7	41
27	Characterization, Analysis, and Recommendations for Exploiting the Opportunities of Cyber-Physical Systems **2017**, 3-14		14
26	The genesis of public-private innovation ecosystems: Bias and challenges?. *Technological Forecasting and Social Change*, **2021**, 162, 120378	9.5	9
25	Tool Integration beyond Wasserman. *Lecture Notes in Business Information Processing*, **2011**, 270-281	0.6	6
24	Qualifying Software Tools, a Systems Approach. *Lecture Notes in Computer Science*, **2012**, 340-351	0.9	6
23	A knowledge-in-the-loop approach to integrated safety&security for cooperative system-of-systems **2015**,		5
22	The Role of Competence Networks in the Era of Cyber-Physical Systems Promoting Knowledge Sharing and Knowledge Exchange. *IEEE Design and Test*, **2020**, 37, 8-15	1.4	5
21	Architecture Challenges for Intelligent Autonomous Machines. *Advances in Intelligent Systems and Computing*, **2016**, 1669-1681	0.4	4
20	The discourse on tool integration beyond technology, a literature survey. *Journal of Systems and Software*, **2015**, 106, 117-131	3.3	4
19	Pre-Crash Vehicle Control and Manoeuvre Planning: A Step Towards Minimizing Collision Severity for Highly Automated Vehicles **2019**,		4
18	Rapid Integration of CPS Security and Safety. *IEEE Embedded Systems Letters*, **2019**, 11, 111-114	1	4
17	Towards an Ontology-Based Approach to Safety Management in Cooperative Intelligent Transportation Systems. *Advances in Intelligent Systems and Computing*, **2015**, 107-115	0.4	3
16	Experiences and reflections on three years of CPS summer schools within EIT digital **2016**,		3
15	Tool Integration, from Tool to Tool Chain with ISO 26262 **2012**,		3
14	Exploratory testing: Do contextual factors influence software fault identification?. *Information and Software Technology*, **2019**, 107, 101-111	3.4	3
13	The future of software tool chain safety qualification. *Safety Science*, **2015**, 74, 37-43	5.8	2
12	Towards the Automated Qualification of Tool Chain Design. *Lecture Notes in Computer Science*, **2012**, 392-399	0.9	2

List of Publications

11	A Data-Driven Method Towards Minimizing Collision Severity for Highly Automated Vehicles. *IEEE Transactions on Intelligent Vehicles*, **2021**, 1-1	5	2
10	Measuring professional skills misalignment based on early-career engineers perceptions of engineering expertise. *European Journal of Engineering Education*, 1-27	1.5	2
9	The Need for a Confidence View of CPS Support Environments (Fast Abstract) **2015**,		1
8	Problematizing the Service Portfolio of Digital Innovation Hubs. *IFIP Advances in Information and Communication Technology*, **2021**, 433-440	0.5	1
7	Intelligent Transport Systems - The Role of a Safety Loop for Holistic Safety Management. *Lecture Notes in Computer Science*, **2014**, 3-10	0.9	1
6	Boundary spanning at work placements: challenges to overcome, and ways to learn in preparation for early career engineering. *European Journal of Engineering Education*, 1-20	1.5	1
5	Measuring tool chain interoperability in Cyber-Physical Systems **2016**,		1
4	Conflict as software levels diversify: Tactical elimination or strategic transformation of practice?. *Safety Science*, **2020**, 126, 104682	5.8	0
3	Work functions shaping the ability to innovate: insights from the case of the safety engineer. *Cognition, Technology and Work*, **2021**, 23, 143-159	2.9	0
2	New needs to consider during accident analysis: Implications of autonomous vehicles with collision reconfiguration systems. *Accident Analysis and Prevention*, **2022**, 173, 106704	6.1	0
1	Architecture and Safety for Autonomous Heavy Vehicles: ARCHER **2017**, 571-581		