

Ulrik Franke

List of Publications by Citations

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

76
papers

832
citations

16
h-index

25
g-index

79
ext. papers

1,038
ext. citations

2.1
avg, IF

4.99
L-index

#	Paper	IF	Citations
76	Cyber situational awareness [A systematic review of the literature. <i>Computers and Security</i> , 2014 , 46, 18-31	4.9	160
75	Enterprise Architecture Meta Models for IT/Business Alignment Situations 2010 ,		47
74	The cyber insurance market in Sweden. <i>Computers and Security</i> , 2017 , 68, 130-144	4.9	37
73	Optimal IT Service Availability: Shorter Outages, or Fewer?. <i>IEEE Transactions on Network and Service Management</i> , 2012 , 9, 22-33	4.8	36
72	Quantifying Success Factors for IT Projects—An Expert-Based Bayesian Model. <i>Information Systems Management</i> , 2014 , 31, 21-36	3.1	34
71	Can the Common Vulnerability Scoring System be Trusted? A Bayesian Analysis. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2018 , 15, 1002-1015	3.9	27
70	Vehicle to Grid [Monte Carlo simulations for optimal Aggregator strategies 2010 ,		26
69	A Tool for Enterprise Architecture Analysis Using the PRM Formalism. <i>Lecture Notes in Computer Science</i> , 2011 , 108-121	0.9	25
68	Experimental Evidence on Decision-Making in Availability Service Level Agreements. <i>IEEE Transactions on Network and Service Management</i> , 2016 , 13, 58-70	4.8	22
67	Enterprise architecture availability analysis using fault trees and stakeholder interviews. <i>Enterprise Information Systems</i> , 2014 , 8, 1-25	3.5	21
66	Availability of enterprise IT systems: an expert-based Bayesian framework. <i>Software Quality Journal</i> , 2012 , 20, 369-394	1.2	20
65	Veracity assessment of online data. <i>Decision Support Systems</i> , 2020 , 129, 113132	5.6	18
64	The Distribution of Time to Recovery of Enterprise IT Services. <i>IEEE Transactions on Reliability</i> , 2014 , 63, 858-867	4.6	17
63	Data Collection Prioritization for System Quality Analysis. <i>Electronic Notes in Theoretical Computer Science</i> , 2009 , 233, 29-42	0.7	17
62	EAF2- A Framework for Categorizing Enterprise Architecture Frameworks 2009 ,		16
61	P2AMF: Predictive, Probabilistic Architecture Modeling Framework. <i>Lecture Notes in Business Information Processing</i> , 2013 , 104-117	0.6	16
60	An architecture framework for enterprise IT service availability analysis. <i>Software and Systems Modeling</i> , 2014 , 13, 1417-1445	1.9	14

59	A decision-making process-line for selection of software asset origins and components. <i>Journal of Systems and Software</i> , 2018 , 135, 88-104	3.3	13
58	An architecture modeling framework for probabilistic prediction. <i>Information Systems and E-Business Management</i> , 2014 , 12, 595-622	2.6	13
57	A Tool for Interoperability Analysis of Enterprise Architecture Models using Pi-OCL 2010 , 81-90		13
56	Enterprise Meta Modeling Methods [Combining a Stakeholder-Oriented and a Causality-Based Approach. <i>Lecture Notes in Business Information Processing</i> , 2009 , 381-393	0.6	13
55	A Tool for Enterprise Architecture Analysis of Maintainability 2009 ,		12
54	Cyber Situational Awareness Testing. <i>Advanced Sciences and Technologies for Security Applications</i> , 2016 , 209-233	0.6	11
53	Quantifying IT Impacts on Organizational Structure and Business Value with Extended Influence Diagrams. <i>Lecture Notes in Business Information Processing</i> , 2008 , 138-152	0.6	11
52	Cyber-threat perception and risk management in the Swedish financial sector. <i>Computers and Security</i> , 2021 , 105, 102239	4.9	11
51	A probabilistic approach to IT risk management in the Basel regulatory framework. <i>Journal of Financial Regulation and Compliance</i> , 2017 , 25, 176-195	0.7	9
50	Trends in Enterprise Architecture Practice [A Survey. <i>Lecture Notes in Business Information Processing</i> , 2010 , 16-29	0.6	9
49	Measuring the impact of enterprise integration on firm performance using data envelopment analysis. <i>International Journal of Production Economics</i> , 2018 , 200, 119-129	9.3	8
48	Vehicle to grid [Reference architectures for the control markets in Sweden and Germany 2010 ,		8
47	Analysis of IT/Business Alignment Situations as a Precondition for the Design and Engineering of Situated IT/Business Alignment Solutions 2011 ,		8
46	Supporting Strategic Decision-Making for Selection of Software Assets. <i>Lecture Notes in Business Information Processing</i> , 2016 , 1-15	0.6	7
45	Modeling the IT Impact on Organizational Structure 2009 ,		7
44	Cyber Insurance Against Electronic Payment Service Outages. <i>Lecture Notes in Computer Science</i> , 2018 , 73-84	0.9	7
43	Enterprise IT service downtime cost and risk transfer in a supply chain. <i>Operations Management Research</i> , 2020 , 13, 94-108	3.6	6
42	Using cyber defense exercises to obtain additional data for attacker profiling 2016 ,		6

41	A test of intrusion alert filtering based on network information. <i>Security and Communication Networks</i> , 2015 , 8, 2291-2301	1.9	6
40	IT Consolidation: An Optimization Approach 2010 ,		6
39	Automating threat modeling using an ontology framework. <i>Cybersecurity</i> , 2020 , 3,	5	6
38	Automated architecture modeling for enterprise technology manage me using principles from data fusion: A security analysis case 2016 ,		6
37	The cyber-insurance market in Norway. <i>Information and Computer Security</i> , 2019 , 28, 54-67	1.4	6
36	An Enterprise Architecture framework for application consolidation in the Swedish Armed Forces 2009 ,		5
35	An Experiment in SLA Decision-Making. <i>Lecture Notes in Computer Science</i> , 2013 , 256-267	0.9	5
34	Probabilistic availability analysis of control and automation systems for active distribution networks 2010 ,		4
33	An Empirical Investigation of the Right to Explanation Under GDPR in Insurance. <i>Lecture Notes in Computer Science</i> , 2020 , 125-139	0.9	4
32	Data Integration Using Machine Learning 2016 ,		4
31	Sharing of Vulnerability Information Among Companies [A Survey of Swedish Companies 2019 ,		4
30	Risks and assets: a qualitative study of a software ecosystem in the mining industry 2019 ,		3
29	What can we learn from enterprise architecture models? An experiment comparing models and documents for capability development. <i>Software and Systems Modeling</i> , 2018 , 17, 695-711	1.9	3
28	Characterization of trade-off preferences between non-functional properties. <i>Information Systems</i> , 2018 , 74, 86-102	2.7	3
27	Availability of a SCADA/OMS/DMS system [A case study 2010 ,		3
26	Decision support oriented Enterprise Architecture metamodel management using classification trees 2009 ,		3
25	Rawls' Original Position and Algorithmic Fairness. <i>Philosophy and Technology</i> , 2021 , 34, 1803	3.6	3
24	Nordic lights? National AI policies for doing well by doing good. <i>Journal of Cyber Policy</i> , 2020 , 5, 332-349	1	2

23	Towards Preference Elicitation for Trade-Offs between Non-Functional Properties 2016 ,		2
22	Analysis of Enterprise Architecture Evolution Using Markov Decision Processes. <i>Lecture Notes in Business Information Processing</i> , 2016 , 37-51	0.6	2
21	Enterprise Architecture Analysis with Production Functions 2014 ,		2
20	A Method for Choosing Software Assessment Measures Using Bayesian Networks and Diagnosis 2009 ,		2
19	A Framework for Automatic IT Architecture Modeling: Applying Truth Discovery. <i>Complex Systems Informatics and Modeling Quarterly</i> , 2019 , 20-56	0.9	2
18	Towards Increased Transparency with Value Sensitive Design. <i>Lecture Notes in Computer Science</i> , 2020 , 3-15	0.9	2
17	Benefits of Enterprise Integration: Review, Classification, and Suggestions for Future Research. <i>Lecture Notes in Business Information Processing</i> , 2012 , 34-45	0.6	2
16	A survey of cyber security in the Swedish manufacturing industry 2020 ,		2
15	A Census of Swedish Public Sector Employee Communication on Cybersecurity during the COVID-19 Pandemic 2021 ,		2
14	Demand side expectations of cyber insurance 2019 ,		2
13	Transparency and insurance professionals: a study of Swedish insurance practice attitudes and future development. <i>Geneva Papers on Risk and Insurance: Issues and Practice</i> , 2021 , 46, 1-26	1.2	2
12	Information Requirements for National Level Cyber Situational Awareness 2018 ,		2
11	Towards Automatic Veracity Assessment of Open Source Information 2015 ,		1
10	Prospects for Detecting Deception on Twitter 2014 ,		1
9	Observable Cyber Risk on Cournot Oligopoly Data Storage Markets. <i>Risks</i> , 2020 , 8, 119	1.6	1
8	IT service outage cost: case study and implications for cyber insurance. <i>Geneva Papers on Risk and Insurance: Issues and Practice</i> , 2020 , 45, 760-784	1.2	1
7	Two simple models of business interruption accumulation risk in cyber insurance 2019 ,		1
6	First- and Second-Level Bias in Automated Decision-making. <i>Philosophy and Technology</i> , 2022 , 35, 1	3.6	0

5	Explaining automated decision-making: a multinational study of the GDPR right to meaningful information. <i>Geneva Papers on Risk and Insurance: Issues and Practice</i> , 1	1.2	○
4	Cyber situational awareness issues and challenges 2022 , 235-265		○
3	An experiment in ontology use for command and control interoperability. <i>Automated Software Engineering</i> , 2015 , 22, 145-157	1.5	
2	Vehicle to grid: system reference architectures and Monte Carlo simulations. <i>International Journal of Vehicle Autonomous Systems</i> , 2013 , 11, 205	0.4	
1	The Cost of Incidents in Essential Services Data from Swedish NIS Reporting. <i>Lecture Notes in Computer Science</i> , 2021 , 116-129	0.9	