Audun JÃ¸sang

List of Publications by Year
in descending order

81 papers	5,605 citations	304743 22 h-index	118850 62 g-index
84 all docs	84 docs citations	84 times ranked	3190 citing authors

#	Article	IF	Citations
1	A survey of trust and reputation systems for online service provision. Decision Support Systems, 2007, 43, 618-644.	5.9	2,649
2	A LOGIC FOR UNCERTAIN PROBABILITIES. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2001, 09, 279-311.	1.9	722
3	The right type of trust for distributed systems. , 1996, , .		182
4	Subjective Logic. The Artificial Intelligence: Foundationsory, and Algorithms, 2016, , .	0.4	148
5	The consensus operator for combining beliefs. Artificial Intelligence, 2002, 141, 157-170.	5.8	135
6	The state-of-the-art in personalized recommender systems for social networking. Artificial Intelligence Review, 2012, 37, 119-132.	15.7	131
7	Analysing the Relationship between Risk and Trust. Lecture Notes in Computer Science, 2004, , 135-145.	1.3	127
8	The Impact of Quantum Computing on Present Cryptography. International Journal of Advanced Computer Science and Applications, 2018, 9, .	0.7	126
9	Optimal Trust Network Analysis with Subjective Logic. , 2008, , .		114
10	Technologies for Trust in Electronic Commerce. Electronic Commerce Research, 2004, 4, 9-21.	5.0	89
11	Exploring Different Types of Trust Propagation. Lecture Notes in Computer Science, 2006, , 179-192.	1.3	85
12	Can We Manage Trust?. Lecture Notes in Computer Science, 2005, , 93-107.	1.3	82
13	Trust and Reputation Systems. Lecture Notes in Computer Science, 2007, , 209-245.	1.3	78
14	Simulating the Effect of Reputation Systems on E-markets. Lecture Notes in Computer Science, 2003, , 179-194.	1.3	61
15	Multiplication and comultiplication of beliefs. International Journal of Approximate Reasoning, 2005, 38, 19-51.	3.3	49
16	Cumulative and averaging fusion of beliefs. Information Fusion, 2010, 11, 192-200.	19.1	44
17	A user-centric federated single sign-on system. Journal of Network and Computer Applications, 2009, 32, 388-401.	9.1	42
18	Advanced Features in Bayesian Reputation Systems. Lecture Notes in Computer Science, 2009, , 105-114.	1.3	37

#	Article	IF	Citations
19	Global perspectives on cybersecurity education for 2030: a case for a meta-discipline. , 2018, , .		33
20	Robustness of Trust and Reputation Systems: Does It Matter?. International Federation for Information Processing, 2012, , 253-262.	0.4	31
21	Prospectives for modelling trust in information security. Lecture Notes in Computer Science, 1997, , 2-13.	1.3	26
22	Legal reasoning with subjective logic. Artificial Intelligence and Law, 2001, 8, 289-315.	4.0	26
23	Security Usability Principles for Vulnerability Analysis and Risk Assessment. , 2007, , .		26
24	DEMPSTERâ€™S RULE AS SEEN BY LITTLE COLORED BALLS. Computational Intelligence, 2012, 28, 453-474.	3.2	25
25	Trust Transitivity and Conditional Belief Reasoning. International Federation for Information Processing, 2012, , 68-83.	0.4	24
26	Data-Driven Threat Hunting Using Sysmon. , 2018, , .		22
27	Reputation-Based Trust Systems for Wireless Sensor Networks: A Comprehensive Review. IFIP Advances in Information and Communication Technology, 2013, , 66-82.	0.7	20
28	Combining Recommender and Reputation Systems to Produce Better Online Advice. Lecture Notes in Computer Science, 2013, , 126-138.	1.3	19
29	A normal-distribution based rating aggregation method for generating product reputations. Web Intelligence, 2015, 13, 43-51.	0.2	18
30	Continuous Ratings in Discrete Bayesian Reputation Systems. , 2008, , 151-166.		18
31	Conditional Deduction Under Uncertainty. Lecture Notes in Computer Science, 2005, , 824-835.	1.3	16
32	Behavioural Computer Science: an agenda for combining modelling of human and system behaviours. Human-centric Computing and Information Sciences, 2018, 8, .	6.1	16
33	Combining Trust and Reputation Management for Web-Based Services. Lecture Notes in Computer Science, 2008, , 90-99.	1.3	16
34	Security Usability of Petname Systems. Lecture Notes in Computer Science, 2009, , 44-59.	1.3	16
35	The Mobile Phone as a Multi OTP Device Using Trusted Computing. , 2010, , .		13
36	Taste and Trust. International Federation for Information Processing, 2011, , 312-322.	0.4	13

#	Article	IF	Citations
37	One-Time Biometrics for Online Banking and Electronic Payment Authentication. Lecture Notes in Computer Science, 2014, , 179-193.	1.3	12
38	Cybersecurity Through Secure Software Development. IFIP Advances in Information and Communication Technology, 2015, , 53-63.	0.7	12
39	Identity management and trusted interaction in Internet and mobile computing. IET Information Security, 2014, 8, 67-79.	1.7	11
40	Threat Poker: Solving Security and Privacy Threats in Agile Software Development. Lecture Notes in Computer Science, 2018, , 468-483.	1.3	11
41	A Normal-Distribution Based Reputation Model. Lecture Notes in Computer Science, 2014, , 144-155.	1.3	10
42	Subjective Networks: Perspectives and Challenges. Lecture Notes in Computer Science, 2015, , 107-124.	1.3	10
43	PKI Seeks a Trusting Relationship. Lecture Notes in Computer Science, 2000, , 191-205.	1.3	9
44	Integrating Trust with Public Reputation in Location-Based Social Networks for Recommendation Making. , 2008, , .		9
45	Vulnerabilities in personal firewalls caused by poor security usability. , 2010, , .		9
46	Probabilistic Modelling of Humans in Security Ceremonies. Lecture Notes in Computer Science, 2015, , 277-292.	1.3	9
47	Developing Trust Networks Based on User Tagging Information for Recommendation Making. Lecture Notes in Computer Science, 2010, , 357-364.	1.3	9
48	Trust Extortion on the Internet. Lecture Notes in Computer Science, 2012, , 6-21.	1.3	8
49	A rating aggregation method for generating product reputations. , 2014, , .		8
50	Interpreting Belief Functions as Dirichlet Distributions. Lecture Notes in Computer Science, 2007, , 393-404.	1.3	8
51	Extended HTTP Digest Access Authentication. International Federation for Information Processing, 2013, , 83-96.	0.4	8
52	The OffPAD: Requirements and Usage. Lecture Notes in Computer Science, 2013, , 80-93.	1.3	8
53	PKI Trust Models. Advances in Information Security, Privacy, and Ethics Book Series, 2013, , 279-301.	0.5	8
54	Service provider authentication assurance. , 2012, , .		7

#	Article	IF	Citations
55	Local user-centric identity management. Journal of Trust Management, 2015, 2, .	0.4	7
56	A Framework for Data-Driven Physical Security and Insider Threat Detection. , 2018, , .		7
57	FIDO Trust Requirements. Lecture Notes in Computer Science, 2015, , 139-155.	1.3	7
58	A Consistent Definition of Authorization. Lecture Notes in Computer Science, 2017, , 134-144.	1.3	7
59	A Medical Data Reliability Assessment Model. Journal of Theoretical and Applied Electronic Commerce Research, 2009, 4, .	5.7	6
60	A Combined Method for Mitigating Sparsity Problem in Tag Recommendation. , 2014, , .		5
61	Mathematical Modelling of Trust Issues in Federated Identity Management. IFIP Advances in Information and Communication Technology, 2015, , 13-29.	0.7	5
62	A new approach for multi-biometric fusion based on subjective logic. , 2017, , .		5
63	Towards Behavioural Computer Science. IFIP Advances in Information and Communication Technology, 2016, , 154-163.	0.7	5
64	Security Usability Principles for Vulnerability Analysis and Risk Assessment. Proceedings of the Computer Security Applications Conference, 2007, , .	0.0	5
65	Are My Arguments Trustworthy? Abstract Argumentation with Subjective Logic. , 2018, , .		3
66	An empirical evaluation of the approximation of subjective logic operators using Monte Carlo simulations. International Journal of Approximate Reasoning, 2019, 111, 56-77.	3.3	3
67	Personal Federation Control with the Identity Dashboard. International Federation for Information Processing, 2010, , 85-99.	0.4	3
68	Entity Authentication and Trust Validation in PKI Using Petname Systems. Advances in Information Security, Privacy, and Ethics Book Series, 2013, , 302-333.	0.5	3
69	Guest Editors' Introduction Trust and Trust Management. Journal of Theoretical and Applied Electronic Commerce Research, 2010, 5, .	5.7	3
70	Privacy Policy Referencing. Lecture Notes in Computer Science, 2010, , 129-140.	1.3	3
71	Recommender Systems for Web Intelligence. Journal of Emerging Technologies in Web Intelligence, 2010, 2, .	0.6	3
72	A trust policy framework. Lecture Notes in Computer Science, 1997, , 192-202.	1.3	2

#	Article	IF	Citations
73	Assurance Requirements for Mutual User and Service Provider Authentication. Lecture Notes in Computer Science, 2015, , 26-44.	1.3	2
74	Multiplication of Multinomial Subjective Opinions. Communications in Computer and Information Science, 2010, , 248-257.	0.5	2
75	Information Theory for Subjective Logic. Lecture Notes in Computer Science, 2015, , 230-242.	1.3	2
76	The base rate fallacy in belief reasoning. , 2010, , .		1
77	1,2, Pause: Lets Start by Meaningfully Navigating the Current Online Authentication Solutions Space. IFIP Advances in Information and Communication Technology, 2015, , 165-176.	0.7	1
78	Offline Trusted Device and Proxy Architecture Based on a new TLS Switching Technique. , 2017, , .		1
79	SimTrust: A New Method of Trust Network Generation. , 2010, , .		0
80	Special Issue on Trust and Identity Management in Mobile and Internet Computing and Communications. IET Information Security, 2013, 7, 1-2.	1.7	0
81	Exploit Prevention, Quo Vadis?. Lecture Notes in Computer Science, 2017, , 180-190.	1.3	0