

# Agnar Aamodt

## List of Publications by Year in descending order

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49  
papers

4,907  
citations

489802

18  
h-index

263392

45  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2886  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inference and reasoning in a Bayesian knowledge-intensive CBR system. Progress in Artificial Intelligence, 2021, 10, 49-63.	1.5	5
2	Fault diagnosis under uncertain situations within a Bayesian knowledge-intensive CBR system. Progress in Artificial Intelligence, 2021, 10, 245-258.	1.5	2
3	Using extended siamese networks to provide decision support in aquaculture operations. Applied Intelligence, 2021, 51, 8107-8118.	3.3	13
4	Learning similarity measures from data. Progress in Artificial Intelligence, 2020, 9, 129-143.	1.5	29
5	Petrol 18Å946: Downhole failures revealed through ontology engineering. Journal of Petroleum Science and Engineering, 2020, 191, 107188.	2.1	5
6	A spatio-temporal recurrent network for salmon feeding action recognition from underwater videos in aquaculture. Computers and Electronics in Agriculture, 2019, 167, 105087.	3.7	63
7	Design of a clinician dashboard to facilitate co-decision making in the management of non-specific low back pain. Journal of Intelligent Information Systems, 2019, 52, 269-284.	2.8	8
8	A learning system based on lazy metareasoning. Progress in Artificial Intelligence, 2018, 7, 129-146.	1.5	9
9	Bayesian-Supported Retrieval in BNCreek: A Knowledge-Intensive Case-Based Reasoning System. Lecture Notes in Computer Science, 2018, , 323-338.	1.0	5
10	Case Based Reasoning as a Model for Cognitive Artificial Intelligence. Lecture Notes in Computer Science, 2018, , 62-77.	1.0	7
11	Evolutionary Inspired Adaptation of Exercise Plans for Increasing Solution Variety. Lecture Notes in Computer Science, 2017, , 272-286.	1.0	0
12	Detection of Failures and Interpretation of Causes During Drilling Operations. , 2016, , .		4
13	Case Representation and Similarity Assessment in the selfBACK Decision Support System. Lecture Notes in Computer Science, 2016, , 32-46.	1.0	13
14	Evidence-Driven Retrieval in Textual CBR: Bridging the Gap Between Retrieval and Reuse. Lecture Notes in Computer Science, 2015, , 351-365.	1.0	10
15	Workshop: AI and Creativity in Entertainment. Lecture Notes in Computer Science, 2015, , 553-555.	1.0	3
16	Integrating human related errors with technical errors to determine causes behind offshore accidents. Safety Science, 2014, 63, 179-190.	2.6	28
17	Case-Based Reasoning for Improving Traffic Flow in Urban Intersections. Lecture Notes in Computer Science, 2014, , 215-229.	1.0	8
18	An overview of case-based reasoning applications in drilling engineering. Artificial Intelligence Review, 2014, 41, 317-329.	9.7	32

#	ARTICLE	IF	CITATIONS
19	Experience transfer for process improvement. Engineering Applications of Artificial Intelligence, 2013, 26, 2206-2214.	4.3	3
20	Detection of Symptoms for Revealing Causes Leading to Drilling Failures. SPE Drilling and Completion, 2013, 28, 182-193.	0.9	18
21	A Real-time Decision Support System for High Cost Oil Well Drilling Operations. AI Magazine, 2013, 34, 21-32.	1.4	25
22	Operational Support in Fish Farming through Case-Based Reasoning. Lecture Notes in Computer Science, 2012, , 104-113.	1.0	2
23	A hybrid CBR and BN architecture refined through data analysis. , 2011, , .		3
24	An Efficient Hybrid Classification Algorithm – An Example from Palliative Care. Lecture Notes in Computer Science, 2011, , 197-204.	1.0	1
25	Case-based reasoning for assessment and diagnosis of depression in palliative care. , 2010, , .		5
26	The Utility Problem for Lazy Learners - Towards a Non-eager Approach. Lecture Notes in Computer Science, 2010, , 141-155.	1.0	7
27	Architectures Integrating Case-Based Reasoning and Bayesian Networks for Clinical Decision Support. International Federation for Information Processing, 2010, , 82-91.	0.4	13
28	Applications of CBR in Oil Well Drilling: A General Overview. International Federation for Information Processing, 2010, , 102-111.	0.4	4
29	Determining Root Causes of Drilling Problems by Combining Cases and General Knowledge. Lecture Notes in Computer Science, 2009, , 509-523.	1.0	10
30	Evaluating CBR Systems Using Different Data Sources: A Case Study. Lecture Notes in Computer Science, 2006, , 121-135.	1.0	8
31	Contextualised Ambient Intelligence Through Case-Based Reasoning. Lecture Notes in Computer Science, 2006, , 211-225.	1.0	28
32	Case-based reasoning foundations. Knowledge Engineering Review, 2005, 20, 203-207.	2.1	45
33	Integrations with case-based reasoning. Knowledge Engineering Review, 2005, 20, 241-245.	2.1	28
34	Explanation in Case-Based Reasoning – Perspectives and Goals. Artificial Intelligence Review, 2005, 24, 109-143.	9.7	155
35	Knowledge-Based Decision Support in Oil Well Drilling. International Federation for Information Processing, 2005, , 443-455.	0.4	19
36	Retrieval, reuse, revision and retention in case-based reasoning. Knowledge Engineering Review, 2005, 20, 215-240.	2.1	436

#	ARTICLE	IF	CITATIONS
37	A Knowledge-Intensive Method for Conversational CBR. Lecture Notes in Computer Science, 2005, , 296-311.	1.0	16
38	Component Retrieval Using Conversational Case-Based Reasoning. , 2004, , 259-271.		6
39	Knowledge-Intensive Case-Based Reasoning in CREEK. Lecture Notes in Computer Science, 2004, , 1-15.	1.0	73
40	Representing Temporal Knowledge for Case-Based Prediction. Lecture Notes in Computer Science, 2002, , 174-188.	1.0	34
41	Improved Efficiency of Oil Well Drilling through Case Based Reasoning. Lecture Notes in Computer Science, 2000, , 712-722.	1.0	14
42	A new approach to applicable memory-based reasoning. Journal of Experimental and Theoretical Artificial Intelligence, 1999, 11, 479-496.	1.8	4
43	A context model for knowledge-intensive case-based reasoning. International Journal of Human Computer Studies, 1998, 48, 331-355.	3.7	39
44	Relating case-based problem solving and learning methods to task and domain characteristics: towards an analytic framework. AI Communications, 1996, 9, 109-116.	0.8	8
45	The case-based reasoning paradigm: perspective, technology and impacts. Lecture Notes in Computer Science, 1996, , 236-236.	1.0	0
46	Different roles and mutual dependencies of data, information, and knowledge " An AI perspective on their integration. Data and Knowledge Engineering, 1995, 16, 191-222.	2.1	127
47	Case-Based Reasoning: Foundational Issues, Methodological Variations, and System Approaches. AI Communications, 1994, 7, 39-59.	0.8	3,396
48	Explanation-driven case-based reasoning. Lecture Notes in Computer Science, 1994, , 274-288.	1.0	69
49	Knowledge-based information retrieval. Future Generation Computer Systems, 1992, 7, 379-390.	4.9	13