

Arthur H M Ter Hofstede

List of Publications by Year in Descending Order

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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.

201
papers

8,786
citations

41
h-index

90
g-index

213
ext. papers

9,990
ext. citations

2.1
avg, IF

6.19
L-index

#	Paper	IF	Citations
201	Process mining for healthcare: Characteristics and challenges.. <i>Journal of Biomedical Informatics</i> , 2022 , 127, 103994	10.2	19
200	Configurable Batch-Processing Discovery from Event Logs. <i>ACM Transactions on Management Information Systems</i> , 2022 , 13, 1-25	2	2
199	OrdinoR: A framework for discovering, evaluating, and analyzing organizational models using event logs. <i>Decision Support Systems</i> , 2022 , 113771	5.6	2
198	Crop Harvest Forecast via Agronomy-Informed Process Modelling and Predictive Monitoring. <i>Lecture Notes in Computer Science</i> , 2022 , 201-217	0.9	
197	Process Activity Ontology Learning From Event Logs Through Gamification. <i>IEEE Access</i> , 2021 , 9, 1658653-165880	3.5	1
196	Trauma by-pass guideline: A data-driven conformance analysis for road trauma cases in Queensland. <i>EMA - Emergency Medicine Australasia</i> , 2021 , 33, 1059-1065	1.5	0
195	Detecting Crowdsourcing Impasses. <i>IEEE Access</i> , 2021 , 9, 83642-83653	3.5	
194	Seeing the Forest for the Trees: Group-Oriented Workforce Analytics. <i>Lecture Notes in Computer Science</i> , 2021 , 345-362	0.9	1
193	Privacy-Breaching Patterns in NoSQL Databases. <i>IEEE Access</i> , 2021 , 9, 35229-35239	3.5	3
192	Using Big Data to Improve Safety Performance: An Application of Process Mining to Enhance Data Visualisation. <i>Big Data Research</i> , 2021 , 25, 100210	3.7	4
191	Extensible ontology-based views for business process models. <i>Knowledge and Information Systems</i> , 2021 , 63, 2763-2789	2.4	1
190	Design and Realisation of Scalable Business Process Management Systems for Deployment in the Cloud. <i>ACM Transactions on Management Information Systems</i> , 2021 , 12, 1-26	2	0
189	A Comparative Process Mining Analysis of Road Trauma Patient Pathways. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	6
188	Scenario-based process querying for compliance, reuse, and standardization. <i>Information Systems</i> , 2020 , 93, 101563	2.7	5
187	Privacy-Preserving Process Mining in Healthcare. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	23
186	2020 ,		7
185	Bot Log Mining: Using Logs from Robotic Process Automation for Process Mining. <i>Lecture Notes in Computer Science</i> , 2020 , 51-61	0.9	7

184	Co-destruction Patterns in Crowdsourcing. <i>Lecture Notes in Computer Science</i> , 2020 , 54-69	0.9	1
183	Resource-Based Adaptive Robotic Process Automation. <i>Lecture Notes in Computer Science</i> , 2020 , 451-466.	0.9	3
182	Robotic Process Automation: Contemporary themes and challenges. <i>Computers in Industry</i> , 2020 , 115, 103162	11.6	110
181	YAWL: An open source Business Process Management System from science for science. <i>SoftwareX</i> , 2020 , 12, 100576	2.7	0
180	An Expert Lens on Data Quality in Process Mining 2020 ,		4
179	Enabling efficient process mining on large data sets: realizing an in-database process mining operator. <i>Distributed and Parallel Databases</i> , 2020 , 38, 227-253	0.9	8
178	Stage-based discovery of business process models from event logs. <i>Information Systems</i> , 2019 , 84, 214-237	2.7	6
177	A systematic approach for discovering causal dependencies between observations and incidents in the health and safety domain. <i>Safety Science</i> , 2019 , 118, 345-354	5.8	4
176	Leveraging Data Quality to Better Prepare for Process Mining: An Approach Illustrated Through Analysing Road Trauma Pre-Hospital Retrieval and Transport Processes in Queensland. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	23
175	Pre-hospital Retrieval and Transport of Road Trauma Patients in Queensland. <i>Lecture Notes in Business Information Processing</i> , 2019 , 199-213	0.6	3
174	Preference-Based Resource and Task Allocation in Business Process Automation. <i>Lecture Notes in Computer Science</i> , 2019 , 404-421	0.9	1
173	Grounding Process Data Analytics in Domain Knowledge: A Mixed-Method Approach to Identifying Best Practice. <i>Lecture Notes in Business Information Processing</i> , 2019 , 163-179	0.6	4
172	A Contextual Approach to Detecting Synonymous and Polluted Activity Labels in Process Event Logs. <i>Lecture Notes in Computer Science</i> , 2019 , 76-94	0.9	5
171	A Case Study Lens on Process Mining in Practice. <i>Lecture Notes in Computer Science</i> , 2019 , 127-145	0.9	11
170	Towards Privacy-Preserving Process Mining in Healthcare. <i>Lecture Notes in Business Information Processing</i> , 2019 , 483-495	0.6	12
169	Analysing an Industrial Safety Process Through Process Mining: A Case Study. <i>Lecture Notes in Mechanical Engineering</i> , 2019 , 491-500	0.4	1
168	Isolating the impact of rock properties and operational settings on minerals processing performance: A data-driven approach. <i>Minerals Engineering</i> , 2018 , 122, 53-66	4.9	3
167	Detection and Interactive Repair of Event Ordering Imperfection in Process Logs. <i>Lecture Notes in Computer Science</i> , 2018 , 274-290	0.9	16

166	Indulpet Miner: Combining Discovery Algorithms. <i>Lecture Notes in Computer Science</i> , 2018 , 97-115	0.9	5
165	Design and Performance Analysis of Load Balancing Strategies for Cloud-Based Business Process Management Systems. <i>Lecture Notes in Computer Science</i> , 2018 , 390-406	0.9	
164	Towards the Design of a Scalable Business Process Management System Architecture in the Cloud. <i>Lecture Notes in Computer Science</i> , 2018 , 334-348	0.9	3
163	Multi-perspective Comparison of Business Process Variants Based on Event Logs. <i>Lecture Notes in Computer Science</i> , 2018 , 449-459	0.9	7
162	Finding the "fibers" Discover Organizational Models with Overlaps. <i>Lecture Notes in Computer Science</i> , 2018 , 339-355	0.9	4
161	Discovering work prioritisation patterns from event logs. <i>Decision Support Systems</i> , 2017 , 100, 77-92	5.6	11
160	ProcessProfiler3D: A visualisation framework for log-based process performance comparison. <i>Decision Support Systems</i> , 2017 , 100, 93-108	5.6	26
159	Mining Resource Profiles from Event Logs. <i>ACM Transactions on Management Information Systems</i> , 2017 , 8, 1-30	2	35
158	Impact-Driven Process Model Repair. <i>ACM Transactions on Software Engineering and Methodology</i> , 2017 , 25, 1-60	3.3	35
157	Filtering Out Infrequent Behavior from Business Process Event Logs. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2017 , 29, 300-314	4.2	87
156	Event log imperfection patterns for process mining: Towards a systematic approach to cleaning event logs. <i>Information Systems</i> , 2017 , 64, 132-150	2.7	113
155	Change visualisation: Analysing the resource and timing differences between two event logs. <i>Information Systems</i> , 2017 , 65, 106-123	2.7	11
154	Characterizing Drift from Event Streams of Business Processes. <i>Lecture Notes in Computer Science</i> , 2017 , 210-228	0.9	13
153	Mining Business Process Stages from Event Logs. <i>Lecture Notes in Computer Science</i> , 2017 , 577-594	0.9	6
152	Semi-supervised Log Pattern Detection and Exploration Using Event Concurrence and Contextual Information. <i>Lecture Notes in Computer Science</i> , 2017 , 154-174	0.9	14
151	Turning event logs into process movies: animating what has really happened. <i>Software and Systems Modeling</i> , 2016 , 15, 707-732	1.9	7
150	Evaluating and predicting overall process risk using event logs. <i>Information Sciences</i> , 2016 , 352-353, 98-129		25
149	Revising history for cost-informed process improvement. <i>Computing (Vienna/New York)</i> , 2016 , 98, 895-921		2

148	Detecting Drift from Event Streams of Unpredictable Business Processes. <i>Lecture Notes in Computer Science</i> , 2016 , 330-346	0.9	19
147	Business Process Performance Mining with Staged Process Flows. <i>Lecture Notes in Computer Science</i> , 2016 , 167-185	0.9	12
146	A Toolkit for Streaming Process Data Analysis 2016 ,		6
145	Untanglings: a novel approach to analyzing concurrent systems. <i>Formal Aspects of Computing</i> , 2015 , 27, 753-788	1.2	2
144	Event interval analysis: Why do processes take time?. <i>Decision Support Systems</i> , 2015 , 79, 77-98	5.6	15
143	Workflow Management 2015 , 475-506		3
142	Change your history: Learning from event logs to improve processes 2015 ,		5
141	A recommendation system for predicting risks across multiple business process instances. <i>Decision Support Systems</i> , 2015 , 69, 1-19	5.6	85
140	Detecting approximate clones in business process model repositories. <i>Information Systems</i> , 2015 , 49, 102-125	2.7	23
139	Current Research in Risk-aware Business Process Management Overview, Comparison, and Gap Analysis. <i>Communications of the Association for Information Systems</i> , 2014 , 34,	1.3	24
138	Achieving Intention-Centric BPM through Automated Planning 2014 ,		2
137	Perturbing event logs to identify cost reduction opportunities: A genetic algorithm-based approach 2014 ,		4
136	How to guarantee compliance between workflows and product lifecycles?. <i>Information Systems</i> , 2014 , 42, 195-215	2.7	9
135	The 4C Spectrum of Fundamental Behavioral Relations for Concurrent Systems. <i>Lecture Notes in Computer Science</i> , 2014 , 210-232	0.9	30
134	Indexing and Efficient Instance-Based Retrieval of Process Models Using Untanglings. <i>Lecture Notes in Computer Science</i> , 2014 , 439-456	0.9	5
133	An Extensible Framework for Analysing Resource Behaviour Using Event Logs. <i>Lecture Notes in Computer Science</i> , 2014 , 564-579	0.9	19
132	Profiling Event Logs to Configure Risk Indicators for Process Delays. <i>Lecture Notes in Computer Science</i> , 2013 , 465-481	0.9	14
131	Understanding Process Behaviours in a Large Insurance Company in Australia: A Case Study. <i>Lecture Notes in Computer Science</i> , 2013 , 449-464	0.9	38

130	Real-time risk monitoring in business processes: A sensor-based approach. <i>Journal of Systems and Software</i> , 2013 , 86, 2939-2965	3.3	25
129	Privacy-Aware Workflow Management. <i>Studies in Computational Intelligence</i> , 2013 , 111-128	0.8	6
128	Efficient querying of large process model repositories. <i>Computers in Industry</i> , 2013 , 64, 41-49	11.6	31
127	Predicting Deadline Transgressions Using Event Logs. <i>Lecture Notes in Business Information Processing</i> , 2013 , 211-216	0.6	31
126	APQL: A Process-Model Query Language. <i>Lecture Notes in Business Information Processing</i> , 2013 , 23-38	0.6	20
125	Root Cause Analysis with Enriched Process Logs. <i>Lecture Notes in Business Information Processing</i> , 2013 , 174-186	0.6	29
124	Cost-Informed Operational Process Support. <i>Lecture Notes in Computer Science</i> , 2013 , 174-181	0.9	4
123	Approximate Clone Detection in Repositories of Business Process Models. <i>Lecture Notes in Computer Science</i> , 2012 , 302-318	0.9	23
122	Automated Risk Mitigation in Business Processes. <i>Lecture Notes in Computer Science</i> , 2012 , 212-231	0.9	5
121	Visual support for work assignment in process-aware information systems: Framework formalisation and implementation. <i>Decision Support Systems</i> , 2012 , 54, 345-361	5.6	23
120	Workflow patterns put into context. <i>Software and Systems Modeling</i> , 2012 , 11, 319-323	1.9	32
119	Process Mining Manifesto. <i>Lecture Notes in Business Information Processing</i> , 2012 , 169-194	0.6	347
118	History-Aware, Real-Time Risk Detection in Business Processes. <i>Lecture Notes in Computer Science</i> , 2011 , 100-118	0.9	15
117	Automated Error Correction of Business Process Models. <i>Lecture Notes in Computer Science</i> , 2011 , 148-165		18
116	Open Source Software for Workflow Management: The Case of YAWL. <i>IEEE Software</i> , 2011 , 28, 16-19	1.5	16
115	Data and process requirements for product recall coordination. <i>Computers in Industry</i> , 2011 , 62, 776-786	11.6	22
114	Soundness of workflow nets: classification, decidability, and analysis. <i>Formal Aspects of Computing</i> , 2011 , 23, 333-363	1.2	215
113	Managing Process Model Complexity Via Abstract Syntax Modifications. <i>IEEE Transactions on Industrial Informatics</i> , 2011 , 7, 614-629	11.9	67

112	Managing Process Model Complexity via Concrete Syntax Modifications. <i>IEEE Transactions on Industrial Informatics</i> , 2011 , 7, 255-265	11.9	86
111	Configurable multi-perspective business process models. <i>Information Systems</i> , 2011 , 36, 313-340	2.7	127
110	Fragment-Based Version Management for Repositories of Business Process Models. <i>Lecture Notes in Computer Science</i> , 2011 , 20-37	0.9	24
109	Workflow Management 2010 , 387-418		7
108	Preserving correctness during business process model configuration. <i>Formal Aspects of Computing</i> , 2010 , 22, 459-482	1.2	78
107	A flexible, object-centric approach for business process modelling. <i>Service Oriented Computing and Applications</i> , 2010 , 4, 191-201	1.6	43
106	Reduction rules for reset/inhibitor nets. <i>Journal of Computer and System Sciences</i> , 2010 , 76, 125-143	1	24
105	Dynamic and Context-Aware Process Adaptation 2010 , 104-136		6
104	Process Mining and Simulation 2010 , 437-457		4
103	Appendix A The Order Fulfillment Process Model 2010 , 599-616		2
102	A Behavioral Similarity Measure between Labeled Petri Nets Based on Principal Transition Sequences. <i>Lecture Notes in Computer Science</i> , 2010 , 394-401	0.9	24
101	Efficient and Accurate Retrieval of Business Process Models through Indexing. <i>Lecture Notes in Computer Science</i> , 2010 , 402-409	0.9	25
100	From business process models to process-oriented software systems. <i>ACM Transactions on Software Engineering and Methodology</i> , 2009 , 19, 1-37	3.3	126
99	SYNCHRONIZATION AND CANCELATION IN WORKFLOWS BASED ON RESET NETS. <i>International Journal of Cooperative Information Systems</i> , 2009 , 18, 63-114	0.6	5
98	Business process verification [finally a reality!]. <i>Business Process Management Journal</i> , 2009 , 15, 74-92	3.6	78
97	Dimensions of coupling in middleware. <i>Concurrency Computation Practice and Experience</i> , 2009 , 21, 2233-2269	1.2	6
96	Questionnaire-based variability modeling for system configuration. <i>Software and Systems Modeling</i> , 2009 , 8, 251-274	1.9	101
95	Surmounting BPM challenges: the YAWL story. <i>Computer Science - Research and Development</i> , 2009 , 23, 67-79		9

94	Workflow simulation for operational decision support. <i>Data and Knowledge Engineering</i> , 2009 , 68, 834-850	5.0	103
93	Reduction rules for YAWL workflows with cancellation regions and OR-joins. <i>Information and Software Technology</i> , 2009 , 51, 1010-1020	3.4	22
92	Patterns-based evaluation of open source BPM systems: The cases of jBPM, OpenWFE, and Enhydra Shark. <i>Information and Software Technology</i> , 2009 , 51, 1187-1216	3.4	29
91	Soundness-preserving reduction rules for reset workflow nets. <i>Information Sciences</i> , 2009 , 179, 769-790	7.7	20
90	newYAWL: Towards Workflow 2.0. <i>Lecture Notes in Computer Science</i> , 2009 , 79-97	0.9	7
89	Flexibility as a Service. <i>Lecture Notes in Computer Science</i> , 2009 , 319-333	0.9	34
88	Modelling Flexible Processes with Business Objects 2009 ,		22
87	Modeling Business Process Variability for Design-Time Configuration 2009 , 204-228		25
86	Designing a Workflow System Using Coloured Petri Nets. <i>Lecture Notes in Computer Science</i> , 2009 , 1-24	0.9	8
85	Soundness of Workflow Nets with Reset Arcs. <i>Lecture Notes in Computer Science</i> , 2009 , 50-70	0.9	4
84	Yet Another Workflow Language 2009 , 92-121		1
83	Toward Web-Scale Workflows for Film Production. <i>IEEE Internet Computing</i> , 2008 , 12, 53-61	2.4	12
82	Bridging Global and Local Models of Service-Oriented Systems. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2008 , 38, 302-318		15
81	Generating Business Process Models from Object Behavior Models. <i>Information Systems Management</i> , 2008 , 25, 319-331	3.1	13
80	Pattern-Based Translation of BPMN Process Models to BPEL Web Services. <i>International Journal of Web Services Research</i> , 2008 , 5, 42-62	0.8	78
79	Open Source Workflow: A Viable Direction for BPM?. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2008 , 583-586	0.3	2
78	Transforming Object-Oriented Models to Process-Oriented Models. <i>Lecture Notes in Computer Science</i> , 2008 , 132-143	0.9	28
77	Business Process Simulation for Operational Decision Support. <i>Lecture Notes in Computer Science</i> , 2008 , 66-77	0.9	27

76	Correctness-Preserving Configuration of Business Process Models. <i>Lecture Notes in Computer Science</i> , 2008 , 46-61	0.9	30
75	Workflow Simulation for Operational Decision Support Using Design, Historic and State Information. <i>Lecture Notes in Computer Science</i> , 2008 , 196-211	0.9	34
74	Beyond Control-Flow: Extending Business Process Configuration to Roles and Objects. <i>Lecture Notes in Computer Science</i> , 2008 , 199-215	0.9	48
73	Dynamic, Extensible and Context-Aware Exception Handling for Workflows. <i>Lecture Notes in Computer Science</i> , 2007 , 95-112	0.9	60
72	Formal semantics and analysis of control flow in WS-BPEL. <i>Science of Computer Programming</i> , 2007 , 67, 162-198	1.1	183
71	Specification and execution of composite trading activities. <i>Electronic Commerce Research</i> , 2007 , 7, 221-263		3
70	Guided interaction: A mechanism to enable ad hoc service interaction. <i>Information Systems Frontiers</i> , 2007 , 9, 29-51	4	6
69	Verifying Workflows with Cancellation Regions and OR-joins: An Approach Based on Relaxed Soundness and Invariants. <i>Computer Journal</i> , 2007 , 50, 294-314	1.3	45
68	Communication Abstractions for Distributed Business Processes. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2007 , 409-423	0.3	5
67	Questionnaire-driven Configuration of Reference Process Models. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2007 , 424-438	0.3	40
66	From BPMN Process Models to BPEL Web Services 2006 ,		75
65	Service Interaction Modeling: Bridging Global and Local Views. <i>2006 10th IEEE International Enterprise Distributed Object Computing Conference (EDOC'06)</i> , 2006 ,		34
64	Worklets: A Service-Oriented Implementation of Dynamic Flexibility in Workflows. <i>Lecture Notes in Computer Science</i> , 2006 , 291-308	0.9	126
63	Workflow Exception Patterns. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2006 , 288-302	0.3	104
62	Guided Interaction: A Language and Method for Incremental Revelation of Software Interfaces for Ad Hoc Interaction. <i>Lecture Notes in Computer Science</i> , 2006 , 3-17	0.9	1
61	Translating Standard Process Models to BPEL. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2006 , 417-432	0.3	34
60	Workflow Resource Patterns: Identification, Representation and Tool Support. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2005 , 216-232	0.3	167
59	WofBPEL: A Tool for Automated Analysis of BPEL Processes. <i>Lecture Notes in Computer Science</i> , 2005 , 484-489	0.9	40

58	Transactional Business Processes 2005 , 257-278		2
57	Patterns of Process Modeling 2005 , 179-203		16
56	Process Modeling using Event-Driven Process Chains 2005 , 119-145		118
55	Orchestrating interrelated trading activities. <i>International Journal of Business Process Integration and Management</i> , 2005 , 1, 12	0.8	2
54	YAWL: yet another workflow language. <i>Information Systems</i> , 2005 , 30, 245-275	2.7	822
53	Probabilistic Automated Bidding in Multiple Auctions. <i>Electronic Commerce Research</i> , 2005 , 5, 25-49	2.1	18
52	Pattern-Based Analysis of the Control-Flow Perspective of UML Activity Diagrams. <i>Lecture Notes in Computer Science</i> , 2005 , 63-78	0.9	21
51	The Price of Services. <i>Lecture Notes in Computer Science</i> , 2005 , 564-569	0.9	6
50	Workflow Data Patterns: Identification, Representation and Tool Support. <i>Lecture Notes in Computer Science</i> , 2005 , 353-368	0.9	94
49	On the Notion of Coupling in Communication Middleware. <i>Lecture Notes in Computer Science</i> , 2005 , 1015-1033	0.6	6
48	Design and Implementation of the YAWL System. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2004 , 142-159	0.3	72
47	A model for the configurable composition and synchronization of complex trading activities 2003 ,		3
46	Analysis of Web Services Composition Languages: The Case of BPEL4WS. <i>Lecture Notes in Computer Science</i> , 2003 , 200-215	0.9	96
45	Extending Conceptual Models for Web Based Applications. <i>Lecture Notes in Computer Science</i> , 2003 , 216-231	0.3	3
44	Workflow Patterns. <i>Distributed and Parallel Databases</i> , 2003 , 14, 5-51	0.9	1527
43	Fundamentals of control flow in workflows. <i>Acta Informatica</i> , 2003 , 39, 143-209	0.9	118
42	Business Process Management: A Survey. <i>Lecture Notes in Computer Science</i> , 2003 , 1-12	0.9	434
41	Business Process Management. <i>Lecture Notes in Computer Science</i> , 2003 ,	0.9	59

40	Capabilities: Describing What Services Can Do. <i>Lecture Notes in Computer Science</i> , 2003 , 1-16	0.9	17
39	Web service composition languages: old wine in New bottles? 2003 ,		23
38	Towards a Semantic Framework for Service Description. <i>IFIP Advances in Information and Communication Technology</i> , 2003 , 277-291	0.5	6
37	A formal approach to negotiating agents development. <i>Electronic Commerce Research and Applications</i> , 2002 , 1, 193-207	4.6	31
36	What's in a Service?. <i>Distributed and Parallel Databases</i> , 2002 , 12, 117-133	0.9	196
35	A probabilistic approach to automated bidding in alternative auctions 2002 ,		8
34	Requirements for medical modeling languages. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2001 , 8, 146-62	8.6	8
33	Progress with formalization in medical informatics?. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2001 , 8, 126-30	8.6	2
32	BELIEF REVISION FOR ADAPTIVE INFORMATION FILTERING AGENTS. <i>International Journal of Cooperative Information Systems</i> , 2001 , 10, 57-79	0.6	5
31	A formal approach to protocols and strategies for (legal) negotiation 2001 ,		19
30	UML Activity Diagrams as a Workflow Specification Language. <i>Lecture Notes in Computer Science</i> , 2001 , 76-90	0.9	113
29	Maxi-Adjustment and Possibilistic Deduction for Adaptive Information Agents. <i>Journal of Applied Non-Classical Logics</i> , 2001 , 11, 169-201	0.5	3
28	Verification Of Workflow Task Structures: A Petri-net-baset Approach. <i>Information Systems</i> , 2000 , 25, 43-69	2.7	161
27	A reflective infrastructure for workflow adaptability. <i>Data and Knowledge Engineering</i> , 2000 , 34, 271-304	1.5	17
26	Formal description of disease courses. <i>Artificial Intelligence in Medicine</i> , 2000 , 18, 29-55	7.4	2
25	On the Complexity of Some Verification Problems in Process Control Specifications. <i>Computer Journal</i> , 1999 , 42, 349-359	1.3	7
24	Formal description of temporal knowledge in case reports. <i>Artificial Intelligence in Medicine</i> , 1999 , 16, 251-82	7.4	6
23	A Study of Belief Revision in the Context of Adaptive Information Filtering. <i>Lecture Notes in Computer Science</i> , 1999 , 1-10	0.9	3

22	Achieving workflow adaptability by means of reflection. <i>ACM SIGGROUP Bulletin</i> , 1999 , 20, 10-10		2
21	Verification problems in conceptual workflow specifications. <i>Data and Knowledge Engineering</i> , 1998 , 24, 239-256	1.5	51
20	How to formalize it?: Formalization principles for information system development methods. <i>Information and Software Technology</i> , 1998 , 40, 519-540	3.4	29
19	Formalization of communication and behaviour in object-oriented analysis. <i>Data and Knowledge Engineering</i> , 1997 , 23, 147-183	1.5	5
18	Applications of a categorical framework for conceptual data modeling. <i>Acta Informatica</i> , 1997 , 34, 927-963		10
17	Exploiting fact verbalisation in conceptual information modelling. <i>Information Systems</i> , 1997 , 22, 349-385	7	9
16	On the feasibility of situational method engineering. <i>Information Systems</i> , 1997 , 22, 401-422	2.7	81
15	A unifying framework for conceptual data modelling concepts. <i>Information and Software Technology</i> , 1997 , 39, 15-25	3.4	5
14	Query Formulation as an Information Retrieval Problem. <i>Computer Journal</i> , 1996 , 39, 255-274	1.3	34
13	Conceptual Data Modelling from a Categorical Perspective. <i>Computer Journal</i> , 1996 , 39, 215-231	1.3	15
12	A category theory approach to conceptual data modeling. <i>RAIRO - Theoretical Informatics and Applications</i> , 1996 , 30, 31-79	0.5	12
11	Expressiveness in conceptual data modelling. <i>Data and Knowledge Engineering</i> , 1993 , 10, 65-100	1.5	56
10	Formal definition of a conceptual language for the description and manipulation of information models. <i>Information Systems</i> , 1993 , 18, 489-523	2.7	109
9	Task structure semantics through process algebra. <i>Software Engineering Journal</i> , 1993 , 8, 14		23
8	Uniquet: Determining the Semantics of Complex Uniqueness Constraints. <i>Computer Journal</i> , 1992 , 35, 148-156	1.3	11
7	Formalization of techniques: chopping down the methodology jungle. <i>Information and Software Technology</i> , 1992 , 34, 57-65	3.4	21
6	Semantics and verification of object-role models. <i>Information Systems</i> , 1991 , 16, 471-495	2.7	48
5	Specification of composite trading activities in supply chain management		1

4	Property propagation rules for prioritizing and synchronizing trading activities	3
3	Belief revision and possibilistic logic for adaptive information filtering agents	1
2	Specifying complex process control aspects in workflows for exception handling	1
1	Root-cause analysis of process-data quality problems. <i>Journal of Business Analytics</i> ,1-25	0.5 1