

Marlon Dumas

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.

275
papers

11,608
citations

46
h-index

103
g-index

289
ext. papers

13,491
ext. citations

1.6
avg, IF

6.66
L-index

#	Paper	IF	Citations
275	Prescriptive Process Monitoring Under Resource Constraints: A Causal Inference Approach. <i>Lecture Notes in Business Information Processing</i> , 2022 , 180-193	0.6	3
274	Applying the CRISP-DM data mining process in the financial services industry: Elicitation of adaptation requirements. <i>Data and Knowledge Engineering</i> , 2022 , 102013	1.5	2
273	Fire now, fire later: alarm-based systems for prescriptive process monitoring. <i>Knowledge and Information Systems</i> , 2022 , 64, 559-587	2.4	4
272	Data-Driven Analysis of Batch Processing Inefficiencies in Business Processes. <i>Lecture Notes in Business Information Processing</i> , 2022 , 231-247	0.6	
271	Learning Accurate Business Process Simulation Models from Event Logs via Automated Process Discovery and Deep Learning. <i>Lecture Notes in Computer Science</i> , 2022 , 55-71	0.9	2
270	Robotic Process Mining. <i>Lecture Notes in Business Information Processing</i> , 2022 , 468-491	0.6	1
269	Encoding resource experience for predictive process monitoring. <i>Decision Support Systems</i> , 2021 , 113669	3.6	1
268	Prescriptive Process Monitoring for Cost-Aware Cycle Time Reduction 2021 ,		5
267	Opportunities and Challenges for Process Mining in Organizations: Results of a Delphi Study. <i>Business and Information Systems Engineering</i> , 2021 , 63, 511-527	3.8	12
266	Discovering data transfer routines from user interaction logs. <i>Information Systems</i> , 2021 , 101916	2.7	3
265	Discovering generative models from event logs: data-driven simulation vs deep learning. <i>PeerJ Computer Science</i> , 2021 , 7, e577	2.7	2
264	Robotic Process Mining: Vision and Challenges. <i>Business and Information Systems Engineering</i> , 2021 , 63, 301-314	3.8	35
263	Business process variant analysis: Survey and classification. <i>Knowledge-Based Systems</i> , 2021 , 211, 106557	7.3	16
262	Prozessorientierte Informationssysteme 2021 , 399-432		
261	Fortgeschrittene Prozessmodellierung 2021 , 135-181		
260	Automated Discovery of Process Models with True Concurrency and Inclusive Choices. <i>Lecture Notes in Business Information Processing</i> , 2021 , 43-56	0.6	
259	BPM als Unternehmensfähigkeit 2021 , 553-585		

258 Quantitative Prozessanalyse **2021**, 299-346

257 Prozesserhebung **2021**, 183-247

256 Einführung in das Geschäftsprozessmanagement **2021**, 1-38

1

255 Prozessimplementierung mit ausführbaren Modellen **2021**, 433-480

254 Prozessidentifikation **2021**, 39-83

253 Adapting the CRISP-DM Data Mining Process: A Case Study in the Financial Services Domain. *Lecture Notes in Business Information Processing*, **2021**, 55-71

0.6

252 Optimization framework for DFG-based automated process discovery approaches. *Software and Systems Modeling*, **2021**, 20, 1245-1270

1.9

251 Silhouetting the Cost-Time Front: Multi-objective Resource Optimization in Business Processes. *Lecture Notes in Business Information Processing*, **2021**, 92-108

0.6

0

250 Prozessüberwachung **2021**, 481-551

249 Prozessverbesserung **2021**, 347-397

248 Qualitative Prozessanalyse **2021**, 249-297

247 Grundlagen der Geschäftsprozessmodellierung **2021**, 85-133

246 Measuring Fitness and Precision of Automatically Discovered Process Models: A Principled and Scalable Approach. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1

4.2

8

245 Scalable alignment of process models and event logs: An approach based on automata and S-components. *Information Systems*, **2020**, 94, 101561

2.7

6

244 Automated discovery of business process simulation models from event logs. *Decision Support Systems*, **2020**, 134, 113284

5.6

30

243 Process Mining Meets Causal Machine Learning: Discovering Causal Rules from Event Logs **2020**,

14

242 Identifying Candidate Routines for Robotic Process Automation from Unsegmented UI Logs **2020**,

13

241 Verification of Privacy-Enhanced Collaborations **2020**,

2

240	Discovering Business Process Simulation Models in the Presence of Multitasking. <i>Lecture Notes in Business Information Processing</i> , 2020 , 381-397	0.6	1
239	Adaptations of data mining methodologies: a systematic literature review. <i>PeerJ Computer Science</i> , 2020 , 6, e267	2.7	7
238	Automated discovery of declarative process models with correlated data conditions. <i>Information Systems</i> , 2020 , 89, 101482	2.7	13
237	Controlled flexibility in blockchain-based collaborative business processes. <i>Information Systems</i> , 2020 , 104, 101622	2.7	9
236	Structuring Business Process Management 2019 , 203-211		1
235	Blockchain Support for Collaborative Business Processes. <i>Informatik-Spektrum</i> , 2019 , 42, 182-190	0.3	28
234	Stage-based discovery of business process models from event logs. <i>Information Systems</i> , 2019 , 84, 214-237		6
233	Dynamic Role Binding in Blockchain-Based Collaborative Business Processes. <i>Lecture Notes in Computer Science</i> , 2019 , 399-414	0.9	17
232	Caterpillar: A business process execution engine on the Ethereum blockchain. <i>Software - Practice and Experience</i> , 2019 , 49, 1162	2.5	41
231	Semantic DMN: Formalizing and Reasoning About Decisions in the Presence of Background Knowledge. <i>Theory and Practice of Logic Programming</i> , 2019 , 19, 536-573	0.8	5
230	Local Concurrency Detection in Business Process Event Logs. <i>ACM Transactions on Internet Technology</i> , 2019 , 19, 1-23	3.8	5
229	Business Process Privacy Analysis in Pleak. <i>Lecture Notes in Computer Science</i> , 2019 , 306-312	0.9	3
228	Outcome-Oriented Predictive Process Monitoring. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2019 , 13, 1-57	4	88
227	Predicting process performance: A white-box approach based on process models. <i>Journal of Software: Evolution and Process</i> , 2019 , 31, e2170	1	10
226	Automated Discovery of Process Models from Event Logs: Review and Benchmark. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019 , 31, 686-705	4.2	128
225	Split miner: automated discovery of accurate and simple business process models from event logs. <i>Knowledge and Information Systems</i> , 2019 , 59, 251-284	2.4	58
224	Survey and Cross-benchmark Comparison of Remaining Time Prediction Methods in Business Process Monitoring. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2019 , 10, 1-34	8	48
223	Business Process Privacy Analysis in Pleak. <i>Informatik-Spektrum</i> , 2019 , 42, 354-355	0.3	1

222	Disclosure Analysis of SQL Workflows. <i>Lecture Notes in Computer Science</i> , 2019 , 51-70	0.9	1
221	Metaheuristic Optimization for Automated Business Process Discovery. <i>Lecture Notes in Computer Science</i> , 2019 , 268-285	0.9	3
220	Learning Accurate LSTM Models of Business Processes. <i>Lecture Notes in Computer Science</i> , 2019 , 286-302	0.9	58
219	Discovering Automatable Routines from User Interaction Logs. <i>Lecture Notes in Business Information Processing</i> , 2019 , 144-162	0.6	15
218	Interpreted Execution of Business Process Models on Blockchain 2019 ,		16
217	Clustering-Based Predictive Process Monitoring. <i>IEEE Transactions on Services Computing</i> , 2019 , 12, 896-909	1.0	46
216	Blockchains for Business Process Management - Challenges and Opportunities. <i>ACM Transactions on Management Information Systems</i> , 2018 , 9, 1-16	2	246
215	Genetic algorithms for hyperparameter optimization in predictive business process monitoring. <i>Information Systems</i> , 2018 , 74, 67-83	2.7	33
214	Automated discovery of structured process models from event logs: The discover-and-structure approach. <i>Data and Knowledge Engineering</i> , 2018 , 117, 373-392	1.5	24
213	Semantics, Analysis and Simplification of DMN Decision Tables. <i>Information Systems</i> , 2018 , 78, 112-125	2.7	28
212	Process Monitoring 2018 , 413-473		1
211	Process Identification 2018 , 35-73		
210	Essential Process Modeling 2018 , 75-115		
209	Process Discovery 2018 , 159-212		1
208	Quantitative Process Analysis 2018 , 255-296		
207	Complete and Interpretable Conformance Checking of Business Processes. <i>IEEE Transactions on Software Engineering</i> , 2018 , 44, 262-290	3.5	35
206	Discovering process maps from event streams 2018 ,		12
205	A Petri Nets based Generic Genetic Algorithm framework for resource optimization in business processes. <i>Simulation Modelling Practice and Theory</i> , 2018 , 86, 72-101	3.9	10

204	Business Process Analytics: From Insights to Predictions. <i>Communications in Computer and Information Science</i> , 2018 , 15-20	0.3	
203	Fundamentals of Business Process Management 2018 ,		326
202	Business Process Event Logs and Visualization 2018 , 1-12		
201	Abstract-and-Compare: A Family of Scalable Precision Measures for Automated Process Discovery. <i>Lecture Notes in Computer Science</i> , 2018 , 158-175	0.9	9
200	Alarm-Based Prescriptive Process Monitoring. <i>Lecture Notes in Business Information Processing</i> , 2018 , 91-107	0.6	14
199	Correlating Activation and Target Conditions in Data-Aware Declarative Process Discovery. <i>Lecture Notes in Computer Science</i> , 2018 , 176-193	0.9	8
198	Multi-perspective Comparison of Business Process Variants Based on Event Logs. <i>Lecture Notes in Computer Science</i> , 2018 , 449-459	0.9	7
197	Temporal stability in predictive process monitoring. <i>Data Mining and Knowledge Discovery</i> , 2018 , 32, 1306-1338	1.7	1338
196	Predictive Process Monitoring in Apromore. <i>Lecture Notes in Business Information Processing</i> , 2018 , 244-258		4
195	Business Process Variability Modeling. <i>ACM Computing Surveys</i> , 2017 , 50, 1-45	13.4	71
194	Optimized Execution of Business Processes on Blockchain. <i>Lecture Notes in Computer Science</i> , 2017 , 130-146	1.9	81
193	White-box prediction of process performance indicators via flow analysis 2017 ,		10
192	Detecting Sudden and Gradual Drifts in Business Processes from Execution Traces. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2017 , 29, 2140-2154	4.2	35
191	Structure and Evolution of Package Dependency Networks 2017 ,		45
190	2017 ,		31
189	Discovering Causal Factors Explaining Business Process Performance Variation. <i>Lecture Notes in Computer Science</i> , 2017 , 177-192	0.9	21
188	Predictive Business Process Monitoring with LSTM Neural Networks. <i>Lecture Notes in Computer Science</i> , 2017 , 477-492	0.9	167
187	Mining Business Process Stages from Event Logs. <i>Lecture Notes in Computer Science</i> , 2017 , 577-594	0.9	6

186	Semantic DMN: Formalizing Decision Models with Domain Knowledge. <i>Lecture Notes in Computer Science</i> , 2017 , 70-86	0.9	6
185	Scalable Conformance Checking of Business Processes. <i>Lecture Notes in Computer Science</i> , 2017 , 607-627.	0.9	17
184	Interactive and Incremental Business Process Model Repair. <i>Lecture Notes in Computer Science</i> , 2017 , 53-74	0.9	22
183	BPMN Miner: Automated discovery of BPMN process models with hierarchical structure. <i>Information Systems</i> , 2016 , 56, 284-303	2.7	46
182	Homophilic network decomposition: a community-centric analysis of online social services. <i>Social Network Analysis and Mining</i> , 2016 , 6, 1	2.2	5
181	Modeling Software Processes Using BPMN: When and When Not? 2016 , 165-183		2
180	Predictive Business Process Monitoring Framework with Hyperparameter Optimization. <i>Lecture Notes in Computer Science</i> , 2016 , 361-376	0.9	28
179	Predictive Business Process Monitoring with Structured and Unstructured Data. <i>Lecture Notes in Computer Science</i> , 2016 , 401-417	0.9	37
178	On the expressive power of behavioral profiles. <i>Formal Aspects of Computing</i> , 2016 , 28, 597-613	1.2	20
177	Diagnosing behavioral differences between business process models: An approach based on event structures. <i>Information Systems</i> , 2016 , 56, 304-325	2.7	21
176	Criteria and Heuristics for Business Process Model Decomposition. <i>Business and Information Systems Engineering</i> , 2016 , 58, 7-17	3.8	10
175	Modelling families of business process variants: A decomposition driven method. <i>Information Systems</i> , 2016 , 56, 55-72	2.7	26
174	Minimizing Overprocessing Waste in Business Processes via Predictive Activity Ordering. <i>Lecture Notes in Computer Science</i> , 2016 , 186-202	0.9	9
173	Complex Symbolic Sequence Clustering and Multiple Classifiers for Predictive Process Monitoring. <i>Lecture Notes in Business Information Processing</i> , 2016 , 218-229	0.6	20
172	Differential Privacy Analysis of Data Processing Workflows. <i>Lecture Notes in Computer Science</i> , 2016 , 62-79	0.9	4
171	Automated Discovery of Structured Process Models: Discover Structured vs. Discover and Structure. <i>Lecture Notes in Computer Science</i> , 2016 , 313-329	0.9	19
170	On the Suitability of Generalized Behavioral Profiles for Process Model Comparison. <i>Lecture Notes in Computer Science</i> , 2016 , 13-28	0.9	
169	Browserbite: cross-browser testing via image processing. <i>Software - Practice and Experience</i> , 2016 , 46, 1459-1477	2.5	6

168	Business Process Performance Mining with Staged Process Flows. <i>Lecture Notes in Computer Science</i> , 2016 , 167-185	0.9	12
167	Using dynamic and contextual features to predict issue lifetime in GitHub projects 2016 ,		24
166	Semantics and Analysis of DMN Decision Tables. <i>Lecture Notes in Computer Science</i> , 2016 , 217-233	0.9	19
165	Declarative Process Modeling in BPMN. <i>Lecture Notes in Computer Science</i> , 2015 , 84-100	0.9	29
164	Artifact Lifecycle Discovery. <i>International Journal of Cooperative Information Systems</i> , 2015 , 24, 1550001	0.6	38
163	Fast and Accurate Business Process Drift Detection. <i>Lecture Notes in Computer Science</i> , 2015 , 406-422	0.9	36
162	Community-Based Prediction of Activity Change in Skype 2015 ,		1
161	Community-centric analysis of user engagement in Skype social network 2015 ,		9
160	Issue Dynamics in Github Projects. <i>Lecture Notes in Computer Science</i> , 2015 , 295-310	0.9	5
159	From Business Process Models to Service Interfaces 2015 , 557-578		0
158	Detecting approximate clones in business process model repositories. <i>Information Systems</i> , 2015 , 49, 102-125	2.7	23
157	Enabling Process Innovation via Deviance Mining and Predictive Monitoring. <i>Management for Professionals</i> , 2015 , 145-154	0.4	6
156	Process Mining Reloaded: Event Structures as a Unified Representation of Process Models and Event Logs. <i>Lecture Notes in Computer Science</i> , 2015 , 33-48	0.9	16
155	Complex Symbolic Sequence Encodings for Predictive Monitoring of Business Processes. <i>Lecture Notes in Computer Science</i> , 2015 , 297-313	0.9	67
154	Log Delta Analysis: Interpretable Differencing of Business Process Event Logs. <i>Lecture Notes in Computer Science</i> , 2015 , 386-405	0.9	30
153	The Rise of the Estonian Start-Up Sphere. <i>IT Professional</i> , 2014 , 16, 8-11	1.9	3
152	Heuristics for composite Web service decentralization. <i>Software and Systems Modeling</i> , 2014 , 13, 599-619	0.9	14
151	Controlled automated discovery of collections of business process models. <i>Information Systems</i> , 2014 , 46, 85-101	2.7	19

150	Report: The Process Model Matching Contest 2013. <i>Lecture Notes in Business Information Processing</i> , 2014 , 442-463	0.6	29
149	Business Process Management Workshops. <i>Lecture Notes in Business Information Processing</i> , 2014 ,	0.6	4
148	Evaluation of trade-offs between workflow escalation strategies. <i>Concurrent Engineering Research and Applications</i> , 2014 , 22, 77-88	1.7	2
147	Cross-Browser Testing in Browserbite. <i>Lecture Notes in Computer Science</i> , 2014 , 503-506	0.9	2
146	Analyzing Web Services Networks: Theory and Practice 2014 , 381-406		1
145	Behavioral Comparison of Process Models Based on Canonically Reduced Event Structures. <i>Lecture Notes in Computer Science</i> , 2014 , 267-282	0.9	19
144	Predictive Monitoring of Business Processes. <i>Lecture Notes in Computer Science</i> , 2014 , 457-472	0.9	114
143	Beyond Tasks and Gateways: Discovering BPMN Models with Subprocesses, Boundary Events and Activity Markers. <i>Lecture Notes in Computer Science</i> , 2014 , 101-117	0.9	19
142	Mining Business Process Deviance: A Quest for Accuracy. <i>Lecture Notes in Computer Science</i> , 2014 , 436-445	0.9	29
141	Bursty egocentric network evolution in Skype. <i>Social Network Analysis and Mining</i> , 2013 , 3, 1393-1401	2.2	7
140	Business Process Model Merging. <i>ACM Transactions on Software Engineering and Methodology</i> , 2013 , 22, 1-42	3.3	95
139	Decomposition Driven Consolidation of Process Models. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2013 , 193-207	0.3	8
138	Reverse-engineering conference rankings: what does it take to make a reputable conference?. <i>Scientometrics</i> , 2013 , 96, 651-665	3	6
137	Fundamentals of Business Process Management 2013 ,		561
136	Fast detection of exact clones in business process model repositories. <i>Information Systems</i> , 2013 , 38, 619-633	2.7	38
135	Process Discovery 2013 , 155-184		2
134	Quantitative Process Analysis 2013 , 213-251		1
133	From Petri Nets to Guard-Stage-Milestone Models. <i>Lecture Notes in Business Information Processing</i> , 2013 , 340-351	0.6	5

132	Discovering Data-Aware Declarative Process Models from Event Logs. <i>Lecture Notes in Computer Science</i> , 2013 , 81-96	0.9	43
131	A Short Survey on Process Model Similarity 2013 , 421-427		16
130	Browserbite: Accurate Cross-Browser Testing via Machine Learning over Image Features 2013 ,		12
129	Discovering Branching Conditions from Business Process Execution Logs. <i>Lecture Notes in Computer Science</i> , 2013 , 114-129	0.9	24
128	Slice, Mine and Dice: Complexity-Aware Automated Discovery of Business Process Models. <i>Lecture Notes in Computer Science</i> , 2013 , 49-64	0.9	26
127	The Process Documentation Cube: A Model for Process Documentation Assessment. <i>Lecture Notes in Business Information Processing</i> , 2013 , 501-512	0.6	
126	Event Structures as a Foundation for Process Model Differencing, Part 1: Acyclic processes. <i>Lecture Notes in Computer Science</i> , 2013 , 69-86	0.9	2
125	Code churn estimation using organisational and code metrics: An experimental comparison. <i>Information and Software Technology</i> , 2012 , 54, 203-211	3.4	14
124	Management and engineering of process-aware information systems: Introduction to the special issue. <i>Information Systems</i> , 2012 , 37, 77-79	2.7	8
123	Structuring acyclic process models. <i>Information Systems</i> , 2012 , 37, 518-538	2.7	83
122	Generalized aggregate Quality of Service computation for composite services. <i>Journal of Systems and Software</i> , 2012 , 85, 1818-1830	3.3	23
121	Approximate Clone Detection in Repositories of Business Process Models. <i>Lecture Notes in Computer Science</i> , 2012 , 302-318	0.9	23
120	Predicting Coding Effort in Projects Containing XML 2012 ,		3
119	Framework for monitoring and testing web application scalability on the cloud 2012 ,		12
118	Squeezing Out the Cloud via Profit-Maximizing Resource Allocation Policies 2012 ,		8
117	Process Mining Manifesto. <i>Lecture Notes in Business Information Processing</i> , 2012 , 169-194	0.6	347
116	Consolidated Management of Business Process Variants. <i>Lecture Notes in Business Information Processing</i> , 2012 , 1-1	0.6	3
115	Identifying and Classifying Variations in Business Processes. <i>Lecture Notes in Business Information Processing</i> , 2012 , 136-150	0.6	8

114	Understanding Business Process Models: The Costs and Benefits of Structuredness. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2012 , 31-46	0.3	24
113	Evaluating Choreographies in BPMN 2.0 Using an Extended Quality Framework. <i>Lecture Notes in Business Information Processing</i> , 2011 , 103-117	0.6	13
112	APROMORE: An advanced process model repository. <i>Expert Systems With Applications</i> , 2011 , 38, 7029-7040	4.0	138
111	Predicting the maintainability of XSL transformations. <i>Science of Computer Programming</i> , 2011 , 76, 1161-1176	1.4	4
110	Reserved or On-Demand Instances? A Revenue Maximization Model for Cloud Providers 2011 ,		19
109	Configurable multi-perspective business process models. <i>Information Systems</i> , 2011 , 36, 313-340	2.7	127
108	Similarity of business process models: Metrics and evaluation. <i>Information Systems</i> , 2011 , 36, 498-516	2.7	372
107	Configurable SOAP proxy cache for data provisioning web services 2011 ,		1
106	Fast fully dynamic landmark-based estimation of shortest path distances in very large graphs 2011 ,		36
105	Achieving Performance and Availability Guarantees with Spot Instances 2011 ,		62
104	Clone Detection in Repositories of Business Process Models. <i>Lecture Notes in Computer Science</i> , 2011 , 248-264	0.9	25
103	On the Convergence of Data and Process Engineering. <i>Lecture Notes in Computer Science</i> , 2011 , 19-26	0.9	16
102	Designing Maintainable XML Transformations 2010 ,		1
101	Improving Web Service Survivability via Gracefully Degraded Substitution 2010 ,		1
100	Redundancy detection in service-oriented systems 2010 ,		2
99	Aggregate Quality of Service Computation for Composite Services. <i>Lecture Notes in Computer Science</i> , 2010 , 213-227	0.9	25
98	Merging Business Process Models. <i>Lecture Notes in Computer Science</i> , 2010 , 96-113	0.9	53
97	Towards a Formalization of Contracts for Service Substitution 2010 ,		4

96	Optimized decentralization of composite web services 2010 ,		11
95	Preserving correctness during business process model configuration. <i>Formal Aspects of Computing</i> , 2010 , 22, 459-482	1.2	78
94	A flexible, object-centric approach for business process modelling. <i>Service Oriented Computing and Applications</i> , 2010 , 4, 191-201	1.6	43
93	Service-Enabled Process Management 2010 , 441-460		5
92	The Business Process Modeling Notation 2010 , 347-368		5
91	Structuring Acyclic Process Models. <i>Lecture Notes in Computer Science</i> , 2010 , 276-293	0.9	42
90	Unraveling Unstructured Process Models. <i>Lecture Notes in Business Information Processing</i> , 2010 , 1-7	0.6	16
89	Managing Process Model Collections with AProMoRe. <i>Lecture Notes in Computer Science</i> , 2010 , 699-701	0.9	5
88	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
87	Dimensions of coupling in middleware. <i>Concurrency Computation Practice and Experience</i> , 2009 , 21, 2233-2269	6	6
86	Questionnaire-based variability modeling for system configuration. <i>Software and Systems Modeling</i> , 2009 , 8, 251-274	1.9	101
85	Graph Matching Algorithms for Business Process Model Similarity Search. <i>Lecture Notes in Computer Science</i> , 2009 , 48-63	0.9	169
84	Aligning Business Process Models 2009 ,		55
83	Modelling Flexible Processes with Business Objects 2009 ,		22
82	Cost-Effective Semantic Annotation of XML Schemas and Web Service Interfaces 2009 ,		14
81	Simulation-Based Evaluation of Workflow Escalation Strategies 2009 ,		4
80	Modeling Business Process Variability for Design-Time Configuration 2009 , 204-228		25
79	Detecting Behavioural Incompatibilities between Pairs of Services. <i>Lecture Notes in Computer Science</i> , 2009 , 79-90	0.9	

78	Toward Web-Scale Workflows for Film Production. <i>IEEE Internet Computing</i> , 2008 , 12, 53-61	2.4	12
77	The Service Adaptation Machine 2008 ,		12
76	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
75	Generating Business Process Models from Object Behavior Models. <i>Information Systems Management</i> , 2008 , 25, 319-331	3.1	13
74	Conformance checking of service behavior. <i>ACM Transactions on Internet Technology</i> , 2008 , 8, 1-30	3.8	62
73	Using CEP technology to adapt messages exchanged by web services 2008 ,		6
72	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
71	Semantics and analysis of business process models in BPMN. <i>Information and Software Technology</i> , 2008 , 50, 1281-1294	3.4	416
70	BESERIAL: Behavioural Service Interface Analyser. <i>Lecture Notes in Computer Science</i> , 2008 , 374-377	0.9	4
69	Transforming Object-Oriented Models to Process-Oriented Models. <i>Lecture Notes in Computer Science</i> , 2008 , 132-143	0.9	28
68	Linking Domain Models and Process Models for Reference Model Configuration. <i>Lecture Notes in Computer Science</i> , 2008 , 417-430	0.9	11
67	Business Process Simulation for Operational Decision Support. <i>Lecture Notes in Computer Science</i> , 2008 , 66-77	0.9	27
66	Correctness-Preserving Configuration of Business Process Models. <i>Lecture Notes in Computer Science</i> , 2008 , 46-61	0.9	30
65	Beyond Control-Flow: Extending Business Process Configuration to Roles and Objects. <i>Lecture Notes in Computer Science</i> , 2008 , 199-215	0.9	48
64	A process-based methodology for designing event-based mobile composite applications. <i>Data and Knowledge Engineering</i> , 2007 , 61, 6-22	1.5	11
63	Formal semantics and analysis of control flow in WS-BPEL. <i>Science of Computer Programming</i> , 2007 , 67, 162-198	1.1	183
62	Deadline-based escalation in process-aware information systems. <i>Decision Support Systems</i> , 2007 , 43, 492-511	5.6	109
61	Strategies in supply chain management for the Trading Agent Competition. <i>Electronic Commerce Research and Applications</i> , 2007 , 6, 369-382	4.6	4

60	Specification and execution of composite trading activities. <i>Electronic Commerce Research</i> , 2007 , 7, 221-263		3
59	Correlation Patterns in Service-Oriented Architectures 2007 , 245-259		44
58	Communication Abstractions for Distributed Business Processes. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2007 , 409-423	0.3	5
57	Questionnaire-driven Configuration of Reference Process Models. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2007 , 424-438	0.3	40
56	Semantics of Standard Process Models with OR-Joins 2007 , 41-58		19
55	Enforcing Policies and Guidelines in Web Portals: A Case Study 2007 , 154-165		4
54	The Rise of Web Service Ecosystems. <i>IT Professional</i> , 2006 , 8, 31-37	1.9	136
53	From BPMN Process Models to BPEL Web Services 2006 ,		75
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