

Marlon Dumas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6820550/publications.pdf>

Version: 2024-02-01

265
papers

16,197
citations

41339

49
h-index

27402

106
g-index

289
all docs

289
docs citations

289
times ranked

5612
citing authors

#	ARTICLE	IF	CITATIONS
1	QoS-aware middleware for Web services composition. IEEE Transactions on Software Engineering, 2004, 30, 311-327.	5.6	2,304
2	Quality driven web services composition. , 2003, , .		811
3	Fundamentals of Business Process Management. , 2013, , .		706
4	Fundamentals of Business Process Management. , 2018, , .		557
5	Process Mining Manifesto. Lecture Notes in Business Information Processing, 2012, , 169-194.	1.0	546
6	Semantics and analysis of business process models in BPMN. Information and Software Technology, 2008, 50, 1281-1294.	4.4	502
7	Similarity of business process models: Metrics and evaluation. Information Systems, 2011, 36, 498-516.	3.6	456
8	The Self-Serv environment for Web services composition. IEEE Internet Computing, 2003, 7, 40-48.	3.3	415
9	Blockchains for Business Process Management - Challenges and Opportunities. ACM Transactions on Management Information Systems, 2018, 9, 1-16.	2.8	404
10	Predictive Business Process Monitoring with LSTM Neural Networks. Lecture Notes in Computer Science, 2017, , 477-492.	1.3	249
11	Formal semantics and analysis of control flow in WS-BPEL. Science of Computer Programming, 2007, 67, 162-198.	1.9	247
12	Graph Matching Algorithms for Business Process Model Similarity Search. Lecture Notes in Computer Science, 2009, , 48-63.	1.3	242
13	Automated Discovery of Process Models from Event Logs: Review and Benchmark. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 686-705.	5.7	219
14	Service Interaction Patterns. Lecture Notes in Computer Science, 2005, , 302-318.	1.3	205
15	UML Activity Diagrams as a Workflow Specification Language. Lecture Notes in Computer Science, 2001, , 76-90.	1.3	183
16	Outcome-Oriented Predictive Process Monitoring. ACM Transactions on Knowledge Discovery From Data, 2019, 13, 1-57.	3.5	172
17	APROMORE: An advanced process model repository. Expert Systems With Applications, 2011, 38, 7029-7040.	7.6	171
18	The Rise of Web Service Ecosystems. IT Professional, 2006, 8, 31-37.	1.5	165

#	ARTICLE	IF	CITATIONS
19	From business process models to process-oriented software systems. ACM Transactions on Software Engineering and Methodology, 2009, 19, 1-37.	6.0	164
20	Predictive Monitoring of Business Processes. Lecture Notes in Computer Science, 2014, , 457-472.	1.3	163
21	Configurable multi-perspective business process models. Information Systems, 2011, 36, 313-340.	3.6	153
22	Analysis of Web Services Composition Languages: The Case of BPEL4WS. Lecture Notes in Computer Science, 2003, , 200-215.	1.3	150
23	SERVICE-ORIENTED DESIGN: A MULTI-VIEWPOINT APPROACH. International Journal of Cooperative Information Systems, 2004, 13, 337-368.	0.8	130
24	Deadline-based escalation in process-aware information systems. Decision Support Systems, 2007, 43, 492-511.	5.9	130
25	Business Process Model Merging. ACM Transactions on Software Engineering and Methodology, 2013, 22, 1-42.	6.0	129
26	Business Process Variability Modeling. ACM Computing Surveys, 2018, 50, 1-45.	23.0	118
27	From BPMN Process Models to BPEL Web Services. , 2006, , .		117
28	Split miner: automated discovery of accurate and simple business process models from event logs. Knowledge and Information Systems, 2019, 59, 251-284.	3.2	114
29	Design and Implementation of the YAWL System. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2004, , 142-159.	0.3	112
30	Questionnaire-based variability modeling for system configuration. Software and Systems Modeling, 2009, 8, 251-274.	2.7	111
31	Pattern-Based Translation of BPMN Process Models to BPEL Web Services. International Journal of Web Services Research, 2008, 5, 42-62.	0.8	107
32	Facilitating the Rapid Development and Scalable Orchestration of Composite Web Services. Distributed and Parallel Databases, 2005, 17, 5-37.	1.6	106
33	Optimized Execution of Business Processes on Blockchain. Lecture Notes in Computer Science, 2017, , 130-146.	1.3	100
34	Caterpillar: A business process execution engine on the Ethereum blockchain. Software - Practice and Experience, 2019, 49, 1162-1193.	3.6	98
35	Structuring acyclic process models. Information Systems, 2012, 37, 518-538.	3.6	96
36	Preserving correctness during business process model configuration. Formal Aspects of Computing, 2010, 22, 459-482.	1.8	94

#	ARTICLE	IF	CITATIONS
37	Letâ€™s Dance: A Language for Service Behavior Modeling. Lecture Notes in Computer Science, 2006, , 145-162.	1.3	94
38	Self-serv. , 2002, , 1051-1054.		94
39	Complex Symbolic Sequence Encodings for Predictive Monitoring of Business Processes. Lecture Notes in Computer Science, 2015, , 297-313.	1.3	92
40	Structure and Evolution of Package Dependency Networks. , 2017, , .		90
41	Survey and Cross-benchmark Comparison of Remaining Time Prediction Methods in Business Process Monitoring. ACM Transactions on Intelligent Systems and Technology, 2019, 10, 1-34.	4.5	89
42	Learning Accurate LSTM Models of Business Processes. Lecture Notes in Computer Science, 2019, , 286-302.	1.3	88
43	Conformance checking of service behavior. ACM Transactions on Internet Technology, 2008, 8, 1-30.	4.4	81
44	Clustering-Based Predictive Process Monitoring. IEEE Transactions on Services Computing, 2019, 12, 896-909.	4.6	78
45	Aligning Business Process Models. , 2009, , .		71
46	Achieving Performance and Availability Guarantees with Spot Instances. , 2011, , .		69
47	Automated discovery of business process simulation models from event logs. Decision Support Systems, 2020, 134, 113284.	5.9	67
48	Detecting Sudden and Gradual Drifts in Business Processes from Execution Traces. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 2140-2154.	5.7	63
49	WofBPEL: A Tool for Automated Analysis of BPEL Processes. Lecture Notes in Computer Science, 2005, , 484-489.	1.3	62
50	BPMN Miner: Automated discovery of BPMN process models with hierarchical structure. Information Systems, 2016, 56, 284-303.	3.6	62
51	Beyond Control-Flow: Extending Business Process Configuration to Roles and Objects. Lecture Notes in Computer Science, 2008, , 199-215.	1.3	60
52	Robotic Process Mining: Vision and Challenges. Business and Information Systems Engineering, 2021, 63, 301-314.	6.1	59
53	Predictive Business Process Monitoring with Structured and Unstructured Data. Lecture Notes in Computer Science, 2016, , 401-417.	1.3	58
54	Merging Business Process Models. Lecture Notes in Computer Science, 2010, , 96-113.	1.3	57

#	ARTICLE	IF	CITATIONS
55	Genetic algorithms for hyperparameter optimization in predictive business process monitoring. Information Systems, 2018, 74, 67-83.	3.6	57
56	Service Interaction Modeling: Bridging Global and Local Views. 2006 10th IEEE International Enterprise Distributed Object Computing Conference (EDOC'06), 2006, , .	0.0	55
57	Discovering Data-Aware Declarative Process Models from Event Logs. Lecture Notes in Computer Science, 2013, , 81-96.	1.3	55
58	Blockchain Support for Collaborative Business Processes. Informatik-Spektrum, 2019, 42, 182-190.	1.3	53
59	Correlation Patterns in Service-Oriented Architectures. , 2007, , 245-259.		52
60	Split Miner: Discovering Accurate and Simple Business Process Models from Event Logs. , 2017, , .		51
61	Artifact Lifecycle Discovery. International Journal of Cooperative Information Systems, 2015, 24, 1550001.	0.8	50
62	Fast and Accurate Business Process Drift Detection. Lecture Notes in Computer Science, 2015, , 406-422.	1.3	50
63	A flexible, object-centric approach for business process modelling. Service Oriented Computing and Applications, 2010, 4, 191-201.	1.6	49
64	Translating Standard Process Models to BPEL. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2006, , 417-432.	0.3	49
65	Structuring Acyclic Process Models. Lecture Notes in Computer Science, 2010, , 276-293.	1.3	49
66	Fast fully dynamic landmark-based estimation of shortest path distances in very large graphs. , 2011, , .		47
67	Complete and Interpretable Conformance Checking of Business Processes. IEEE Transactions on Software Engineering, 2018, 44, 262-290.	5.6	46
68	Web service composition languages: old wine in New bottles?. , 2003, , .		45
69	Fast detection of exact clones in business process model repositories. Information Systems, 2013, 38, 619-633.	3.6	44
70	Standards for Web Service Choreography and Orchestration: Status and Perspectives. Lecture Notes in Computer Science, 2006, , 61-74.	1.3	43
71	Using dynamic and contextual features to predict issue lifetime in GitHub projects. , 2016, , .		41
72	A formal approach to negotiating agents development. Electronic Commerce Research and Applications, 2002, 1, 193-207.	5.0	39

#	ARTICLE	IF	CITATIONS
73	Business process variant analysis: Survey and classification. Knowledge-Based Systems, 2021, 211, 106557.	7.1	39
74	Correctness-Preserving Configuration of Business Process Models. Lecture Notes in Computer Science, 2008, , 46-61.	1.3	39
75	Automated discovery of structured process models from event logs: The discover-and-structure approach. Data and Knowledge Engineering, 2018, 117, 373-392.	3.4	37
76	Declarative Process Modeling in BPMN. Lecture Notes in Computer Science, 2015, , 84-100.	1.3	36
77	Modelling families of business process variants: A decomposition driven method. Information Systems, 2016, 56, 55-72.	3.6	36
78	Aggregate Quality of Service Computation for Composite Services. Lecture Notes in Computer Science, 2010, , 213-227.	1.3	35
79	Report: The Process Model Matching Contest 2013. Lecture Notes in Business Information Processing, 2014, , 442-463.	1.0	35
80	Predictive Business Process Monitoring Framework with Hyperparameter Optimization. Lecture Notes in Computer Science, 2016, , 361-376.	1.3	35
81	Semantics, Analysis and Simplification of DMN Decision Tables. Information Systems, 2018, 78, 112-125.	3.6	35
82	Interactive and Incremental Business Process Model Repair. Lecture Notes in Computer Science, 2017, , 53-74.	1.3	35
83	Business Process Simulation for Operational Decision Support. Lecture Notes in Computer Science, 2008, , 66-77.	1.3	35
84	Discovering Branching Conditions from Business Process Execution Logs. Lecture Notes in Computer Science, 2013, , 114-129.	1.3	35
85	Mining Business Process Deviance: A Quest for Accuracy. Lecture Notes in Computer Science, 2014, , 436-445.	1.3	35
86	Log Delta Analysis: Interpretable Differencing of Business Process Event Logs. Lecture Notes in Computer Science, 2015, , 386-405.	1.3	34
87	Temporal stability in predictive process monitoring. Data Mining and Knowledge Discovery, 2018, 32, 1306-1338.	3.7	32
88	Transforming Object-Oriented Models to Process-Oriented Models. Lecture Notes in Computer Science, 2008, , 132-143.	1.3	32
89	Adaptations of data mining methodologies: a systematic literature review. PeerJ Computer Science, 2020, 6, e267.	4.5	32
90	Opportunities and Challenges for Process Mining in Organizations: Results of a Delphi Study. Business and Information Systems Engineering, 2021, 63, 511-527.	6.1	32

#	ARTICLE	IF	CITATIONS
91	A formal approach to protocols and strategies for (legal) negotiation. , 2001, , .		31
92	Interpreted Execution of Business Process Models on Blockchain. , 2019, , .		31
93	Towards a Semantic Framework for Service Description. IFIP Advances in Information and Communication Technology, 2003, , 277-291.	0.7	31
94	Modeling Business Process Variability for Design-Time Configuration. , 2009, , 204-228.		31
95	Pattern-Based Analysis of the Control-Flow Perspective of UML Activity Diagrams. Lecture Notes in Computer Science, 2005, , 63-78.	1.3	30
96	Automated Discovery of Structured Process Models: Discover Structured vs. Discover and Structure. Lecture Notes in Computer Science, 2016, , 313-329.	1.3	30
97	Discovering Causal Factors Explaining Business Process Performance Variation. Lecture Notes in Computer Science, 2017, , 177-192.	1.3	30
98	Process Mining Meets Causal Machine Learning: Discovering Causal Rules from Event Logs. , 2020, , .		30
99	Controlled flexibility in blockchain-based collaborative business processes. Information Systems, 2020, 104, 101622.	3.6	29
100	Clone Detection in Repositories of Business Process Models. Lecture Notes in Computer Science, 2011, , 248-264.	1.3	29
101	Dynamic Role Binding in Blockchain-Based Collaborative Business Processes. Lecture Notes in Computer Science, 2019, , 399-414.	1.3	28
102	Detecting approximate clones in business process model repositories. Information Systems, 2015, 49, 102-125.	3.6	27
103	Complex Symbolic Sequence Clustering and Multiple Classifiers for Predictive Process Monitoring. Lecture Notes in Business Information Processing, 2016, , 218-229.	1.0	27
104	Understanding Business Process Models: The Costs and Benefits of Structuredness. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2012, , 31-46.	0.3	27
105	Approximate Clone Detection in Repositories of Business Process Models. Lecture Notes in Computer Science, 2012, , 302-318.	1.3	26
106	Enabling Personalized Composition and Adaptive Provisioning of Web Services. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2004, , 322-337.	0.3	26
107	Slice, Mine and Dice: Complexity-Aware Automated Discovery of Business Process Models. Lecture Notes in Computer Science, 2013, , 49-64.	1.3	26
108	Probabilistic Automated Bidding in Multiple Auctions. Electronic Commerce Research, 2005, 5, 25-49.	5.0	25

#	ARTICLE	IF	CITATIONS
109	Generalized aggregate Quality of Service computation for composite services. Journal of Systems and Software, 2012, 85, 1818-1830.	4.5	25
110	On the expressive power of behavioral profiles. Formal Aspects of Computing, 2016, 28, 597-613.	1.8	25
111	Diagnosing behavioral differences between business process models: An approach based on event structures. Information Systems, 2016, 56, 304-325.	3.6	25
112	Semantics of Standard Process Models with OR-Joins. , 2007, , 41-58.		25
113	Modelling Flexible Processes with Business Objects. , 2009, , .		24
114	Reserved or On-Demand Instances? A Revenue Maximization Model for Cloud Providers. , 2011, , .		24
115	Behavioral Comparison of Process Models Based on Canonically Reduced Event Structures. Lecture Notes in Computer Science, 2014, , 267-282.	1.3	24
116	Controlled automated discovery of collections of business process models. Information Systems, 2014, 46, 85-101.	3.6	24
117	Beyond Tasks and Gateways: Discovering BPMN Models with Subprocesses, Boundary Events and Activity Markers. Lecture Notes in Computer Science, 2014, , 101-117.	1.3	24
118	Enabling Process Innovation via Deviance Mining and Predictive Monitoring. Management for Professionals, 2015, , 145-154.	0.5	24
119	Scalable Conformance Checking of Business Processes. Lecture Notes in Computer Science, 2017, , 607-627.	1.3	24
120	Semantics and Analysis of DMN Decision Tables. Lecture Notes in Computer Science, 2016, , 217-233.	1.3	23
121	A Petri Nets based Generic Genetic Algorithm framework for resource optimization in business processes. Simulation Modelling Practice and Theory, 2018, 86, 72-101.	3.8	23
122	Bridging Global and Local Models of Service-Oriented Systems. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2008, 38, 302-318.	2.9	21
123	Process Mining Reloaded: Event Structures as a Unified Representation of Process Models and Event Logs. Lecture Notes in Computer Science, 2015, , 33-48.	1.3	21
124	Fire now, fire later: alarm-based systems for prescriptive process monitoring. Knowledge and Information Systems, 2022, 64, 559-587.	3.2	21
125	Patterns of Process Modeling. , 2005, , 179-203.		20
126	Cost-Effective Semantic Annotation of XML Schemas and Web Service Interfaces. , 2009, , .		20

#	ARTICLE	IF	CITATIONS
127	Discovering Automatable Routines from User Interaction Logs. Lecture Notes in Business Information Processing, 2019, , 144-162.	1.0	20
128	Unraveling Unstructured Process Models. Lecture Notes in Business Information Processing, 2010, , 1-7.	1.0	20
129	Identifying Candidate Routines for Robotic Process Automation from Unsegmented UI Logs. , 2020, , .		20
130	A Short Survey on Process Model Similarity. , 2013, , 421-427.		19
131	Peer-to-Peer Traced Execution of Composite Services. Lecture Notes in Computer Science, 2001, , 103-117.	1.3	19
132	Code churn estimation using organisational and code metrics: An experimental comparison. Information and Software Technology, 2012, 54, 203-211.	4.4	18
133	Predicting process performance: A whiteâ€œbox approach based on process models. Journal of Software: Evolution and Process, 2019, 31, e2170.	1.6	17
134	A configurable matchmaking framework for electronic marketplaces. Electronic Commerce Research and Applications, 2004, 3, 95-106.	5.0	16
135	Toward Web-Scale Workflows for Film Production. IEEE Internet Computing, 2008, 12, 53-61.	3.3	16
136	Generating Business Process Models from Object Behavior Models. Information Systems Management, 2008, 25, 319-331.	5.7	16
137	Browserbite: Accurate Cross-Browser Testing via Machine Learning over Image Features. , 2013, , .		16
138	Heuristics for composite Web service decentralization. Software and Systems Modeling, 2014, 13, 599-619.	2.7	16
139	Multi-perspective Comparison of Business Process Variants Based on Event Logs. Lecture Notes in Computer Science, 2018, , 449-459.	1.3	16
140	Discovering process maps from event streams. , 2018, , .		16
141	Minimizing Overprocessing Waste in Business Processes via Predictive Activity Ordering. Lecture Notes in Computer Science, 2016, , 186-202.	1.3	16
142	Alarm-Based Prescriptive Process Monitoring. Lecture Notes in Business Information Processing, 2018, , 91-107.	1.0	16
143	A probabilistic approach to automated bidding in alternative auctions. , 2002, , .		15
144	Framework for monitoring and testing web application scalability on the cloud. , 2012, , .		15

#	ARTICLE	IF	CITATIONS
145	White-box prediction of process performance indicators via flow analysis. , 2017, , .		15
146	Automated discovery of declarative process models with correlated data conditions. Information Systems, 2020, 89, 101482.	3.6	15
147	Prescriptive Process Monitoring for Cost-Aware Cycle Time Reduction. , 2021, , .		15
148	A process-based methodology for designing event-based mobile composite applications. Data and Knowledge Engineering, 2007, 61, 6-22.	3.4	14
149	The Service Adaptation Machine. , 2008, , .		14
150	Optimized decentralization of composite web services. , 2010, , .		14
151	Bursty egocentric network evolution in Skype. Social Network Analysis and Mining, 2013, 3, 1393-1401.	2.8	14
152	Criteria and Heuristics for Business Process Model Decomposition. Business and Information Systems Engineering, 2016, 58, 7-17.	6.1	14
153	Encoding resource experience for predictive process monitoring. Decision Support Systems, 2022, 153, 113669.	5.9	14
154	On the Notion of Coupling in Communication Middleware. Lecture Notes in Computer Science, 2005, , 1015-1033.	1.3	13
155	Linking Domain Models and Process Models for Reference Model Configuration. Lecture Notes in Computer Science, 2008, , 417-430.	1.3	13
156	Browserbite: cross-browser testing via image processing. Software - Practice and Experience, 2016, 46, 1459-1477.	3.6	12
157	Stage-based discovery of business process models from event logs. Information Systems, 2019, 84, 214-237.	3.6	12
158	Event-Based Coordination of Process-Oriented Composite Applications. Lecture Notes in Computer Science, 2005, , 236-251.	1.3	12
159	Scalable alignment of process models and event logs: An approach based on automata and S-components. Information Systems, 2020, 94, 101561.	3.6	11
160	Abstract-and-Compare: A Family of Scalable Precision Measures for Automated Process Discovery. Lecture Notes in Computer Science, 2018, , 158-175.	1.3	11
161	The Business Process Modeling Notation. , 2010, , 347-368.		11
162	Squeezing Out the Cloud via Profit-Maximizing Resource Allocation Policies. , 2012, , .		10

#	ARTICLE	IF	CITATIONS
163	Community-centric analysis of user engagement in Skype social network. , 2015, , .		10
164	Issue Dynamics in Github Projects. Lecture Notes in Computer Science, 2015, , 295-310.	1.3	10
165	Correlating Activation and Target Conditions in Data-Aware Declarative Process Discovery. Lecture Notes in Computer Science, 2018, , 176-193.	1.3	10
166	Measuring Fitness and Precision of Automatically Discovered Process Models: A Principled and Scalable Approach. IEEE Transactions on Knowledge and Data Engineering, 2020, , 1-1.	5.7	10
167	Process-Oriented Assessment of Web Services. International Journal of E-Business Research, 2006, 2, 19-44.	1.0	10
168	Strategies in supply chain management for the Trading Agent Competition. Electronic Commerce Research and Applications, 2007, 6, 369-382.	5.0	9
169	Local Concurrency Detection in Business Process Event Logs. ACM Transactions on Internet Technology, 2019, 19, 1-23.	4.4	9
170	Discovering generative models from event logs: data-driven simulation vs deep learning. PeerJ Computer Science, 2021, 7, e577.	4.5	9
171	Middleware support for mobile applications. International Journal of Pervasive Computing and Communications, 2005, 1, 75-88.	1.3	8
172	Management and engineering of process-aware information systems: Introduction to the special issue. Information Systems, 2012, 37, 77-79.	3.6	8
173	Decomposition Driven Consolidation of Process Models. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2013, , 193-207.	0.3	8
174	Reverse-engineering conference rankings: what does it take to make a reputable conference?. Scientometrics, 2013, 96, 651-665.	3.0	8
175	From Petri Nets to Guard-Stage-Milestone Models. Lecture Notes in Business Information Processing, 2013, , 340-351.	1.0	8
176	Semantic DMN: Formalizing Decision Models with Domain Knowledge. Lecture Notes in Computer Science, 2017, , 70-86.	1.3	8
177	Identifying and Classifying Variations in Business Processes. Lecture Notes in Business Information Processing, 2012, , 136-150.	1.0	8
178	Applying the CRISP-DM data mining process in the financial services industry: Elicitation of adaptation requirements. Data and Knowledge Engineering, 2022, 139, 102013.	3.4	8
179	Grundlagen des Geschäftsprozessmanagements. , 2021, , .		7
180	Collecting and Querying Distributed Traces of Composite Service Executions. Lecture Notes in Computer Science, 2002, , 373-390.	1.3	7

#	ARTICLE	IF	CITATIONS
181	Prescriptive Process Monitoring Under Resource Constraints: A Causal Inference Approach. Lecture Notes in Business Information Processing, 2022, , 180-193.	1.0	7
182	TEMPOS: a platform for developing temporal applications on top of object DBMS. IEEE Transactions on Knowledge and Data Engineering, 2004, 16, 357-377.	5.7	6
183	Using CEP technology to adapt messages exchanged by web services. , 2008, , .		6
184	Dimensions of coupling in middleware. Concurrency Computation Practice and Experience, 2009, 21, 2233-2269.	2.2	6
185	The Rise of the Estonian Start-Up Sphere. IT Professional, 2014, 16, 8-11.	1.5	6
186	Business Process Management Workshops. Lecture Notes in Business Information Processing, 2014, , .	1.0	6
187	Homophilic network decomposition: a community-centric analysis of online social services. Social Network Analysis and Mining, 2016, 6, 1.	2.8	6
188	Communication Abstractions for Distributed Business Processes. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2007, , 409-423.	0.3	6
189	Discovering data transfer routines from user interaction logs. Information Systems, 2022, 107, 101916.	3.6	6
190	Learning Accurate Business Process Simulation Models from Event Logs via Automated Process Discovery and Deep Learning. Lecture Notes in Computer Science, 2022, , 55-71.	1.3	6
191	The 3DMA Middleware for Mobile Applications. Lecture Notes in Computer Science, 2004, , 312-323.	1.3	5
192	Specification and execution of composite trading activities. Electronic Commerce Research, 2007, 7, 221-263.	5.0	5
193	Simulation-Based Evaluation of Workflow Escalation Strategies. , 2009, , .		5
194	Towards a Formalization of Contracts for Service Substitution. , 2010, , .		5
195	Modeling Software Processes Using BPMN: When and When Not?. , 2016, , 165-183.		5
196	Semantic DMN: Formalizing and Reasoning About Decisions in the Presence of Background Knowledge. Theory and Practice of Logic Programming, 2019, 19, 536-573.	1.5	5
197	Silhouetting the Cost-Time Front: Multi-objective Resource Optimization in Business Processes. Lecture Notes in Business Information Processing, 2021, , 92-108.	1.0	5
198	Metaheuristic Optimization for Automated Business Process Discovery. Lecture Notes in Computer Science, 2019, , 268-285.	1.3	5

#	ARTICLE	IF	CITATIONS
199	Enforcing Policies and Guidelines in Web Portals: A Case Study. , 2007, , 154-165.		5
200	Service-Enabled Process Management. , 2010, , 441-460.		5
201	Managing Process Model Collections with AProMoRe. Lecture Notes in Computer Science, 2010, , 699-701.	1.3	5
202	A model for the configurable composition and synchronization of complex trading activities. , 2003, , .		4
203	Redundancy detection in service-oriented systems. , 2010, , .		4
204	Predicting the maintainability of XSL transformations. Science of Computer Programming, 2011, 76, 1161-1176.	1.9	4
205	Predictive Process Monitoring in Apromore. Lecture Notes in Business Information Processing, 2018, , 244-253.	1.0	4
206	Business Process Privacy Analysis in Pleak. Lecture Notes in Computer Science, 2019, , 306-312.	1.3	4
207	Adapting the CRISP-DM Data Mining Process: A Case Study in the Financial Services Domain. Lecture Notes in Business Information Processing, 2021, , 55-71.	1.0	4
208	Differential Privacy Analysis of Data Processing Workflows. Lecture Notes in Computer Science, 2016, , 62-79.	1.3	4
209	Business Process Graphs. Advances in Data Mining and Database Management Book Series, 0, , 421-437.	0.5	4
210	Semantic Issues in E-Commerce Systems. IFIP Advances in Information and Communication Technology, 2003, , .	0.7	3
211	Scaling Dynamic Web Content Provision Using Elapsed-Time-Based Content Degradation. Lecture Notes in Computer Science, 2004, , 559-571.	1.3	3
212	Designing Maintainable XML Transformations. , 2010, , .		3
213	Configurable SOAP proxy cache for data provisioning web services. , 2011, , .		3
214	Predicting Coding Effort in Projects Containing XML. , 2012, , .		3
215	Discovering Business Process Simulation Models in the Presence of Multitasking. Lecture Notes in Business Information Processing, 2020, , 381-397.	1.0	3
216	Data-Driven Analysis of Batch Processing Inefficiencies in Business Processes. Lecture Notes in Business Information Processing, 2022, , 231-247.	1.0	3

#	ARTICLE	IF	CITATIONS
217	A Sequence-Based Object-Oriented Model for Video Databases. Multimedia Tools and Applications, 2002, 18, 249-277.	3.9	2
218	Orchestrating interrelated trading activities. International Journal of Business Process Integration and Management, 2005, 1, 12.	0.0	2
219	Process Discovery. , 2013, , 155-184.		2
220	Evaluation of trade-offs between workflow escalation strategies. Concurrent Engineering Research and Applications, 2014, 22, 77-88.	3.2	2
221	Community-Based Prediction of Activity Change in Skype. , 2015, , .		2
222	Optimization framework for DFG-based automated process discovery approaches. Software and Systems Modeling, 2021, 20, 1245-1270.	2.7	2
223	Verification of Privacy-Enhanced Collaborations. , 2020, , .		2
224	Pointwise Temporal Object Database Browsing. Lecture Notes in Computer Science, 2001, , 170-184.	1.3	2
225	Programming and Compiling Web Services in GPLS. Lecture Notes in Computer Science, 2005, , 508-513.	1.3	2
226	Event Structures as a Foundation for Process Model Differencing, Part 1: Acyclic processes. Lecture Notes in Computer Science, 2013, , 69-86.	1.3	2
227	Robotic Process Mining. Lecture Notes in Business Information Processing, 2022, , 468-491.	1.0	2
228	Experience Using a Coordination-Based Architecture for Adaptive Web Content Provision. Lecture Notes in Computer Science, 2005, , 140-156.	1.3	1
229	Specification of Composite Trading Activities in Supply Chain Management. , 0, , .		1
230	Improving Web Service Survivability via Gracefully Degraded Substitution. , 2010, , .		1
231	Quantitative Process Analysis. , 2013, , 213-251.		1
232	Analyzing Web Services Networks: Theory and Practice. , 2014, , 381-406.		1
233	Guest editorial: special issue on data and artifact-centric business processes. Computing (Vienna/New) Tj ETQq1 1 0.784314 1gBT /Over 4.8	4.8	1
234	Process Monitoring. , 2018, , 413-473.		1

#	ARTICLE	IF	CITATIONS
235	Process Discovery. , 2018, , 159-212.		1
236	Business Process Privacy Analysis in Pleak. Informatik-Spektrum, 2019, 42, 354-355.	1.3	1
237	Structuring Business Process Management. , 2019, , 203-211.		1
238	Automated Discovery of Process Models with True Concurrency and Inclusive Choices. Lecture Notes in Business Information Processing, 2021, , 43-56.	1.0	1
239	Einführung in das Geschäftsprozessmanagement. , 2021, , 1-38.		1
240	Disclosure Analysis of SQL Workflows. Lecture Notes in Computer Science, 2019, , 51-70.	1.3	1
241	Varying Resource Consumption to Achieve Scalable Web Services. Lecture Notes in Computer Science, 2003, , 179-190.	1.3	1
242	Detecting Behavioural Incompatibilities between Pairs of Services. Lecture Notes in Computer Science, 2009, , 79-90.	1.3	1
243	Business Process Modeling. , 2018, , 374-382.		1
244	Designing a data mining process for the financial services domain. Journal of Business Analytics, 2023, 6, 140-166.	2.7	1
245	Guest editorial: Business process management. Data and Knowledge Engineering, 2009, 68, 775-776.	3.4	0
246	Towards an assessment model for balancing process model production and use. , 2014, , .		0
247	Combining Propensity and Influence Models for Product Adoption Prediction. , 2015, , .		0
248	Essential Process Modeling. , 2018, , 75-115.		0
249	Quantitative Process Analysis. , 2018, , 255-296.		0
250	Business Process Analytics: From Insights to Predictions. Communications in Computer and Information Science, 2018, , 15-20.	0.5	0
251	Prozessorientierte. , 2021, , 399-432.		0
252	Fortgeschrittene Prozessmodellierung. , 2021, , 135-181.		0

#	ARTICLE	IF	CITATIONS
253	BPM als Unternehmensfähigkeit. , 2021, , 553-585.		0
254	Quantitative Prozessanalyse. , 2021, , 299-346.		0
255	Prozesserhebung. , 2021, , 183-247.		0
256	Prozessidentifikation. , 2021, , 39-83.		0
257	Multi-level privacy analysis of business processes: the Pleak toolset. International Journal on Software Tools for Technology Transfer, 0, , 1.	1.9	0
258	Prozessüberwachung. , 2021, , 481-551.		0
259	PhDOOS 2000: The 10th Ph.D. Workshop on Object-Oriented Systems. Lecture Notes in Computer Science, 2000, , 78-92.	1.3	0
260	The Process Documentation Cube: A Model for Process Documentation Assessment. Lecture Notes in Business Information Processing, 2013, , 501-512.	1.0	0
261	NordiCloud 2013. , 2013, , .		0
262	On the Suitability of Generalized Behavioral Profiles for Process Model Comparison. Lecture Notes in Computer Science, 2016, , 13-28.	1.3	0
263	Business Process Modeling. , 2017, , 1-8.		0
264	Business Process Event Logs and Visualization. , 2019, , 398-409.		0
265	Process-Oriented Assessment of Web Services. , 0, , 269-293.		0