Wil M P Van Der Aalst

List of Publications by Year
in descending order

674	44,881	2538 96	4323 173
papers	citations	h-index	g-index

723	723	723	8287
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aligning observed and modelled behaviour by maximizing synchronous moves and using milestones. Information Systems, 2022, 103, 101456.	2.4	7
2	Process mining for healthcare: Characteristics and challenges. Journal of Biomedical Informatics, 2022, 127, 103994.	2.5	91
3	May I Take Your Order?. Lecture Notes in Business Information Processing, 2022, , 99-110.	0.8	7
4	Utilizing domain knowledge in data-driven process discovery: A literature review. Computers in Industry, 2022, 137, 103612.	5.7	20
5	Remaining Time Prediction for Processes with Inter-case Dynamics. Lecture Notes in Business Information Processing, 2022, , 140-153.	0.8	6
6	Towards a Natural Language Conversational Interface for Process Mining. Lecture Notes in Business Information Processing, 2022, , 268-280.	0.8	3
7	Analyzing Medical Data withÂProcess Mining: A COVID-19 Case Study. Lecture Notes in Business Information Processing, 2022, , 39-44.	0.8	3
8	Analyzing Multi-level BOM-Structured Event Data. Lecture Notes in Business Information Processing, 2022, , 47-59.	0.8	5
9	Trustworthy Artificial Intelligence andÂProcess Mining: Challenges andÂOpportunities. Lecture Notes in Business Information Processing, 2022, , 395-407.	0.8	3
10	Probability Estimation ofÂUncertain Process Trace Realizations. Lecture Notes in Business Information Processing, 2022, , 21-33.	0.8	3
11	An Event Data Extraction Approach from SAP ERP for Process Mining. Lecture Notes in Business Information Processing, 2022, , 255-267.	0.8	5
12	Visualizing Trace Variants fromÂPartially Ordered Event Data. Lecture Notes in Business Information Processing, 2022, , 34-46.	0.8	2
13	Corporate Digital Responsibility. Business and Information Systems Engineering, 2022, 64, 127-132.	4.0	20
14	OrdinoR: A framework for discovering, evaluating, and analyzing organizational models using event logs. Decision Support Systems, 2022, 158, 113771.	3.5	8
15	European leadership in process management. Communications of the ACM, 2022, 65, 80-83.	3.3	0
16	A Computer Science Perspective on Digital Transformation in Production. ACM Transactions on Internet of Things, 2022, 3, 1-32.	3.4	68
17	Analyzing Process-Aware Information System Updates Using Digital Twins of Organizations. Lecture Notes in Business Information Processing, 2022, , 159-176.	0.8	2
18	Hybrid Business Process Simulation: Updating Detailed Process Simulation Models Using High-Level Simulations. Lecture Notes in Business Information Processing, 2022, , 177-194.	0.8	3

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19	How Can Interactive Process Discovery Address Data Quality Issues in Real Business Settings? Evidence from a Case Study in Healthcare. Journal of Biomedical Informatics, 2022, 130, 104083.	2.5	10
20	PROMISE: Coupling predictive process mining to process discovery. Information Sciences, 2022, 606, 250-271.	4.0	4
21	Uncertain Case Identifiers inÂProcess Mining: A User Study ofÂtheÂEvent-Case Correlation Problem onÂClick Data. Lecture Notes in Business Information Processing, 2022, , 173-187.	0.8	2
22	Discovering Process Models with Long-Term Dependencies While Providing Guarantees and Handling Infrequent Behavior. Lecture Notes in Computer Science, 2022, , 303-324.	1.0	1
23	OC$$pi $$: Object-Centric Process Insights. Lecture Notes in Computer Science, 2022, , 139-150.	1.0	7
24	Process Mining: A 360 Degree Overview. Lecture Notes in Business Information Processing, 2022, , 3-34.	0.8	26
25	Foundations ofÂProcess Discovery. Lecture Notes in Business Information Processing, 2022, , 37-75.	0.8	13
26	Declarative Process Specifications: Reasoning, Discovery, Monitoring. Lecture Notes in Business Information Processing, 2022, , 108-152.	0.8	9
27	Scaling Process Mining toÂTurn Insights intoÂActions. Lecture Notes in Business Information Processing, 2022, , 495-502.	0.8	3
28	Seven Paradoxes of Business Process Management in a Hyper-Connected World. Business and Information Systems Engineering, 2021, 63, 145-156.	4.0	27
29	Special issue on business process intelligence. Computing (Vienna/New York), 2021, 103, 1-2.	3.2	12
30	Automated model analysis tools and techniques presented at FASE 2019. International Journal on Software Tools for Technology Transfer, 2021, 23, 285-287.	1.7	0
31	A Novel Token-Based Replay Technique to Speed Up Conformance Checking and Process Enhancement. Lecture Notes in Computer Science, 2021, , 1-26.	1.0	8
32	Stage-Based Process Performance Analysis. Lecture Notes in Computer Science, 2021, , 349-364.	1.0	1
33	Reduction Using Induced Subnets to Systematically Prove Properties for Free-Choice Nets. Lecture Notes in Computer Science, 2021, , 208-229.	1.0	4
34	Cortadoâ€"An Interactive Tool for Data-Driven Process Discovery and Modeling. Lecture Notes in Computer Science, 2021, , 465-475.	1.0	8
35	A Framework for Explainable Concept Drift Detection in Process Mining. Lecture Notes in Computer Science, 2021, , 400-416.	1.0	14
36	Towards Quantifying Privacy in Process Mining. Lecture Notes in Business Information Processing, 2021, , 385-397.	0.8	12

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37	Concurrency and Objects Matter! Disentangling the Fabric of Real Operational Processes to Create Digital Twins. Lecture Notes in Computer Science, 2021, , 3-17.	1.0	8
38	Data-Driven Process Performance Measurement and Prediction: A Process-Tree-Based Approach. Lecture Notes in Business Information Processing, 2021, , 73-81.	0.8	1
39	Case Level Counterfactual Reasoning in Process Mining. Lecture Notes in Business Information Processing, 2021, , 55-63.	0.8	10
40	PROVED: A Tool for Graph Representation and Analysis of Uncertain Event Data. Lecture Notes in Computer Science, 2021, , 476-486.	1.0	2
41	SIMPT: Process Improvement Using Interactive Simulation of Time-Aware Process Trees. Lecture Notes in Business Information Processing, 2021, , 588-594.	0.8	6
42	The impact of biased sampling of event logs on the performance of process discovery. Computing (Vienna/New York), 2021, 103, 1085-1104.	3.2	10
43	Expl(AI)n It to Me â€“ Explainable AI and Information Systems Research. Business and Information Systems Engineering, 2021, 63, 79-82.	4.0	22
44	Welcome to Economies in IS!. Business and Information Systems Engineering, 2021, 63, 325-328.	4.0	1
45	Group-based privacy preservation techniques for process mining. Data and Knowledge Engineering, 2021, 134, 101908.	2.1	26
46	Free-choice Nets with Home Clusters are Lucent. Fundamenta Informaticae, 2021, 181, 273-302.	0.3	4
47	Resilient Digital Twins. Business and Information Systems Engineering, 2021, 63, 615-619.	4.0	13
48	Stochastic process mining: Earth moversâ€™ stochastic conformance. Information Systems, 2021, 102, 101724.	2.4	38
49	Conformance checking over uncertain event data. Information Systems, 2021, 102, 101810.	2.4	21
50	Removing Operational Friction Using Process Mining: Challenges Provided byÂthe Internet of Production (IoP). Communications in Computer and Information Science, 2021, , 1-31.	0.4	11
51	Privacy-Preserving Continuous Event Data Publishing. Lecture Notes in Business Information Processing, 2021, , 178-194.	0.8	3
52	OCEL: A Standard for Object-Centric Event Logs. Communications in Computer and Information Science, 2021, , 169-175.	0.4	30
53	Extracting Process Features from Event Logs to Learn Coarse-Grained Simulation Models. Lecture Notes in Computer Science, 2021, , 125-140.	1.0	9
54	Process Mining on Blockchain Data: A Case Study of Augur. Lecture Notes in Computer Science, 2021, , 306-323.	1.0	6

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55	Accurate Predictions, Invalid Recommendations: Lessons Learned at the Dutch Social Security Institute UWV. , 2021, , 165-178.		1
56	Freezing Sub-models During Incremental Process Discovery. Lecture Notes in Computer Science, 2021, , 14-24.	1.0	2
57	An Activity Instance Based Hierarchical Framework for Event Abstraction. , 2021, , .		3
58	Precision and Fitness in Object-Centric Process Mining. , 2021, , .		14
59	Opportunities and Challenges for Process Mining in Organizations: Results of a Delphi Study. Business and Information Systems Engineering, 2021, 63, 511-527.	4.0	32
60	Realizing A Digital Twin of An Organization Using Action-oriented Process Mining. , 2021, , .		15
61	Federated Process Mining: Exploiting Event Data Across Organizational Boundaries. , 2021, , .		10
62	Process Prediction with Digital Twins. , 2021, , .		23
63	Scalable Discovery of Hybrid Process Models in a Cloud Computing Environment. IEEE Transactions on Services Computing, 2020, 13, 368-380.	3.2	25
64	Case notion discovery and recommendation: automated event log building on databases. Knowledge and Information Systems, 2020, 62, 2539-2575.	2.1	18
65	Discovering Object-centric Petri Nets. Fundamenta Informaticae, 2020, 175, 1-40.	0.3	48
66	Efficient Time and Space Representation of Uncertain Event Data. Algorithms, 2020, 13, 285.	1.2	9
67	Citizen Science in Information Systems Research. Business and Information Systems Engineering, 2020, 62, 273-277.	4.0	10
68	Impact of COVID-19 on BISE Research and Education. Business and Information Systems Engineering, 2020, 62, 463-466.	4.0	10
69	Conformance Checking Approximation Using Simulation. , 2020, , .		8
70	Time-aware Concept Drift Detection Using the Earth Moverâ€™s Distance. , 2020, , .		13
71	Privacy-Preserving Process Mining in Healthcare. International Journal of Environmental Research and Public Health, 2020, 17, 1612.	1.2	53
72	Research in the Attention Economy. Business and Information Systems Engineering, 2020, 62, 83-85.	4.0	4

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73	Supporting Decisions in Production Line Processes by Combining Process Mining and System Dynamics. Advances in Intelligent Systems and Computing, 2020, , 461-467.	0.5	12
74	Academic View: Development of the Process Mining Discipline. , 2020, , 181-196.		14
75	Extracting Multiple Viewpoint Models from Relational Databases. Lecture Notes in Business Information Processing, 2020, , 24-51.	0.8	13
76	Supporting Confidentiality in Process Mining Using Abstraction and Encryption. Lecture Notes in Business Information Processing, 2020, , 101-123.	0.8	11
77	TLKC-Privacy Model for Process Mining. Lecture Notes in Business Information Processing, 2020, , 398-416.	0.8	13
78	Incremental Discovery of Hierarchical Process Models. Lecture Notes in Business Information Processing, 2020, , 417-433.	0.8	13
79	Visualizing Token Flows Using Interactive Performance Spectra. Lecture Notes in Computer Science, 2020, , 369-380.	1.0	5
80	Supporting Automatic System Dynamics Model Generation for Simulation in the Context of Process Mining. Lecture Notes in Business Information Processing, 2020, , 249-263.	0.8	19
81	Privacy-Preserving Data Publishing in Process Mining. Lecture Notes in Business Information Processing, 2020, , 122-138.	0.8	14
82	Semi-automated Time-Granularity Detection for Data-Driven Simulation Using Process Mining and System Dynamics. Lecture Notes in Computer Science, 2020, , 77-91.	1.0	11
83	Root Cause Analysis in Process Mining Using Structural Equation Models. Lecture Notes in Business Information Processing, 2020, , 155-167.	0.8	17
84	A General Framework for Action-Oriented Process Mining. Lecture Notes in Business Information Processing, 2020, , 206-218.	0.8	8
85	Data-based description of process performance in end-to-end order processing. CIRP Annals - Manufacturing Technology, 2020, 69, 381-384.	1.7	13
86	Events Put into Context (EPiC). , 2020, , .		7
87	Resource-centric process mining. , 2020, , .		7
88	The Data Science Revolution. IFIP Advances in Information and Communication Technology, 2020, , 5-19.	0.5	1
89	Prototype Selection Using Clustering and Conformance Metrics for Process Discovery. Lecture Notes in Business Information Processing, 2020, , 281-294.	0.8	5
90	Improving the State-Space Traversal of the eST-Miner by Exploiting Underlying Log Structures. Lecture Notes in Business Information Processing, 2020, , 334-347.	0.8	0

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91	Efficient Construction of Behavior Graphs for Uncertain Event Data. Lecture Notes in Business Information Processing, 2020, , 76-88.	0.8	6
92	Detecting System-Level Behavior Leading To Dynamic Bottlenecks. , 2020, , .		10
93	Mining Uncertain Event Data in Process Mining. , 2019, , .		25
94	Predictive Performance Monitoring of Material Handling Systems Using the Performance Spectrum. , 2019, , .		8
95	Big Digital Platforms. Business and Information Systems Engineering, 2019, 61, 645-648.	4.0	38
96	Structuring Behavior or Not, That is the Question. , 2019, , 221-226.		0
97	Data-Driven Usability Test Scenario Creation. Lecture Notes in Computer Science, 2019, , 88-108.	1.0	3
98	Finding Complex Process-Structures by Exploiting the Token-Game. Lecture Notes in Computer Science, 2019, , 258-278.	1.0	10
99	Introducing Registered Reports to the Information Systems Community. Business and Information Systems Engineering, 2019, 61, 381-384.	4.0	2
100	Discovering Petri Nets: A Personal Journey. , 2019, , 3-9.		1
101	Object-centric behavioral constraint models. , 2019, , .		3
102	On the application of sequential pattern mining primitives to process discovery: Overview, outlook and opportunity identification. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2019, 9, e1315.	4.6	6
103	Generating time-based label refinements to discover more precise process models. Journal of Ambient Intelligence and Smart Environments, 2019, 11, 165-182.	0.8	11
104	Multi-instance Mining: Discovering Synchronisation in Artifact-Centric Processes. Lecture Notes in Business Information Processing, 2019, , 18-30.	0.8	4
105	Improving Merging Conditions for Recomposing Conformance Checking. Lecture Notes in Business Information Processing, 2019, , 31-43.	0.8	1
106	Guided Interaction Exploration and Performance Analysis in Artifact-Centric Process Models. Business and Information Systems Engineering, 2019, 61, 649-663.	4.0	11
107	Blind Spots in Business and Information Systems Engineering. Business and Information Systems Engineering, 2019, 61, 133-135.	4.0	8
108	Lucent Process Models and Translucent Event Logs. Fundamenta Informaticae, 2019, 169, 151-177.	0.3	3

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109	Discovering high-level BPMN process models from event data. Business Process Management Journal, 2019, 25, 995-1019.	2.4	13
110	Online conformance checking: relating event streams to process models using prefix-alignments. International Journal of Data Science and Analytics, 2019, 8, 269-284.	2.4	52
111	Connecting databases with process mining: a meta model and toolset. Software and Systems Modeling, 2019, 18, 1209-1247.	2.2	39
112	Discovering more precise process models from event logs by filtering out chaotic activities. Journal of Intelligent Information Systems, 2019, 52, 107-139.	2.8	49
113	Everything You Always Wanted to Know About Petri Nets, but Were Afraid to Ask. Lecture Notes in Computer Science, 2019, , 3-9.	1.0	8
114	Earth Moversâ€™ Stochastic Conformance Checking. Lecture Notes in Business Information Processing, 2019, , 127-143.	0.8	26
115	Mining Blockchain Processes: Extracting Process Mining Data from Blockchain Applications. Lecture Notes in Business Information Processing, 2019, , 71-86.	0.8	24
116	Object-Centric Process Mining: Dealing with Divergence and Convergence in Event Data. Lecture Notes in Computer Science, 2019, , 3-25.	1.0	70
117	Scenario-Based Prediction of Business Processes Using System Dynamics. Lecture Notes in Computer Science, 2019, , 422-439.	1.0	16
118	Automated Robotic Process Automation: A Self-Learning Approach. Lecture Notes in Computer Science, 2019, , 95-112.	1.0	22
119	A Generic Approach for Process Performance Analysis Using Bipartite Graph Matching. Lecture Notes in Business Information Processing, 2019, , 199-211.	0.8	1
120	Discovering Process Models from Uncertain Event Data. Lecture Notes in Business Information Processing, 2019, , 238-249.	0.8	17
121	Towards Privacy-Preserving Process Mining in Healthcare. Lecture Notes in Business Information Processing, 2019, , 483-495.	0.8	17
122	Evaluating the Effectiveness of Interactive Process Discovery in Healthcare: A Case Study. Lecture Notes in Business Information Processing, 2019, , 508-519.	0.8	11
123	Evaluating Conformance Measures in Process Mining Using Conformance Propositions. Lecture Notes in Computer Science, 2019, , 192-221.	1.0	32
124	A General Framework to Identify Software Components from Execution Data. , 2019, , .		9
125	Bipm: Combining BI and Process Mining. , 2019, , .		0
126	Fairness-Aware Process Mining. Lecture Notes in Computer Science, 2019, , 182-192.	1.0	6

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127	A Tour in Process Mining: From Practice to Algorithmic Challenges. Lecture Notes in Computer Science, 2019, , 1-35.	1.0	2
128	A Model-based Framework to Automatically Generate Semi-real Data for Evaluating Data Analysis Techniques. , 2019, , .		1
129	Finding Uniwired Petri Nets Using eST-Miner. Lecture Notes in Business Information Processing, 2019, , 224-237.	0.8	4
130	Business Process Variability Modeling. ACM Computing Surveys, 2018, 50, 1-45.	16.1	118
131	Blockchains for Business Process Management - Challenges and Opportunities. ACM Transactions on Management Information Systems, 2018, 9, 1-16.	2.1	404
132	Recursion aware modeling and discovery for hierarchical software event log analysis. , 2018, , .		17
133	Special Issue on Service-Oriented Collaborative Computing and Applications. IEEE Transactions on Services Computing, 2018, 11, 277-278.	3.2	1
134	Discovering workflow nets using integer linear programming. Computing (Vienna/New York), 2018, 100, 529-556.	3.2	47
135	The imprecisions of precision measures in process mining. Information Processing Letters, 2018, 135, 1-8.	0.4	44
136	DB-XES: Enabling Process Discovery in the Large. Lecture Notes in Business Information Processing, 2018, , 53-77.	0.8	6
137	Spreadsheets for business process management. Business Process Management Journal, 2018, 24, 105-127.	2.4	20
138	Process discovery from event data: Relating models and logs through abstractions. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2018, 8, e1244.	4.6	31
139	Recurrent Process Mining with Live Event Data. Lecture Notes in Business Information Processing, 2018, , 178-190.	0.8	1
140	Mining Process Model Descriptions of Daily Life Through Event Abstraction. Studies in Computational Intelligence, 2018, , 83-104.	0.7	18
141	Process variant comparison: Using event logs to detect differences in behavior and business rules. Information Systems, 2018, 74, 53-66.	2.4	35
142	The Statechart Workbench: Enabling scalable software event log analysis using process mining. , 2018, , .		12
143	Guided Process Discovery â€“ A pattern-based approach. Information Systems, 2018, 76, 1-18.	2.4	42
144	Why the Community Should Care About Technology-Centric Journal Rankings. Business and Information Systems Engineering, 2018, 60, 91-93.	4.0	0

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145	Scalable process discovery and conformance checking. Software and Systems Modeling, 2018, 17, 599-631.	2.2	141
146	Event stream-based process discovery using abstract representations. Knowledge and Information Systems, 2018, 54, 407-435.	2.1	54
147	Event Abstraction for Process Mining Using Supervised Learning Techniques. Lecture Notes in Networks and Systems, 2018, , 251-269.	0.5	44
148	Linking data and process perspectives for conformance analysis. Computers and Security, 2018, 73, 172-193.	4.0	41
149	Business Process Analytics and Big Data Systems: A Roadmap to Bridge the Gap. IEEE Access, 2018, 6, 77308-77320.	2.6	25
150	Conceptual Schema Transformation in Ontology-Based Data Access. Lecture Notes in Computer Science, 2018, , 50-67.	1.0	5
151	Fast Conformance Analysis Based on Activity Log Abstraction. , 2018, , .		2
152	Views on the Past, Present, and Future of Business and Information Systems Engineering. Business and Information Systems Engineering, 2018, 60, 443-477.	4.0	17
153	Software Process Analysis Methodology â€“ A Methodology Based on Lessons Learned in Embracing Legacy Software. , 2018, , .		5
154	Mining Local Process Models with Constraints Efficiently: Applications to the Analysis of Smart Home Data. , 2018, , .		7
155	Analysing Structured Learning Behaviour in Massive Open Online Courses (MOOCs): An Approach Based on Process Mining and Clustering. International Review of Research in Open and Distance Learning, 2018, 19, .	1.0	29
156	Symbolically Aligning Observed and Modelled Behaviour. , 2018, , .		13
157	Interactive Data-Driven Process Model Construction. Lecture Notes in Computer Science, 2018, , 251-265.	1.0	19
158	Lifecycle-Based Process Performance Analysis. Lecture Notes in Computer Science, 2018, , 336-353.	1.0	1
159	Applying Sequence Mining for Outlier Detection in Process Mining. Lecture Notes in Computer Science, 2018, , 98-116.	1.0	20
160	Similarity resonance for improving process model matching accuracy. , 2018, , .		3
161	Configurable Event Correlation for Process Discovery from Object-Centric Event Data. , 2018, , .		3
162	Component interface identification and behavioral model discovery from software execution data. , 2018, , .		7

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163	Hierarchical performance analysis for process mining. , 2018, , .		11
164	Robotic Process Automation. Business and Information Systems Engineering, 2018, 60, 269-272.	4.0	349
165	Discovering the â€œGlueâ€•Connecting Activities. Lecture Notes in Computer Science, 2018, , 1-20.	1.0	5
166	LocalProcessModelDiscovery: Bringing Petri Nets to the Pattern Mining World. Lecture Notes in Computer Science, 2018, , 374-384.	1.0	3
167	A general framework to detect behavioral design patterns. , 2018, , .		7
168	Recomposing conformance: Closing the circle on decomposed alignment-based conformance checking in process mining. Information Sciences, 2018, 466, 55-91.	4.0	38
169	ProDiGy : Human-in-the-loop process discovery. , 2018, , .		12
170	Interest-driven discovery of local process models. Information Systems, 2018, 77, 105-117.	2.4	12
171	Extracting Object-Centric Event Logs to Support Process Mining on Databases. Lecture Notes in Business Information Processing, 2018, , 182-199.	0.8	41
172	Detection and Interactive Repair of Event Ordering Imperfection in Process Logs. Lecture Notes in Computer Science, 2018, , 274-290.	1.0	22
173	Improving Process Discovery Results by Filtering Outliers Using Conditional Behavioural Probabilities. Lecture Notes in Business Information Processing, 2018, , 216-229.	0.8	30
174	Visual Analytics for Soundness Verification of Process Models. Lecture Notes in Business Information Processing, 2018, , 744-756.	0.8	3
175	Markings in Perpetual Free-Choice Nets Are Fully Characterized by Their Enabled Transitions. Lecture Notes in Computer Science, 2018, , 315-336.	1.0	2
176	Mining Hybrid Business Process Models: A Quest for Better Precision. Lecture Notes in Business Information Processing, 2018, , 190-205.	0.8	10
177	Maximizing Synchronization for Aligning Observed and Modelled Behaviour. Lecture Notes in Computer Science, 2018, , 233-249.	1.0	9
178	Unbiased, Fine-Grained Description of Processes Performance from Event Data. Lecture Notes in Computer Science, 2018, , 139-157.	1.0	25
179	A Framework to Support Behavioral Design Pattern Detection from Software Execution Data. , 2018, , .		7
180	Fast Incremental Conformance Analysis for Interactive Process Discovery. Lecture Notes in Business Information Processing, 2018, , 163-175.	0.8	4

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181	Desire Lines in Big Data. , 2018, , 582-595.		0
182	Incremental Computation of Synthesis Rules for Free-Choice Petri Nets. Lecture Notes in Computer Science, 2018, , 97-117.	1.0	0
183	Process mining using BPMN: relating event logs and process models. Software and Systems Modeling, 2017, 16, 1019-1048.	2.2	57
184	Generating event logs for high-level process models. Simulation Modelling Practice and Theory, 2017, 74, 1-16.	2.2	14
185	Discovering work prioritisation patterns from event logs. Decision Support Systems, 2017, 100, 77-92.	3.5	19
186	Process querying: Enabling business intelligence through query-based processÂanalytics. Decision Support Systems, 2017, 100, 41-56.	3.5	83
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188	Mining Resource Profiles from Event Logs. ACM Transactions on Management Information Systems, 2017, 8, 1-30.	2.1	46
189	Business Analytics and Data Science: Once Again?. Business and Information Systems Engineering, 2017, 59, 77-79.	4.0	31
190	A framework for detecting deviations in complex event logs. Intelligent Data Analysis, 2017, 21, 759-779.	0.4	14
191	Efficient Event Correlation over Distributed Systems. , 2017, , .		18
192	Responsible Data Science. Business and Information Systems Engineering, 2017, 59, 311-313.	4.0	68
193	Trans-National Joint Research Projects. Business and Information Systems Engineering, 2017, 59, 205-206.	4.0	0
194	Impact-Driven Process Model Repair. ACM Transactions on Software Engineering and Methodology, 2017, 25, 1-60.	4.8	49
195	Change visualisation: Analysing the resource and timing differences between two event logs. Information Systems, 2017, 65, 106-123.	2.4	19
196	Divide and Conquer: A Tool Framework for Supporting Decomposed Discovery in Process Mining. Computer Journal, 2017, 60, 1649-1674.	1.5	20
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198	Guided Interaction Exploration in Artifact-centric Process Models. , 2017, , .		12

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199	Business Process Reporting Using Process Mining, Analytic Workflows and Process Cubes: A Case Study in Education. Lecture Notes in Business Information Processing, 2017, , 28-53.	0.8	4
200	Detecting Changes in Process Behavior Using Comparative Case Clustering. Lecture Notes in Business Information Processing, 2017, , 54-75.	0.8	8
201	Using Domain Knowledge to Enhance Process Mining Results. Lecture Notes in Business Information Processing, 2017, , 76-104.	0.8	9
202	Everything You Always Wanted to Know About Your Process, but Did Not Know How to Ask. Lecture Notes in Business Information Processing, 2017, , 296-309.	0.8	11
203	Subgroup Discovery in Process Mining. Lecture Notes in Business Information Processing, 2017, , 237-252.	0.8	13
204	Business Process Comparison: A Methodology and Case Study. Lecture Notes in Business Information Processing, 2017, , 253-267.	0.8	7
205	Automatic Discovery of Object-Centric Behavioral Constraint Models. Lecture Notes in Business Information Processing, 2017, , 43-58.	0.8	23
206	Discovering Social Networks Instantly: Moving Process Mining Computations to the Database and Data Entry Time. Lecture Notes in Business Information Processing, 2017, , 51-67.	0.8	6
207	Discovering Causal Factors Explaining Business Process Performance Variation. Lecture Notes in Computer Science, 2017, , 177-192.	1.0	30
208	Data-Driven Process Discovery - Revealing Conditional Infrequent Behavior from Event Logs. Lecture Notes in Computer Science, 2017, , 545-560.	1.0	57
209	Responsible Data Science: Using Event Data in a â€œPeople Friendlyâ€•Manner. Lecture Notes in Business Information Processing, 2017, , 3-28.	0.8	17
210	Learning Hybrid Process Models from Events. Lecture Notes in Computer Science, 2017, , 59-76.	1.0	13
211	Semi-supervised Log Pattern Detection and Exploration Using Event Concurrence and Contextual Information. Lecture Notes in Computer Science, 2017, , 154-174.	1.0	17
212	Finding Process Variants in Event Logs. Lecture Notes in Computer Science, 2017, , 45-52.	1.0	15
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219	Heuristic approaches for generating Local Process Models through log projections. , 2016, , .		15
220	Component behavior discovery from software execution data. , 2016, , .		6
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222	Process Mining. , 2016, , .		1,306
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