Felix Mannhardt

List of Publications by Year
in descending order

34 papers	785 citations	14 h-index	27 g-index
35 all docs	35 docs citations	35 times ranked	419 citing authors

#	Article	IF	Citations
1	Balanced multi-perspective checking of process conformance. Computing (Vienna/New York), 2016, 98, 407-437.	3.2	142
2	The Internet of Things Meets Business Process Management: A Manifesto. IEEE Systems, Man, and Cybernetics Magazine, 2020, 6, 34-44.	1.2	79
3	Event abstraction in process mining: literature review and taxonomy. Granular Computing, 2021, 6, 719-736.	4.4	63
4	Data-Driven Process Discovery - Revealing Conditional Infrequent Behavior from Event Logs. Lecture Notes in Computer Science, 2017, , 545-560.	1.0	57
5	Privacy-Preserving Process Mining. Business and Information Systems Engineering, 2019, 61, 595-614.	4.0	50
6	From Low-Level Events to Activities - A Pattern-Based Approach. Lecture Notes in Computer Science, 2016, , 125-141.	1.0	45
7	Guided Process Discovery â€" A pattern-based approach. Information Systems, 2018, 76, 1-18.	2.4	42
8	Privacy Challenges for Process Mining in Human-Centered Industrial Environments. , 2018, , .		34
9	Recommendations for enhancing the usability and understandability of process mining in healthcare. Artificial Intelligence in Medicine, 2020, 109, 101962.	3.8	32
10	Decision Mining Revisited - Discovering Overlapping Rules. Lecture Notes in Computer Science, 2016, , 377-392.	1.0	31
11	User-Centered and Privacy-Driven Process Mining System Design for IoT. Lecture Notes in Business Information Processing, 2019, , 194-206.	0.8	22
12	AÂtrust and privacy framework for smart manufacturing environments. Journal of Ambient Intelligence and Smart Environments, 2019, 11, 201-219.	0.8	20
13	Privacy and Confidentiality in Process Mining: Threats and Research Challenges. ACM Transactions on Management Information Systems, 2022, 13, 1-17.	2.1	20
14	A Taxonomy for Combining Activity Recognition and Process Discovery in Industrial Environments. Lecture Notes in Computer Science, 2018, , 84-93.	1.0	18
15	Detection of batch activities from event logs. Information Systems, 2021, 95, 101642.	2.4	17
16	On the Contextualization of Event-Activity Mappings. Lecture Notes in Business Information Processing, 2019, , 445-457.	0.8	15
17	Process Model Discovery from Sensor Event Data. Lecture Notes in Business Information Processing, 2021, , 69-81.	0.8	15
18	Enhancing Process Models to Improve Business Performance: A Methodology and Case Studies. Lecture Notes in Computer Science, 2017, , 232-251.	1.0	14

#	Article	IF	Citations
19	Quantifying the Re-identification Risk of Event Logs for Process Mining. Lecture Notes in Computer Science, 2020, , 252-267.	1.0	13
20	On the Fragmentation of Process Information: Challenges, Solutions, and Outlook. Lecture Notes in Business Information Processing, 2015, , 3-18.	0.8	10
21	Decision Discovery in Business Processes. , 2018, , 1-12.		7
22	Classifying and Detecting Task Executions and Routines in Processes Using Event Graphs. Lecture Notes in Business Information Processing, 2021, , 212-229.	0.8	6
23	A Framework to Navigate the Privacy Trade-offs for Human-Centred Manufacturing. IFIP Advances in Information and Communication Technology, 2018, , 85-97.	0.5	5
24	Estimating the Impact of Incidents on Process Delay. , 2019, , .		4
25	Mining railway traffic control logs. Transportation Research Procedia, 2019, 37, 227-234.	0.8	4
26	Extending Process Logs with Events from Supplementary Sources. Lecture Notes in Business Information Processing, 2015, , 235-247.	0.8	4
27	Decision Discovery in Business Processes. , 2019, , 614-625.		4
28	Designing a Privacy Dashboard for a Smart Manufacturing Environment. IFIP Advances in Information and Communication Technology, 2020, , 79-85.	0.5	2
29	Discovering Care Pathways forÂMulti-morbid Patients Using Event Graphs. Lecture Notes in Business Information Processing, 2022, , 352-364.	0.8	2
30	Responsible Process Mining. Lecture Notes in Business Information Processing, 2022, , 373-401.	0.8	2
31	User Centered and Privacy-Driven Process Mining System Design. Informatik-Spektrum, 2019, 42, 347-348.	1.0	1
32	Privacy-preserving Process Mining: Differential. Informatik-Spektrum, 2019, 42, 349-351.	1.0	1
33	Process Mining and Privacy in Smart Manufacturing. Informatik-Spektrum, 2019, 42, 336-339.	1.0	0
34	Detailed Performance Diagnosis Based on Production Timestamps: A Case Study. IFIP Advances in Information and Communication Technology, 2019, , 708-715.	0.5	0