Sander J J Leemans

List of Publications by Year
in descending order

40 papers	1,560 citations	623188 14 h-index	360668 35 g-index
46 all docs	46 docs citations	46 times ranked	672 citing authors

#	Article	IF	Citations
1	Discovering Block-Structured Process Models from Event Logs - A Constructive Approach. Lecture Notes in Computer Science, 2013, , 311-329.	1.0	322
2	Robotic Process Automation: Contemporary themes and challenges. Computers in Industry, 2020, 115, 103162.	5.7	218
3	Discovering Block-Structured Process Models from Event Logs Containing Infrequent Behaviour. Lecture Notes in Business Information Processing, 2014, , 66-78.	0.8	197
4	Scalable process discovery and conformance checking. Software and Systems Modeling, 2018, 17, 599-631.	2.2	141
5	PM^{2}: A Process Mining Project Methodology. Lecture Notes in Computer Science, 2015, , 297-313.	1.0	136
6	Discovering Block-Structured Process Models from Incomplete Event Logs. Lecture Notes in Computer Science, 2014, , 91-110.	1.0	91
7	Directly Follows-Based Process Mining: Exploration & a Case Study. , 2019, , .		64
8	Scalable Process Discovery with Guarantees. Lecture Notes in Business Information Processing, 2015, , 85-101.	0.8	48
9	Stochastic process mining: Earth movers' stochastic conformance. Information Systems, 2021, 102, 101724.	2.4	38
10	Using Life Cycle Information in Process Discovery. Lecture Notes in Business Information Processing, 2016, , 204-217.	0.8	34
11	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
12	Earth Movers' Stochastic Conformance Checking. Lecture Notes in Business Information Processing, 2019, , 127-143.	0.8	26
13	Exploring Processes and Deviations. Lecture Notes in Business Information Processing, 2015, , 304-316.	0.8	24
14	Robust Drift Characterization from Event Streams of Business Processes. ACM Transactions on Knowledge Discovery From Data, 2020, 14, 1-57.	2.5	20
15	Formalising and analysing the control software of the Compact Muon Solenoid Experiment at the Large Hadron Collider. Science of Computer Programming, 2013, 78, 2435-2452.	1.5	16
16	Information-preserving abstractions of event data in process mining. Knowledge and Information Systems, 2020, 62, 1143-1197.	2.1	14
17	Discovering Queues from Event Logs with Varying Levels of Information. Lecture Notes in Business Information Processing, 2016, , 154-166.	0.8	13
18	Using Multi-Level Information in Hierarchical Process Mining: Balancing Behavioural Quality and Model Complexity. , 2020, , .		13

#	Article	IF	Citations
19	Stochastic-Aware Conformance Checking: An Entropy-Based Approach. Lecture Notes in Computer Science, 2020, , 217-233.	1.0	12
20	Process Mining Adoption. Lecture Notes in Business Information Processing, 2020, , 229-245.	0.8	11
21	Recommending Insightful Drill-Downs Based on Learning Processes for Learning Analytics Dashboards. Lecture Notes in Computer Science, 2020, , 486-499.	1.0	10
22	Stochastic Process Discovery by Weight Estimation. Lecture Notes in Business Information Processing, 2021, , 260-272.	0.8	9
23	Indulpet Miner: Combining Discovery Algorithms. Lecture Notes in Computer Science, 2018, , 97-115.	1.0	8
24	Identifying Cohorts: Recommending Drill-Downs Based on Differences in Behaviour for Process Mining. Lecture Notes in Computer Science, 2020, , 92-102.	1.0	8
25	Bot Log Mining: Using Logs from Robotic Process Automation for Process Mining. Lecture Notes in Computer Science, 2020, , 51-61.	1.0	8
26	An assisted approach to business process redesign. Decision Support Systems, 2022, 156, 113749.	3.5	8
27	Translating Workflow Nets to Process Trees: An Algorithmic Approach. Algorithms, 2020, 13, 279.	1.2	7
28	Quality-Informed Process Mining: A Case for Standardised Data Quality Annotations. ACM Transactions on Knowledge Discovery From Data, 2022, 16, 1-47.	2.5	5
29	xPM: A Framework for Process Mining with Exogenous Data. Lecture Notes in Business Information Processing, 2022, , 85-97.	0.8	5
30	Isolating the impact of rock properties and operational settings on minerals processing performance: A data-driven approach. Minerals Engineering, 2018, 122, 53-66.	1.8	4
31	Discovering Stochastic Process Models by Reduction and Abstraction. Lecture Notes in Computer Science, 2021, , 312-336.	1.0	4
32	Robust Process Mining with Guarantees. Lecture Notes in Business Information Processing, 2022, , .	0.8	4
33	Automated Process Discovery. , 2018, , 1-10.		2
34	Optimization framework for DFG-based automated process discovery approaches. Software and Systems Modeling, 2021, 20, 1245-1270.	2.2	2
35	Causal Reasoning over Control-Flow Decisions in Process Models. Lecture Notes in Computer Science, 2022, , 183-200.	1.0	2
36	Process Discovery and Exploration. Lecture Notes in Business Information Processing, 2015, , 582-585.	0.8	1

#	Article	IF	Citations
37	Automated Process Discovery. , 2019, , 121-130.		1
38	Discovery Algorithms. Lecture Notes in Business Information Processing, 2022, , 215-325.	0.8	1
39	Process discovery using in-database minimum self distance abstractions. , 2020, , .		0
40	Process Mining. Lecture Notes in Business Information Processing, 2022, , 49-117.	0.8	0