

Andrea Burattin

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,467
citations

759233

12
h-index

361022

35
g-index

47
all docs

47
docs citations

47
times ranked

833
citing authors

#	ARTICLE	IF	CITATIONS
1	Process Mining Manifesto. Lecture Notes in Business Information Processing, 2012, , 169-194.	1.0	546
2	Conformance checking based on multi-perspective declarative process models. Expert Systems With Applications, 2016, 65, 194-211.	7.6	119
3	The Internet of Things Meets Business Process Management: A Manifesto. IEEE Systems, Man, and Cybernetics Magazine, 2020, 6, 34-44.	1.4	79
4	Time and activity sequence prediction of business process instances. Computing (Vienna/New York), 2018, 100, 1005-1031.	4.8	78
5	Online Discovery of Declarative Process Models from Event Streams. IEEE Transactions on Services Computing, 2015, 8, 833-846.	4.6	65
6	Control-flow discovery from event streams. , 2014, , .		56
7	Data-aware remaining time prediction of business process instances. , 2014, , .		52
8	PLG: A Framework for the Generation of Business Process Models and Their Execution Logs. Lecture Notes in Business Information Processing, 2011, , 214-219.	1.0	42
9	Process Mining Techniques in Business Environments. Lecture Notes in Business Information Processing, 2015, , .	1.0	34
10	Techniques for a Posteriori Analysis of Declarative Processes. , 2012, , .		32
11	Online Process Discovery to Detect Concept Drifts in LTL-Based Declarative Process Models. Lecture Notes in Computer Science, 2013, , 94-111.	1.3	30
12	Online Conformance Checking Using Behavioural Patterns. Lecture Notes in Computer Science, 2018, , 250-267.	1.3	28
13	A Framework for Online Conformance Checking. Lecture Notes in Business Information Processing, 2018, , 165-177.	1.0	28
14	Business models enhancement through discovery of roles. , 2013, , .		26
15	Performance Analysis of Emergency Room Episodes Through Process Mining. International Journal of Environmental Research and Public Health, 2019, 16, 1274.	2.6	24
16	On the declarative paradigm in hybrid business process representations: A conceptual framework and a systematic literature study. Information Systems, 2020, 91, 101505.	3.6	20
17	Toward an Anonymous Process Mining. , 2015, , .		17
18	Exploring the Understandability of a Hybrid Process Design Artifact Based on DCR Graphs. Lecture Notes in Business Information Processing, 2019, , 69-84.	1.0	13

#	ARTICLE	IF	CITATIONS
19	A framework for semi-automated process instance discovery from decorative attributes. , 2011, , .		12
20	Lights, Camera, Action! Business Process Movies for Online Process Discovery. Lecture Notes in Business Information Processing, 2015, , 408-419.	1.0	12
21	Learning process modeling phases from modeling interactions and eye tracking data. Data and Knowledge Engineering, 2019, 121, 1-17.	3.4	12
22	Special issue on business process intelligence. Computing (Vienna/New York), 2021, 103, 1-2.	4.8	12
23	Orientation and conformance: A HMM-based approach to online conformance checking. Information Systems, 2021, 102, 101674.	3.6	10
24	Streaming Process Mining. Lecture Notes in Business Information Processing, 2022, , 349-372.	1.0	10
25	A Business Process Metric Based on the Alpha Algorithm Relations. Lecture Notes in Business Information Processing, 2012, , 141-146.	1.0	9
26	Automatic determination of parameters' values for Heuristics Miner++. , 2010, , .		8
27	Towards Online Discovery of Data-Aware Declarative Process Models from Event Streams. , 2020, , .		8
28	Supporting the Process of Learning and Teaching Process Models. IEEE Transactions on Learning Technologies, 2020, 13, 552-566.	3.2	8
29	Exploring how users engage with hybrid process artifacts based on declarative process models: a behavioral analysis based on eye-tracking and think-aloud. Software and Systems Modeling, 2021, 20, 1437-1464.	2.7	8
30	Mining reading patterns from eye-tracking data: method and demonstration. Software and Systems Modeling, 2020, 19, 345-369.	2.7	7
31	Eye Tracking Meets the Process of Process Modeling: A Visual Analytic Approach. Lecture Notes in Business Information Processing, 2017, , 461-473.	1.0	7
32	Toward an Automated Labeling of Event Log Attributes. Lecture Notes in Business Information Processing, 2018, , 82-96.	1.0	6
33	Unleashing textual descriptions of business processes. Software and Systems Modeling, 2021, 20, 2131-2153.	2.7	5
34	Understanding Quality in Declarative Process Modeling Through the Mental Models of Experts. Lecture Notes in Computer Science, 2020, , 417-434.	1.3	5
35	OSSINT - Open Source Social Network Intelligence. Online Social Networks and Media, 2018, 6, 58-68.	3.6	4
36	From analytical purposes to data visualizations: a decision process guided by a conceptual framework and eye tracking. Software and Systems Modeling, 2020, 19, 531-554.	2.7	4

#	ARTICLE	IF	CITATIONS
37	Visualization of the Evolution of Layout Metrics for Business Process Models. Lecture Notes in Business Information Processing, 2017, , 449-460.	1.0	4
38	Streaming Process Discovery and Conformance Checking. , 2018, , 1-8.		4
39	A novel criterion for overlapping communities detection and clustering improvement. , 2014, , .		3
40	Detection and quantification of flow consistency in business process models. Software and Systems Modeling, 2018, 17, 633-654.	2.7	3
41	A Data Driven Agent Elicitation Pipeline for Prediction Models. Lecture Notes in Business Information Processing, 2019, , 570-582.	1.0	3
42	Streaming Process Discovery and Conformance Checking. , 2019, , 1636-1643.		3
43	The Influence of Cognitive Abilities and Cognitive Load on Business Process Models and Their Creation. Lecture Notes in Information Systems and Organisation, 2015, , 107-115.	0.6	3
44	SocialSpy: Browsing (Supposedly) Hidden Information in Online Social Networks. Lecture Notes in Computer Science, 2015, , 83-99.	1.3	2
45	The Impact of Modularization on the Understandability of Declarative Process Models: A Research Model. Lecture Notes in Information Systems and Organisation, 2020, , 133-144.	0.6	2
46	Measuring and Explaining Cognitive Load During Design Activities: A Fine-Grained Approach. Lecture Notes in Information Systems and Organisation, 2018, , 47-53.	0.6	2
47	Linac: A Smart Environment Simulator of Human Activities. Lecture Notes in Business Information Processing, 2022, , 60-72.	1.0	2