Andrea Burattin

List of Publications by Year
in descending order

47	1,467	759233	361022
papers	citations	12	35
		h-index	g-index

47	47	47	833
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Linac: A Smart Environment Simulator ofÂHuman Activities. Lecture Notes in Business Information Processing, 2022, , 60-72.	1.0	2
2	Streaming Process Mining. Lecture Notes in Business Information Processing, 2022, , 349-372.	1.0	10
3	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
4	Special issue on business process intelligence. Computing (Vienna/New York), 2021, 103, 1-2.	4.8	12
5	Orientation and conformance: A HMM-based approach to online conformance checking. Information Systems, 2021, 102, 101674.	3.6	10
6	Unleashing textual descriptions of business processes. Software and Systems Modeling, 2021, 20, 2131-2153.	2.7	5
7	Mining reading patterns from eye-tracking data: method and demonstration. Software and Systems Modeling, 2020, 19, 345-369.	2.7	7
8	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
9	The Internet of Things Meets Business Process Management: A Manifesto. IEEE Systems, Man, and Cybernetics Magazine, 2020, 6, 34-44.	1.4	79
10	Towards Online Discovery of Data-Aware Declarative Process Models from Event Streams. , 2020, , .		8
11	Supporting the Process of Learning and Teaching Process Models. IEEE Transactions on Learning Technologies, 2020, 13, 552-566.	3.2	8
12	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
13	Understanding Quality in Declarative Process Modeling Through the Mental Models of Experts. Lecture Notes in Computer Science, 2020, , 417-434.	1.3	5
14	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
15	Learning process modeling phases from modeling interactions and eye tracking data. Data and Knowledge Engineering, 2019, 121, 1-17.	3.4	12
16	Performance Analysis of Emergency Room Episodes Through Process Mining. International Journal of Environmental Research and Public Health, 2019, 16, 1274.	2.6	24
17	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
18	A Data Driven Agent Elicitation Pipeline for Prediction Models. Lecture Notes in Business Information Processing, 2019, , 570-582.	1.0	3

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19	Streaming Process Discovery and Conformance Checking. , 2019, , 1636-1643.		3
20	Time and activity sequence prediction of business process instances. Computing (Vienna/New York), 2018, 100, 1005-1031.	4.8	78
21	Detection and quantification of flow consistency in business process models. Software and Systems Modeling, 2018, 17, 633-654.	2.7	3
22	Online Conformance Checking Using Behavioural Patterns. Lecture Notes in Computer Science, 2018, , 250-267.	1.3	28
23	OSSINT - Open Source Social Network Intelligence. Online Social Networks and Media, 2018, 6, 58-68.	3.6	4
24	A Framework for Online Conformance Checking. Lecture Notes in Business Information Processing, 2018, , 165-177.	1.0	28
25	Toward an Automated Labeling of Event Log Attributes. Lecture Notes in Business Information Processing, 2018, , 82-96.	1.0	6
26	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
27	Streaming Process Discovery and Conformance Checking. , 2018, , 1-8.		4
28	Visualization of the Evolution of Layout Metrics for Business Process Models. Lecture Notes in Business Information Processing, 2017, , 449-460.	1.0	4
29	Eye Tracking Meets the Process of Process Modeling: A Visual Analytic Approach. Lecture Notes in Business Information Processing, 2017, , 461-473.	1.0	7
30	Conformance checking based on multi-perspective declarative process models. Expert Systems With Applications, 2016, 65, 194-211.	7.6	119
31	Toward an Anonymous Process Mining. , 2015, , .		17
32	Lights, Camera, Action! Business Process Movies for Online Process Discovery. Lecture Notes in Business Information Processing, 2015, , 408-419.	1.0	12
33	Process Mining Techniques in Business Environments. Lecture Notes in Business Information Processing, 2015, , .	1.0	34
34	Online Discovery of Declarative Process Models from Event Streams. IEEE Transactions on Services Computing, 2015, 8, 833-846.	4.6	65
35	SocialSpy: Browsing (Supposedly) Hidden Information in Online Social Networks. Lecture Notes in Computer Science, 2015, , 83-99.	1.3	2
36	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

#	Article	IF	Citations
37	Control-flow discovery from event streams. , 2014, , .		56
38	A novel criterion for overlapping communities detection and clustering improvement. , 2014, , .		3
39	Data-aware remaining time prediction of business process instances. , 2014, , .		52
40	Business models enhancement through discovery of roles. , 2013, , .		26
41	Online Process Discovery to Detect Concept Drifts in LTL-Based Declarative Process Models. Lecture Notes in Computer Science, 2013, , 94-111.	1.3	30
42	Techniques for a Posteriori Analysis of Declarative Processes. , 2012, , .		32
43	A Business Process Metric Based on the Alpha Algorithm Relations. Lecture Notes in Business Information Processing, 2012, , 141-146.	1.0	9
44	Process Mining Manifesto. Lecture Notes in Business Information Processing, 2012, , 169-194.	1.0	546
45	A framework for semi-automated process instance discovery from decorative attributes. , 2011, , .		12
46	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
47	Automatic determination of parameters' values for Heuristics Miner&#x002B;&#x002B;. , 2010, , .		8