Chiara Ghidini

List of Publications by Year in descending order

83 papers	1,558 citations	394421 19 h-index	345221 36 g-index
93 all docs	93 docs citations	93 times ranked	819 citing authors

#	ARTICLE	IF	CITATIONS
1	Solving reachability problems on data-aware workflows. Expert Systems With Applications, 2022, 189, 116059.	7.6	2
2	Process mining for healthcare: Characteristics and challenges. Journal of Biomedical Informatics, 2022, 127, 103994.	4.3	91
3	How do I update my model? On the resilience of Predictive Process Monitoring models to change. Knowledge and Information Systems, 2022, 64, 1385-1416.	3.2	11
4	Semantic modeling and analysis of complex data-aware processes and their executions. Expert Systems With Applications, 2022, 198, 116702.	7.6	3
5	Predictive Process Monitoring. Lecture Notes in Business Information Processing, 2022, , 320-346.	1.0	23
6	Unstructured Data in Predictive Process Monitoring: Lexicographic and Semantic Mapping to ICD-9-CM Codes for the Home Hospitalization Service. Lecture Notes in Computer Science, 2022, , 700-715.	1.3	1
7	What is a process model composed of?. Software and Systems Modeling, 2021, 20, 1215-1243.	2.7	6
8	Digging into Business Process Meta-models: A First Ontological Analysis. Lecture Notes in Computer Science, 2020, , 384-400.	1.3	6
9	Selected papers from EKAW 2018. Semantic Web, 2020, 12, 3-4.	1.9	0
10	Predicting Critical Behaviors in Business Process Executions: When Evidence Counts. Lecture Notes in Business Information Processing, 2019, , 72-90.	1.0	5
11	Genetic algorithms for hyperparameter optimization in predictive business process monitoring. Information Systems, 2018, 74, 67-83.	3.6	57
12	Expressive ontology learning as neural machine translation. Web Semantics, 2018, 52-53, 66-82.	2.9	21
13	Business Process Activity Relationships: Is There Anything Beyond Arrows?. Lecture Notes in Business Information Processing, 2018, , 53-70.	1.0	4
14	Compliance in Business Processes with Incomplete Information and Time Constraints: a General Framework based on Abductive Reasoning*. Fundamenta Informaticae, 2018, 161, 75-111.	0.4	4
15	Predictive Process Monitoring Methods: Which One Suits Me Best?. Lecture Notes in Computer Science, 2018, , 462-479.	1.3	90
16	On the Notion of Goal in Business Process Models. Lecture Notes in Computer Science, 2018, , 139-151.	1.3	3
17	Enhancing Workflow-Nets with Data for Trace Completion. Lecture Notes in Business Information Processing, 2018, , 89-106.	1.0	0
18	Distributed First Order Logic. Artificial Intelligence, 2017, 253, 1-39.	5.8	7

#	ARTICLE	IF	CITATIONS
19	An Eye into the Future: Leveraging A-priori Knowledge in Predictive Business Process Monitoring. Lecture Notes in Computer Science, 2017, , 252-268.	1.3	53
20	Business Processes and Their Participants: AnÂOntological Perspective. Lecture Notes in Computer Science, 2017, , 215-228.	1.3	11
21	Rule Propagation: Adapting Procedural Process Models to Declarative Business Rules. , 2017, , .		3
22	People-Centred Production Design. , 2017, , 113-166.		2
23	Intra and Inter-case Features in Predictive Process Monitoring: A Tale of Two Dimensions. Lecture Notes in Computer Science, 2017, , 306-323.	1.3	50
24	Predictive Business Process Monitoring Framework with Hyperparameter Optimization. Lecture Notes in Computer Science, 2016, , 361-376.	1.3	35
25	Declarative Process Models: Different Ways to Be Hierarchical. Lecture Notes in Computer Science, 2016, , 104-119.	1.3	2
26	Ontology Learning in the Deep. Lecture Notes in Computer Science, 2016, , 480-495.	1.3	27
27	Abducing Compliance of Incomplete Event Logs. Lecture Notes in Computer Science, 2016, , 208-222.	1.3	6
28	An Ontology for Supporting the Evolution of Virtual Reality Scenarios. Lecture Notes in Computer Science, 2016, , 33-44.	1.3	1
29	Using Ontologies for Modeling Virtual Reality Scenarios. Lecture Notes in Computer Science, 2015, , 575-590.	1.3	10
30	Completing Workflow Traces Using Action Languages. Lecture Notes in Computer Science, 2015, , 314-330.	1.3	15
31	A Declarative Framework for Specifying andÂEnforcing Purpose-Aware Policies. Lecture Notes in Computer Science, 2015, , 55-71.	1.3	5
32	Developing an Ontology for Autonomous Entities in a Virtual Reality: The PRESTO Experience. Lecture Notes in Computer Science, 2015, , 3-16.	1.3	1
33	Reasoning on Incomplete Execution Traces Using Action Languages â€" A First Report. Lecture Notes in Computer Science, 2015, , 185-191.	1.3	0
34	The Role of Semantic Annotations in Business Process Modelling. , 2014, , .		2
35	Semantic-Based Process Analysis. Lecture Notes in Computer Science, 2014, , 228-243.	1.3	4
36	Evaluating Wiki Collaborative Features in Ontology Authoring. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2997-3011.	5.7	8

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37	Multi-context Logicsâ€"A General Introduction. , 2014, , 381-399.		2
38	Predictive Monitoring of Business Processes. Lecture Notes in Computer Science, 2014, , 457-472.	1.3	163
39	A Multi-objective Approach to Business Process Repair. Lecture Notes in Computer Science, 2014, , 32-46.	1.3	1
40	Collaborative Management of Multilingual Ontologies. , 2014, , 175-192.		5
41	Comparing contextual and flat representations of knowledge. , 2013, , .		5
42	Ontology authoring with FORZA. , 2013, , .		4
43	Guided entity reuse and class expression generator. , 2013, , .		0
44	Semantic technologies for industry: From knowledge modeling and integration to intelligent applications. Intelligenza Artificiale, 2013, 7, 125-137.	1.6	6
45	Reasoning-Based Techniques for Dealing with Incomplete Business Process Execution Traces. Lecture Notes in Computer Science, 2013, , 469-480.	1.3	9
46	Multilingual MoKi: How to Manage Multilingual Ontologies in a Wiki. Lecture Notes in Computer Science, 2013, , 162-166.	1.3	2
47	Semantics-Based Aspect-Oriented Management of Exceptional Flows in Business Processes. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 25-37.	2.9	25
48	Evaluating Wiki-Enhanced Ontology Authoring. Lecture Notes in Computer Science, 2012, , 292-301.	1.3	7
49	Achieving Interoperability through Semantic Technologies in the Public Administration. Lecture Notes in Computer Science, 2012, , 793-807.	1.3	0
50	Wiki-Based Conceptual Modeling: An Experience with the Public Administration. Lecture Notes in Computer Science, 2011, , 17-32.	1.3	4
51	A framework for the collaborative specification of semantically annotated business processes. Journal of Software: Evolution and Process, 2011, 23, 261-295.	1.1	16
52	Executable specifications of resource-bounded agents. Autonomous Agents and Multi-Agent Systems, 2010, 21, 368-396.	2.1	6
53	Collaborative Specification of Semantically Annotated Business Processes. Lecture Notes in Business Information Processing, 2010, , 305-317.	1.0	4
54	Exploring the Future with Resource-Bounded Agents. Journal of Logic, Language and Information, 2009, 18, 3-21.	0.6	8

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55	MoKi: The Enterprise Modelling Wiki. Lecture Notes in Computer Science, 2009, , 831-835.	1.3	33
56	Semantically-Aided Business Process Modeling. Lecture Notes in Computer Science, 2009, , 114-129.	1.3	33
57	Querying the Web of Data: A Formal Approach. Lecture Notes in Computer Science, 2009, , 291-305.	1.3	23
58	Bounded-Resource Reasoning as (Strong or Classical) Planning. Lecture Notes in Computer Science, 2009, , 77-96.	1.3	0
59	A Network Model Approach to Retrieval in the Semantic Web. International Journal on Semantic Web and Information Systems, 2008, 4, 56-84.	5.1	15
60	Mapping Properties of Heterogeneous Ontologies. Lecture Notes in Computer Science, 2008, , 181-193.	1.3	5
61	Reasoning on Semantically Annotated Processes. Lecture Notes in Computer Science, 2008, , 132-146.	1.3	40
62	On Relating Heterogeneous Elements from Different Ontologies. Lecture Notes in Computer Science, 2007, , 234-247.	1.3	13
63	Verifying space and time requirements for resource-bounded agents. , 2006, , .		6
64	Dynamic Team Formation in Executable Agent-Based Systems. , 2006, , 139-158.		2
65	Reconciling Concepts and Relations in Heterogeneous Ontologies. Lecture Notes in Computer Science, 2006, , 50-64.	1.3	18
66	Organising Software in Active Environments. Lecture Notes in Computer Science, 2005, , 265-280.	1.3	3
67	Organising Computation through Dynamic Grouping. Lecture Notes in Computer Science, 2004, , 117-136.	1.3	5
68	Programming Groups of Rational Agents. Lecture Notes in Computer Science, 2004, , 16-33.	1.3	9
69	Theories and uses of context in knowledge representation and reasoning. Journal of Pragmatics, 2003, 35, 455-484.	1.5	45
70	Organising Logic-Based Agents. Lecture Notes in Computer Science, 2003, , 15-27.	1.3	4
71	The abc of rational agent modelling. , 2002, , .		22
72	Agents with Bounded Temporal Resources. Lecture Notes in Computer Science, 2002, , 169-184.	1.3	5

#	Article	IF	Citations
73	Local Models Semantics, or contextual reasoning=locality+compatibilityâ˜†â˜†This paper is a substantially revised and extended version of a paper with the same title presented at the 1998 Knowledge Representation and Reasoning Conference (KR'98). The order of the names is alphabetical.. Artificial Intelligence, 2001, 127, 221-259.	5.8	264
74	Multi-agent systems research into the 21st century. Knowledge Engineering Review, 2001, 16, 271-275.	2.6	5
75	On the Dimensions of Context Dependence: Partiality, Approximation, and Perspective. Lecture Notes in Computer Science, 2001, , 59-72.	1.3	23
76	Contextual reasoning distilled. Journal of Experimental and Theoretical Artificial Intelligence, 2000, 12, 279-305.	2.8	84
77	Using Wrapper Agents to Answer Queries in Distributed Information Systems. Lecture Notes in Computer Science, 2000, , 331-340.	1.3	5
78	Modelling (Un)Bounded Beliefs. Lecture Notes in Computer Science, 1999, , 145-158.	1.3	11
79	A Context-Based Logic for Distributed Knowledge Representation and Reasoning. Lecture Notes in Computer Science, 1999, , 159-172.	1.3	5
80	Information Integration for Electronic Commerce. Lecture Notes in Computer Science, 1999, , 189-206.	1.3	3
81	Formalizing belief reports â€" The approach and a case study. Lecture Notes in Computer Science, 1998, , 62-75.	1.3	7
82	Using wrapper agents to answer queries in distributed information systems. , 0, , .		1
83	Expressive Ontology Learning as Neural Machine Translation. SSRN Electronic Journal, 0, , .	0.4	1