# 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 | 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 |
| 2 | Predictive Monitoring of Business Processes. Lecture Notes in Computer Science, 2014, , 457-472. | 1.3 | 163 |
| 3 | Process mining for healthcare: Characteristics and challenges. Journal of Biomedical Informatics, 2022, 127, 103994. | 4.3 | 91 |
| 4 | Predictive Process Monitoring Methods: Which One Suits Me Best?. Lecture Notes in Computer Science, 2018, , 462-479. | 1.3 | 90 |
| 5 | Contextual reasoning distilled. Journal of Experimental and Theoretical Artificial Intelligence, 2000, 12, 279-305. | 2.8 | 84 |
| 6 | Genetic algorithms for hyperparameter optimization in predictive business process monitoring. Information Systems, 2018, 74, 67-83. | 3.6 | 57 |
| 7 | 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 |
| 8 | 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 |
| 9 | Theories and uses of context in knowledge representation and reasoning. Journal of Pragmatics, 2003, 35, 455-484. | 1.5 | 45 |
| 10 | Reasoning on Semantically Annotated Processes. Lecture Notes in Computer Science, 2008, , 132-146. | 1.3 | 40 |
| 11 | Predictive Business Process Monitoring Framework with Hyperparameter Optimization. Lecture Notes in Computer Science, 2016, , 361-376. | 1.3 | 35 |
| 12 | MoKi: The Enterprise Modelling Wiki. Lecture Notes in Computer Science, 2009, , 831-835. | 1.3 | 33 |
| 13 | Semantically-Aided Business Process Modeling. Lecture Notes in Computer Science, 2009, , 114-129. | 1.3 | 33 |
| 14 | Ontology Learning in the Deep. Lecture Notes in Computer Science, 2016, , 480-495. | 1.3 | 27 |
| 15 | 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 |
| 16 | On the Dimensions of Context Dependence: Partiality, Approximation, and Perspective. Lecture Notes in Computer Science, 2001, , 59-72. | 1.3 | 23 |
| 17 | Querying the Web of Data: A Formal Approach. Lecture Notes in Computer Science, 2009, , 291-305. | 1.3 | 23 |
| 18 | Predictive Process Monitoring. Lecture Notes in Business Information Processing, 2022, , 320-346. | 1.0 | 23 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The abc of rational agent modelling. , 2002, , . | | 22 |
| 20 | Expressive ontology learning as neural machine translation. Web Semantics, 2018, 52-53, 66-82. | 2.9 | 21 |
| 21 | Reconciling Concepts and Relations in Heterogeneous Ontologies. Lecture Notes in Computer Science, 2006, , 50-64. | 1.3 | 18 |
| 22 | A framework for the collaborative specification of semantically annotated business processes. Journal of Software: Evolution and Process, 2011, 23, 261-295. | 1.1 | 16 |
| 23 | 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 |
| 24 | Completing Workflow Traces Using Action Languages. Lecture Notes in Computer Science, 2015, , 314-330. | 1.3 | 15 |
| 25 | On Relating Heterogeneous Elements from Different Ontologies. Lecture Notes in Computer Science, 2007, , 234-247. | 1.3 | 13 |
| 26 | Business Processes and Their Participants: AnÂOntological Perspective. Lecture Notes in Computer Science, 2017, , 215-228. | 1.3 | 11 |
| 27 | Modelling (Un)Bounded Beliefs. Lecture Notes in Computer Science, 1999, , 145-158. | 1.3 | 11 |
| 28 | 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 |
| 29 | Using Ontologies for Modeling Virtual Reality Scenarios. Lecture Notes in Computer Science, 2015, , 575-590. | 1.3 | 10 |
| 30 | Reasoning-Based Techniques for Dealing with Incomplete Business Process Execution Traces. Lecture Notes in Computer Science, 2013, , 469-480. | 1.3 | 9 |
| 31 | Programming Groups of Rational Agents. Lecture Notes in Computer Science, 2004, , 16-33. | 1.3 | 9 |
| 32 | Exploring the Future with Resource-Bounded Agents. Journal of Logic, Language and Information, 2009, 18, 3-21. | 0.6 | 8 |
| 33 | Evaluating Wiki Collaborative Features in Ontology Authoring. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2997-3011. | 5.7 | 8 |
| 34 | Formalizing belief reports â€" The approach and a case study. Lecture Notes in Computer Science, 1998, , 62-75. | 1.3 | 7 |
| 35 | Distributed First Order Logic. Artificial Intelligence, 2017, 253, 1-39. | 5.8 | 7 |
| 36 | Evaluating Wiki-Enhanced Ontology Authoring. Lecture Notes in Computer Science, 2012, , 292-301. | 1.3 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Verifying space and time requirements for resource-bounded agents. , 2006, , . | | 6 |
| 38 | Executable specifications of resource-bounded agents. Autonomous Agents and Multi-Agent Systems, 2010, 21, 368-396. | 2.1 | 6 |
| 39 | Semantic technologies for industry: From knowledge modeling and integration to intelligent applications. Intelligenza Artificiale, 2013, 7, 125-137. | 1.6 | 6 |
| 40 | What is a process model composed of?. Software and Systems Modeling, 2021, 20, 1215-1243. | 2.7 | 6 |
| 41 | Digging into Business Process Meta-models: A First Ontological Analysis. Lecture Notes in Computer Science, 2020, , 384-400. | 1.3 | 6 |
| 42 | Abducing Compliance of Incomplete Event Logs. Lecture Notes in Computer Science, 2016, , 208-222. | 1.3 | 6 |
| 43 | Multi-agent systems research into the 21st century. Knowledge Engineering Review, 2001, 16, 271-275. | 2.6 | 5 |
| 44 | Organising Computation through Dynamic Grouping. Lecture Notes in Computer Science, 2004, , 117-136. | 1.3 | 5 |
| 45 | Comparing contextual and flat representations ofknowledge. , 2013, , . | | 5 |
| 46 | Using Wrapper Agents to Answer Queries in Distributed Information Systems. Lecture Notes in Computer Science, 2000, , 331-340. | 1.3 | 5 |
| 47 | Agents with Bounded Temporal Resources. Lecture Notes in Computer Science, 2002, , 169-184. | 1.3 | 5 |
| 48 | A Declarative Framework for Specifying andÂEnforcing Purpose-Aware Policies. Lecture Notes in Computer Science, 2015, , 55-71. | 1.3 | 5 |
| 49 | Mapping Properties of Heterogeneous Ontologies. Lecture Notes in Computer Science, 2008, , 181-193. | 1.3 | 5 |
| 50 | Collaborative Management of Multilingual Ontologies. , 2014, , 175-192. | | 5 |
| 51 | A Context-Based Logic for Distributed Knowledge Representation and Reasoning. Lecture Notes in Computer Science, 1999, , 159-172. | 1.3 | 5 |
| 52 | Predicting Critical Behaviors in Business Process Executions: When Evidence Counts. Lecture Notes in Business Information Processing, 2019, , 72-90. | 1.0 | 5 |
| 53 | Organising Logic-Based Agents. Lecture Notes in Computer Science, 2003, , 15-27. | 1.3 | 4 |
| 54 | Wiki-Based Conceptual Modeling: An Experience with the Public Administration. Lecture Notes in Computer Science, 2011, , 17-32. | 1.3 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Ontology authoring with FORZA. , 2013, , . | | 4 |
| 56 | Semantic-Based Process Analysis. Lecture Notes in Computer Science, 2014, , 228-243. | 1.3 | 4 |
| 57 | Business Process Activity Relationships: Is There Anything Beyond Arrows?. Lecture Notes in Business Information Processing, 2018, , 53-70. | 1.0 | 4 |
| 58 | 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 |
| 59 | Collaborative Specification of Semantically Annotated Business Processes. Lecture Notes in Business Information Processing, 2010, , 305-317. | 1.0 | 4 |
| 60 | Rule Propagation: Adapting Procedural Process Models to Declarative Business Rules. , 2017, , . | | 3 |
| 61 | Organising Software in Active Environments. Lecture Notes in Computer Science, 2005, , 265-280. | 1.3 | 3 |
| 62 | Information Integration for Electronic Commerce. Lecture Notes in Computer Science, 1999, , 189-206. | 1.3 | 3 |
| 63 | On the Notion of Goal in Business Process Models. Lecture Notes in Computer Science, 2018, , 139-151. | 1.3 | 3 |
| 64 | Semantic modeling and analysis of complex data-aware processes and their executions. Expert Systems With Applications, 2022, 198, 116702. | 7.6 | 3 |
| 65 | The Role of Semantic Annotations in Business Process Modelling. , 2014, , . | | 2 |
| 66 | Dynamic Team Formation in Executable Agent-Based Systems. , 2006, , 139-158. | | 2 |
| 67 | Multi-context Logicsâ€"A General Introduction. , 2014, , 381-399. | | 2 |
| 68 | Declarative Process Models: Different Ways to Be Hierarchical. Lecture Notes in Computer Science, 2016, , 104-119. | 1.3 | 2 |
| 69 | People-Centred Production Design. , 2017, , 113-166. | | 2 |
| 70 | Multilingual MoKi: How to Manage Multilingual Ontologies in a Wiki. Lecture Notes in Computer Science, 2013, , 162-166. | 1.3 | 2 |
| 71 | Solving reachability problems on data-aware workflows. Expert Systems With Applications, 2022, 189, 116059. | 7.6 | 2 |
| 72 | Using wrapper agents to answer queries in distributed information systems. , 0, , . | | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Expressive Ontology Learning as Neural Machine Translation. SSRN Electronic Journal, 0, , . | 0.4 | 1 |
| 74 | A Multi-objective Approach to Business Process Repair. Lecture Notes in Computer Science, 2014, , 32-46. | 1.3 | 1 |
| 75 | Developing an Ontology for Autonomous Entities in a Virtual Reality: The PRESTO Experience. Lecture Notes in Computer Science, 2015, , 3-16. | 1.3 | 1 |
| 76 | An Ontology for Supporting the Evolution of Virtual Reality Scenarios. Lecture Notes in Computer Science, 2016, , 33-44. | 1.3 | 1 |
| 77 | 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 |
| 78 | Guided entity reuse and class expression generator. , 2013, , . | | 0 |
| 79 | Bounded-Resource Reasoning as (Strong or Classical) Planning. Lecture Notes in Computer Science, 2009, , 77-96. | 1.3 | 0 |
| 80 | Achieving Interoperability through Semantic Technologies in the Public Administration. Lecture Notes in Computer Science, 2012, , 793-807. | 1.3 | 0 |
| 81 | Reasoning on Incomplete Execution Traces Using Action Languages â€“ A First Report. Lecture Notes in Computer Science, 2015, , 185-191. | 1.3 | 0 |
| 82 | Enhancing Workflow-Nets with Data for Trace Completion. Lecture Notes in Business Information Processing, 2018, , 89-106. | 1.0 | 0 |
| 83 | Selected papers from EKAW 2018. Semantic Web, 2020, 12, 3-4. | 1.9 | 0 |