Paolo Giorgini

List of Publications by Year
in descending order

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148 papers	4,884 citations	172207 29 h-index	118652 62 g-index
165 all docs	165 docs citations	165 times ranked	2192 citing authors

#	Article	IF	Citations
1	COPri v.2 â€" A core ontology for privacy requirements. Data and Knowledge Engineering, 2021, 133, 101888.	2.1	14
2	A data-driven, goal-oriented framework for process-focused enterprise re-engineering. Information Systems and E-Business Management, 2021, 19, 683-747.	2.2	3
3	Modelling the interplay of security, privacy and trust in sociotechnical systems: a computer-aided design approach. Software and Systems Modeling, 2020, 19, 467-491.	2.2	7
4	Lung ultrasonography for early management of patients with respiratory symptoms during COVID-19 pandemic. Journal of Ultrasound, 2020, 23, 449-456.	0.7	29
5	RT-BDI: A Real-Time BDI Model. Lecture Notes in Computer Science, 2020, , 16-29.	1.0	4
6	COPri - A Core Ontology for Privacy Requirements Engineering. Lecture Notes in Business Information Processing, 2020, , 472-489.	0.8	9
7	In-Time Explainability in Multi-Agent Systems: Challenges, Opportunities, and Roadmap. Lecture Notes in Computer Science, 2020, , 39-53.	1.0	9
8	An Ontology for Privacy Requirements via a Systematic Literature Review. Journal on Data Semantics, 2020, 9, 123-149.	2.0	9
9	Applying Acceptance Requirements to Requirements Modeling Tools via Gamification: A Case Study on Privacy and Security. Lecture Notes in Business Information Processing, 2020, , 366-376.	0.8	1
10	The Architecture of VisiOn Privacy Platform. Lecture Notes in Computer Science, 2020, , 54-76.	1.0	0
11	A Holistic Approach for Privacy Requirements Analysis: An Industrial Case Study. Lecture Notes in Computer Science, 2020, , 22-53.	1.0	0
12	Correction to: Visual Privacy Management. Lecture Notes in Computer Science, 2020, , C1-C1.	1.0	0
13	Consent Verification Under Evolving Privacy Policies. , 2019, , .		2
14	Design Thinking and Acceptance Requirements for Designing Gamified Software. , 2019, , .		14
15	Information quality requirements engineering with STS-IQ. Information and Software Technology, 2019, 107, 83-100.	3.0	6
16	Goal-oriented requirements engineering: an extended systematic mapping study. Requirements Engineering, 2019, 24, 133-160.	2.1	107
17	Multi-objective reasoning with constrained goal models. Requirements Engineering, 2018, 23, 189-225.	2.1	39
18	Analysis of information quality requirements in business processes, revisited. Requirements Engineering, 2018, 23, 227-249.	2.1	12

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19	Modeling and Reasoning About Privacy-Consent Requirements. Lecture Notes in Business Information Processing, 2018, , 238-254.	0.8	3
20	The Next Release Problem Revisited: A New Avenue for Goal Models. , 2018, , .		8
21	From Security-by-Design to the Identification of Security-Critical Deviations in Process Executions. Lecture Notes in Business Information Processing, 2018, , 218-234.	0.8	2
22	Designing secure business processes with SecBPMN. Software and Systems Modeling, 2017, 16, 737-757.	2.2	24
23	A Holistic Approach for Privacy Protection in E-Government. , 2017, , .		12
24	From Secure Business Process Modeling to Design-Level Security Verification. , 2017, , .		10
25	Gamification solutions for software acceptance: A comparative study of Requirements Engineering and Organizational Behavior techniques. , 2017, , .		11
26	Modeling and Reasoning on Requirements Evolution with Constrained Goal Models. Lecture Notes in Computer Science, 2017, , 70-86.	1.0	4
27	Towards an Ontology for Privacy Requirements via a Systematic Literature Review. Lecture Notes in Computer Science, 2017, , 193-208.	1.0	25
28	Toward GDPR-Compliant Socio-Technical Systems: Modeling Language and Reasoning Framework. Lecture Notes in Business Information Processing, 2017, , 236-250.	0.8	24
29	Information Security Risk Management. Lecture Notes in Business Information Processing, 2017, , 18-33.	0.8	2
30	Maintaining Secure Business Processes in Light of Socio-Technical Systems' Evolution. , 2016, , .		9
31	Goal-Oriented Requirements Engineering: A Systematic Literature Map. , 2016, , .		36
32	Privacy Requirements: Findings and Lessons Learned in Developing a Privacy Platform. , 2016, , .		14
33	Acceptance Requirements and Their Gamification Solutions. , 2016, , .		17
34	Solving the next adaptation problem with prometheus. , 2016, , .		4
35	Applying social norms to high-fidelity pedestrian and traffic simulations. , 2016, , .		4
36	Towards an Integrated Platform for Adaptive Socio-technical Systems for Smart Spaces. , 2016, , .		1

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37	Multi-objective risk analysis with goal models. , 2016, , .		3
38	Modeling Structured and Unstructured Processes: An Empirical Evaluation. Lecture Notes in Computer Science, 2016, , 347-361.	1.0	7
39	Requirements Evolution and Evolution Requirements with Constrained Goal Models. Lecture Notes in Computer Science, 2016, , 544-552.	1.0	8
40	Using Goal Models Downstream. International Journal of Information System Modeling and Design, 2015, 6, 1-42.	0.9	20
41	Social specifications of business processes with Azzurra. , 2015, , .		11
42	A goal-based approach for automated specification of Information Quality policies. , 2015, , .		1
43	Modeling and Reasoning about Information Quality Requirements in Business Processes. Lecture Notes in Business Information Processing, 2015, , 231-245.	0.8	4
44	Dealing with Information Quality Requirements. Lecture Notes in Business Information Processing, 2015, , 379-394.	0.8	5
45	Modelling and reasoning about security requirements in socio-technical systems. Data and Knowledge Engineering, 2015, 98, 123-143.	2.1	42
46	Modeling and Reasoning About Information Quality Requirements. Lecture Notes in Computer Science, 2015, , 49-64.	1.0	12
47	Analyzing Trust Requirements in Socio-Technical Systems: A Belief-Based Approach. Lecture Notes in Business Information Processing, 2015, , 254-270.	0.8	7
48	STS-Tool: Security Requirements Engineering for Socio-Technical Systems. Lecture Notes in Computer Science, 2014, , 65-96.	1.0	7
49	Modeling and Verifying Security Policies in Business Processes. Lecture Notes in Business Information Processing, 2014, , 200-214.	0.8	36
50	Requirements-driven deployment. Software and Systems Modeling, 2014, 13, 433-456.	2.2	13
51	Protos: Foundations for engineering innovative sociotechnical systems. , 2014, , .		24
52	Taking goal models downstream: A systematic roadmap. , 2014, , .		20
53	Modeling and verification of ATM security policies with SecBPMN. , 2014, , .		2
54	Exploring alternative designs for sociotechnical systems. , 2014, , .		6

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55	Threat Analysis in Goal-Oriented Security Requirements Modelling. International Journal of Secure Software Engineering, 2014, 5, 1-19.	0.4	8
56	Security and Trustworthiness Threats to Composite Services: Taxonomy, Countermeasures, and Research Directions. Lecture Notes in Computer Science, 2014, , 10-35.	1.0	1
57	The Socio-technical Security Requirements Modelling Language for Secure Composite Services. Lecture Notes in Computer Science, 2014, , 63-78.	1.0	1
58	Adaptive socio-technical systems: a requirements-based approach. Requirements Engineering, 2013, 18, 1-24.	2.1	112
59	Reasoning with contextual requirements: Detecting inconsistency and conflicts. Information and Software Technology, 2013, 55, 35-57.	3.0	58
60	Trust-based specification of sociotechnical systems. Data and Knowledge Engineering, 2013, 87, 339-353.	2.1	10
61	Modeling and Analyzing Information Integrity in Safety Critical Systems. Lecture Notes in Business Information Processing, 2013, , 524-529.	0.8	5
62	Managing Security Requirements Conflicts in Socio-Technical Systems. Lecture Notes in Computer Science, 2013, , 270-283.	1.0	24
63	A Formal Definition of Culture. Advances in Group Decision and Negotation, 2013, , 1-26.	0.1	18
64	BarterCell: An Agent-Based Bartering Service for Users of Pocket Computing Devices. Lecture Notes in Computer Science, 2013, , 236-245.	1.0	1
65	Service-driven negotiation for autonomous software agents in robotics-oriented multi-agent systems. , 2012, , .		0
66	STS-tool: Socio-technical Security Requirements through social commitments. , 2012, , .		14
67	Implicit: a multi-agent recommendation system for web search. Autonomous Agents and Multi-Agent Systems, 2012, 24, 141-174.	1.3	18
68	Optimizing Monitoring Requirements in Self-adaptive Systems. Lecture Notes in Business Information Processing, 2012, , 362-377.	0.8	7
69	Aligning Service-Oriented Architectures with Security Requirements. Lecture Notes in Computer Science, 2012, , 232-249.	1.0	5
70	Formative User-Centered Evaluation of Security Modeling. International Journal of Secure Software Engineering, 2012, 3, 1-19.	0.4	11
71	Aligning Software Configuration with Business and IT Context. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2012, , 206-221.	0.2	2
72	Security requirements engineering via commitments. , 2011, , .		22

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73	Requirements Evolution: From Assumptions to Reality. Lecture Notes in Business Information Processing, 2011, , 372-382.	0.8	14
74	Goal-driven risk assessment in requirements engineering. Requirements Engineering, 2011, 16, 101-116.	2.1	80
75	Social Software Product Lines. , 2011, , .		3
76	Implicit Culture Framework for Behavior Transfer. , 2011, , 213-241.		0
77	A goal-based framework for contextual requirements modeling and analysis. Requirements Engineering, 2010, 15, 439-458.	2.1	173
78	An architectural description language for secure Multi-Agent Systems. Web Intelligence and Agent Systems, 2010, 8, 99-122.	0.4	2
79	Adaptation in Open Systems: Giving Interaction Its Rightful Place. Lecture Notes in Computer Science, 2010, , 31-45.	1.0	10
80	Modeling and Reasoning about Service-Oriented Applications via Goals and Commitments. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2010, , 113-128.	0.2	27
81	Multi-dimensional Uncertainty Analysis in Secure and Dependable Domain. , 2010, , .		3
82	Business Processes Contextualisation via Context Analysis. Lecture Notes in Computer Science, 2010, , 471-476.	1.0	14
83	Extending Organizational Modeling with Business Services Concepts: An Overview of the Proposed Architecture. Lecture Notes in Computer Science, 2010, , 483-488.	1.0	8
84	COMPRO: A Methodological Approach for Business Process Contextualisation. Lecture Notes in Computer Science, 2010, , 132-149.	1.0	11
85	Balancing Business Perspectives in Requirements Analysis. Communications in Computer and Information Science, 2010, , 47-59.	0.4	0
86	Requirements as Goals and Commitments Too. , 2010, , 137-153.		5
87	Designing socio-technical systems: from stakeholder goals to social networks. Requirements Engineering, 2009, 14, 47-70.	2.1	43
88	Towards a Unified Framework for Contextual Variability in Requirements. , 2009, , .		8
89	Simulating BDI-Based Wireless Sensor Networks. , 2009, , .		8
90	An Architecture for Requirements-Driven Self-reconfiguration. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2009, , 246-260.	0.2	28

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91	Supporting Requirements Analysis in Tropos: A Planning-Based Approach. Lecture Notes in Computer Science, 2009, , 243-254.	1.0	4
92	A Goal Modeling Framework for Self-contextualizable Software. Lecture Notes in Business Information Processing, 2009, , 326-338.	0.8	19
93	GRAnD: A goal-oriented approach to requirement analysis in data warehouses. Decision Support Systems, 2008, 45, 4-21.	3.5	160
94	Analyzing Business Continuity through a Multi-layers Model. Lecture Notes in Computer Science, 2008, , 212-227.	1.0	17
95	An evaluation of business solutions in manufacturing enterprises. International Journal of Business Intelligence and Data Mining, 2008, 3, 305.	0.2	3
96	Location-Based Variability for Mobile Information Systems. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2008, , 575-578.	0.2	5
97	Location-Based Software Modeling and Analysis: Tropos-Based Approach. Lecture Notes in Computer Science, 2008, , 169-182.	1.0	13
98	Increasing Interactivity in Agent-based Advanced Pocket-Device Service Application. , 2008, , 103-113.		0
99	Modeling and Analyzing Variability for Mobile Information Systems. Lecture Notes in Computer Science, 2008, , 291-306.	1.0	2
100	Reasoning About Risk in Agentâ€™s Deliberation Process: A Jadex Implementation. , 2008, , 118-131.		1
101	SECURE TROPOS: A SECURITY-ORIENTED EXTENSION OF THE TROPOS METHODOLOGY. International Journal of Software Engineering and Knowledge Engineering, 2007, 17, 285-309.	0.6	294
102	Secure and dependable patterns in organizations: an empirical approach. , 2007, , .		13
103	IC-service. , 2007, , .		10
104	Auctions Negotiation for Mobile Rideshare Service. , 2007, , .		9
105	From Trust to Dependability through Risk Analysis. , 2007, , .		45
106	Improving Web Service Discovery with Usage Data. IEEE Software, 2007, 24, 47-54.	2.1	37
107	Security Attack Testing (SAT)â€”testing the security of information systems at design time. Information Systems, 2007, 32, 1166-1183.	2.4	36
108	Detecting Conflicts of Interest. , 2006, , .		6

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109	Multi-Agent Architectures as Organizational Structures. Autonomous Agents and Multi-Agent Systems, 2006, 13, 3-25.	1.3	75
110	Requirements engineering for trust management: model, methodology, and reasoning. International Journal of Information Security, 2006, 5, 257-274.	2.3	80
111	A multi-agent system that facilitates scientific publications search. , 2006, , .		6
112	MODELING SECURE SYSTEMS USING AN AGENT-ORIENTED APPROACH AND SECURITY PATTERNS. International Journal of Software Engineering and Knowledge Engineering, 2006, 16, 471-498.	0.6	34
113	From Early to Late Requirements: A Goal-Based Approach. , 2006, , 123-142.		6
114	Designing Cooperative IS: Exploring and Evaluating Alternatives. Lecture Notes in Computer Science, 2006, , 533-550.	1.0	16
115	Using Risk Analysis to Evaluate Design Alternatives. , 2006, , 140-155.		6
116	ToothAgent: A Multi-agent System for Virtual Communities Support. , 2006, , 212-230.		6
117	Goal-oriented requirements analysis and reasoning in the Tropos methodology. Engineering Applications of Artificial Intelligence, 2005, 18, 159-171.	4.3	158
118	When security meets software engineering: a case of modelling secure information systems. Information Systems, 2005, 30, 609-629.	2.4	93
119	Modeling Social and Individual Trust in Requirements Engineering Methodologies. Lecture Notes in Computer Science, 2005, , 161-176.	1.0	16
120	Software engineering for large-scale multi-agent systems - SELMAS'05. , 2005, , .		1
121	Software Engineering for Large-Scale Multi-Agent Systems - SELMAS 2005. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2005, 30, 1-8.	0.5	0
122	Security and Trust Requirements Engineering. Lecture Notes in Computer Science, 2005, , 237-272.	1.0	36
123	Software engineering for large-scale multi-agent systems - SELMAS'05. , 2005, , .		0
124	Implicit. , 2005, , .		32
125	Goal-oriented requirement analysis for data warehouse design. , 2005, , .		126
126	Security Patterns Meet Agent Oriented Software Engineering: A Complementary Solution for Developing Secure Information Systems. Lecture Notes in Computer Science, 2005, , 225-240.	1.0	12

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127	Tropos. , 2005, , 20-45.		25
128	Agent-Oriented Methodologies. , 2005, , 1-19.		14
129	Simple and Minimum-Cost Satisfiability for Goal Models. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2004, , 20-35.	0.2	71
130	Tropos: An Agent-Oriented Software Development Methodology. Autonomous Agents and Multi-Agent Systems, 2004, 8, 203-236.	1.3	1,175
131	Multi-agent Systems and Security Requirements Analysis. Lecture Notes in Computer Science, 2004, , 35-48.	1.0	15
132	Requirements Engineering Meets Trust Management. Lecture Notes in Computer Science, 2004, , 176-190.	1.0	39
133	Filling the Gap between Requirements Engineering and Public Key/Trust Management Infrastructures. Lecture Notes in Computer Science, 2004, , 98-111.	1.0	10
134	Distributed Belief Revision. Autonomous Agents and Multi-Agent Systems, 2003, 6, 115-143.	1.3	12
135	Formal Reasoning Techniques for Goal Models. Lecture Notes in Computer Science, 2003, , 1-20.	1.0	78
136	Requirement Engineering Meets Security: A Case Study on Modelling Secure Electronic Transactions by VISA and Mastercard. Lecture Notes in Computer Science, 2003, , 263-276.	1.0	30
137	Modelling secure multiagent systems. , 2003, , .		35
138	Agent-Oriented software engineering report on the 4 th AOSE workshop (AOSE 2003). SIGMOD Record, 2003, 32, 117-119.	0.7	2
139	Organizational Patterns for Early Requirements Analysis. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2003, , 617-632.	0.2	46
140	Information systems development through social structures. , 2002, , .		22
141	A Goal-Based Organizational Perspective on Multi-agent Architectures. Lecture Notes in Computer Science, 2002, , 128-140.	1.0	41
142	Reasoning with Goal Models. Lecture Notes in Computer Science, 2002, , 167-181.	1.0	144
143	Belief Revision as Applied within a Descriptive Model of Jury Deliberations. Information and Communications Technology Law, 2001, 10, 53-65.	1.0	6
144	A knowledge level software engineering methodology for agent oriented programming. , 2001, , .		83

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145	Information systems as social structures. , 2001, , .		23
146	Information access in implicit culture framework. , 2001, , .		4
147	Implicit Culture for Multi-agent Interaction Support. Lecture Notes in Computer Science, 2001, , 27-39.	1.0	12
148	Threat Analysis in Goal-Oriented Security Requirements Modelling. , 0, , 2025-2042.		5