

# Giorgio Terracina

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

1,260  
citations

394286

19  
h-index

454834

30  
g-index

109  
all docs

109  
docs citations

109  
times ranked

1068  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recommendation of similar users, resources and social networks in a Social Internetworking Scenario. Information Sciences, 2011, 181, 1285-1305.	4.0	83
2	Short-long term anomaly detection in wireless sensor networks based on machine learning and multi-parameterized edit distance. Information Fusion, 2019, 52, 13-30.	11.7	80
3	Biomedical Data Augmentation Using Generative Adversarial Neural Networks. Lecture Notes in Computer Science, 2017, , 626-634.	1.0	76
4	A framework for anomaly detection and classification in Multiple IoT scenarios. Future Generation Computer Systems, 2021, 114, 322-335.	4.9	67
5	The INFOMIX system for advanced integration of incomplete and inconsistent data. , 2005, , .		49
6	Classification of Multiple Sclerosis Clinical Profiles via Graph Convolutional Neural Networks. Frontiers in Neuroscience, 2019, 13, 594.	1.4	49
7	Uniform techniques for deriving similarities of objects and subschemes in heterogeneous databases. IEEE Transactions on Knowledge and Data Engineering, 2003, 15, 271-294.	4.0	41
8	An XML-Based Multiagent System for Supporting Online Recruitment Services. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2007, 37, 464-480.	3.4	38
9	Personalizing learning programs with X-Learn, an XML-based, "user-device" adaptive multi-agent system. Information Sciences, 2007, 177, 1729-1770.	4.0	33
10	Experimenting with recursive queries in database and logic programming systems. Theory and Practice of Logic Programming, 2008, 8, 129-165.	1.1	30
11	DIKE: a system supporting the semi-automatic construction of cooperative information systems from heterogeneous databases. Software - Practice and Experience, 2003, 33, 847-884.	2.5	29
12	Integration of XML Schemas at various "severity" levels. Information Systems, 2006, 31, 397-434.	2.4	29
13	Enhanced air quality prediction by edge-based spatiotemporal data preprocessing. Computers and Electrical Engineering, 2021, 96, 107572.	3.0	29
14	An approach to compute the scope of a social object in a Multi-IoT scenario. Pervasive and Mobile Computing, 2020, 67, 101223.	2.1	27
15	How Dramatic Events Can Affect Emotionality in Social Posting: The Impact of COVID-19 on Reddit. Future Internet, 2021, 13, 29.	2.4	27
16	Discovering Representative Models in Large Time Series Databases. Lecture Notes in Computer Science, 2004, , 84-97.	1.0	22
17	Generalizing identity-based string comparison metrics: Framework and techniques. Knowledge-Based Systems, 2020, 187, 104820.	4.0	22
18	The Third Answer Set Programming Competition: Preliminary Report of the System Competition Track. Lecture Notes in Computer Science, 2011, , 388-403.	1.0	22

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19	Intensional and extensional integration and abstraction of heterogeneous databases. Data and Knowledge Engineering, 2000, 35, 201-237.	2.1	21
20	A unified graph-based framework for deriving nominal interscheme properties, type conflicts and object cluster similarities. , 1999, , .		20
21	EC-XAMAS: SUPPORTING E-COMMERCE ACTIVITIES BY AN XML-BASED ADAPTIVE MULTI-AGENT SYSTEM. Applied Artificial Intelligence, 2007, 21, 529-562.	2.0	19
22	Mining Loosely Structured Motifs from Biological Data. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 1472-1489.	4.0	17
23	Efficiently Querying RDF(S) Ontologies with Answer Set Programming. Journal of Logic and Computation, 2009, 19, 671-695.	0.5	16
24	A graph-based approach for extracting terminological properties of elements of XML documents. , 0, , .		15
25	Improving protein secondary structure predictions by prediction fusion. Information Fusion, 2009, 10, 217-232.	11.7	15
26	Optic Disc Detection Using Fine Tuned Convolutional Neural Networks. , 2016, , .		15
27	An automated string-based approach to extracting and characterizing White Matter fiber-bundles. Computers in Biology and Medicine, 2016, 77, 64-75.	3.9	15
28	A Logic-Based Framework Leveraging Neural Networks for Studying the Evolution of Neurological Disorders. Theory and Practice of Logic Programming, 2021, 21, 80-124.	1.1	14
29	A multisensor data fusion algorithm using the hidden correlations in Multiapplication Wireless Sensor data streams. , 2017, , .		13
30	A Model-Guided String-Based Approach to White Matter Fiber-Bundles Extraction. Lecture Notes in Computer Science, 2015, , 135-144.	1.0	13
31	Experiences using DIKE, a system for supporting cooperative information system and data warehouse design. Information Systems, 2003, 28, 835-865.	2.4	12
32	A graph-based approach for extracting terminological properties from information sources with heterogeneous formats. Knowledge and Information Systems, 2005, 8, 462-497.	2.1	12
33	Taming primary key violations to query large inconsistent data via ASP. Theory and Practice of Logic Programming, 2015, 15, 696-710.	1.1	12
34	Discovery of Hidden Correlations between Heterogeneous Wireless Sensor Data Streams. Lecture Notes in Computer Science, 2014, , 383-395.	1.0	12
35	An approach to detect backbones of information diffusers among different communities of a social platform. Data and Knowledge Engineering, 2022, 140, 102048.	2.1	12
36	Fast Query Answering over Existential Rules. ACM Transactions on Computational Logic, 2019, 20, 1-48.	0.7	11

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37	Consistent query answering via ASP from different perspectives: Theory and practice. Theory and Practice of Logic Programming, 2013, 13, 227-252.	1.1	10
38	An automated string-based approach to White Matter fiber-bundles clustering. , 2015, , .		10
39	Information diffusion in a multi-social-network scenario; framework and ASP-based analysis. Knowledge and Information Systems, 2016, 48, 619-648.	2.1	10
40	Investigating Reddit to detect subreddit and author stereotypes and to evaluate author assortativity. Journal of Information Science, 2022, 48, 783-810.	2.0	10
41	A novel three-level architecture for large data warehouses. Journal of Systems Architecture, 2002, 47, 937-958.	2.5	8
42	CooPPS: A SYSTEM FOR THE COOPERATIVE PREDICTION OF PROTEIN STRUCTURES. Journal of Bioinformatics and Computational Biology, 2004, 02, 471-495.	0.3	8
43	A framework for abstracting data sources having heterogeneous representation formats. Data and Knowledge Engineering, 2004, 48, 1-38.	2.1	8
44	Frequency-based similarity for parameterized sequences: Formal framework, algorithms, and applications. Information Sciences, 2013, 237, 176-195.	4.0	8
45	A uniform methodology for extracting type conflicts and subscheme similarities from heterogeneous databases. Information Systems, 2000, 25, 527-552.	2.4	7
46	A Lightweight Approach to Extract Interschema Properties from Structured, Semi-Structured and Unstructured Sources in a Big Data Scenario. International Journal of Information Technology and Decision Making, 2020, 19, 849-889.	2.3	7
47	A multi-agent system for supporting the prediction of protein structures. Integrated Computer-Aided Engineering, 2004, 11, 259-280.	2.5	6
48	An Approach for Deriving a Global Representation of Data Sources Having Different Formats and Structures. Knowledge and Information Systems, 2004, 6, 42-82.	2.1	6
49	An agent-based approach for managing e-commerce activities. International Journal of Intelligent Systems, 2004, 19, 385-416.	3.3	6
50	A Multi-Agent System for the management of E-Government Services. , 0, , .		6
51	“Almost Automatic” and Semantic Integration of XML Schemas at Various “Severity” Levels. Lecture Notes in Computer Science, 2003, , 4-21.	1.0	6
52	DLV DB : Bridging the Gap between ASP Systems and DBMSs. Lecture Notes in Computer Science, 2003, , 341-345.	1.0	6
53	Title is missing!. Annals of Mathematics and Artificial Intelligence, 2003, 39, 385-430.	0.9	5
54	Extraction of synonymies,hyponymies,overlappings and homonymies from XML schemas at various "severity" levels. , 0, , .		5

#	ARTICLE	IF	CITATIONS
55	Prediction of Multiple Sclerosis Patient Disability from Structural Connectivity using Convolutional Neural Networks. , 2019, 2019, 2087-2090.		5
56	A Model and a Toolkit for Supporting Incremental Data Warehouse Construction. Lecture Notes in Computer Science, 2002, , 123-132.	1.0	5
57	Enhancing a DLP System for Advanced Database Applications. Lecture Notes in Computer Science, 2008, , 119-134.	1.0	5
58	Magic-Sets for Datalog with Existential Quantifiers. Lecture Notes in Computer Science, 2012, , 31-43.	1.0	5
59	Flexible Pattern Discovery with (Extended) Disjunctive Logic Programming. Lecture Notes in Computer Science, 2005, , 504-513.	1.0	4
60	Mixing Logic Programming and Neural Networks to Support Neurological Disorders Analysis. Lecture Notes in Computer Science, 2018, , 33-47.	1.0	4
61	Improving QuickBundles to Extract Anatomically Coherent White Matter Fiber-Bundles. Lecture Notes in Computer Science, 2016, , 633-641.	1.0	3
62	Optimizing the Distributed Evaluation of Stratified Programs via Structural Analysis. Lecture Notes in Computer Science, 2011, , 217-222.	1.0	3
63	A Semi-automatic Technique for Constructing a Global Representation of Information Sources Having Different Formats and Structure. Lecture Notes in Computer Science, 2001, , 734-743.	1.0	3
64	Representation, detection and usage of the content semantics of comments in a social platform. Journal of Information Science, 0, , 016555152210876.	2.0	3
65	A technique for deriving hyponymies and overlappings from database schemes. Data and Knowledge Engineering, 2002, 40, 285-314.	2.1	2
66	An XML-based multi-agent system for the user-oriented management of QoS in telecommunications networks. , 0, , .		2
67	JSSPrediction: a Framework to Predict Protein Secondary Structures Using Integration. , 2006, , .		2
68	An ASP-Based Data Integration System. Lecture Notes in Computer Science, 2009, , 528-534.	1.0	2
69	A tensor-based mutation operator for Neuroevolution of Augmenting Topologies (NEAT). , 2017, , .		2
70	High Performance Computation for the Multi-Parameterized Edit Distance. , 2018, , .		2
71	An Approach for Clustering Semantically Heterogeneous XML Schemas. Lecture Notes in Computer Science, 2005, , 329-346.	1.0	2
72	Discovering Frequent Structured Patterns from String Databases: An Application to Biological Sequences. Lecture Notes in Computer Science, 2002, , 34-46.	1.0	2

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73	Investigating Information Diffusion in a Multi-Social-Network Scenario via Answer Set Programming. Lecture Notes in Computer Science, 2014, , 191-196.	1.0	2
74	An XML-Based Adaptive Multi-agent System for Handling E-commerce Activities. Lecture Notes in Computer Science, 2003, , 152-166.	1.0	2
75	Semantics-Guided Clustering of Heterogeneous XML Schemas. Lecture Notes in Computer Science, 2007, , 39-81.	1.0	2
76	Title is missing!. World Wide Web, 2003, 6, 375-399.	2.7	1
77	A multi-agent system for managing the quality of service in telecommunications networks. Journal of Systems Science and Systems Engineering, 2005, 14, 129-158.	0.8	1
78	A new network-based approach to investigating neurological disorders. International Journal of Data Mining, Modelling and Management, 2019, 11, 315.	0.1	1
79	A General Approach to Uniformly Handle Different String Metrics Based on Heterogeneous Alphabets. IEEE Access, 2020, 8, 45231-45243.	2.6	1
80	Semi-automatic extraction of hyponymies and overlappings from heterogeneous database schemes. Lecture Notes in Computer Science, 2000, , 614-623.	1.0	1
81	Protein Structure Metapredictors. , 2013, , 1781-1785.		1
82	PROTEIN SECONDARY STRUCTURE PREDICTION: HOW TO IMPROVE ACCURACY BY INTEGRATION. , 2006, , .		1
83	Supporting User-Profiled Semantic Web-Oriented Search. Lecture Notes in Computer Science, 2001, , 26-31.	1.0	1
84	Using Sentiment Analysis and Automated Reasoning to Boost Smart Lighting Systems. Lecture Notes in Computer Science, 2019, , 69-78.	1.0	1
85	A new network-based approach to investigating neurological disorders. International Journal of Data Mining, Modelling and Management, 2019, 11, 315.	0.1	1
86	A FAST TECHNIQUE FOR DERIVING FREQUENT STRUCTURED PATTERNS FROM BIOLOGICAL DATA SETS. New Mathematics and Natural Computation, 2005, 01, 305-327.	0.4	0
87	Efficient discovery of loosely structured motifs in biological data. , 2006, , .		0
88	How Metadata Can Support the Study of Neurological Disorders: An Application to the Alzheimerâ€™s Disease. Communications in Computer and Information Science, 2018, , 153-164.	0.4	0
89	Algorithms for Strings and Sequences: Searching Motifs. , 2019, , 15-21.		0
90	Deriving â€œSub-sourceâ€ Similarities from Heterogeneous, Semi-structured Information Sources. Lecture Notes in Computer Science, 2001, , 163-178.	1.0	0

#	ARTICLE	IF	CITATIONS
91	A Plausibility Description Logics for Reasoning with Information Sources Having Different Formats and Structures. Lecture Notes in Computer Science, 2002, , 46-54.	1.0	0
92	Adding Efficient Data Management to Logic Programming Systems. Lecture Notes in Computer Science, 2006, , 524-533.	1.0	0
93	A Multi-Agent System for Handling Adaptive E-Services. , 2009, , 1346-1351.		0
94	Experimental Evaluation of Protein Secondary Structure Predictors. Lecture Notes in Computer Science, 2009, , 848-857.	1.0	0
95	L-SME: A System for Mining Loosely Structured Motifs. Lecture Notes in Computer Science, 2011, , 621-625.	1.0	0
96	Distributed Ontology Based Data Access via Logic Programming. Lecture Notes in Computer Science, 2012, , 205-208.	1.0	0
97	An Integrated Environment for Reasoning over Ontologies via Logic Programming. Lecture Notes in Computer Science, 2013, , 253-258.	1.0	0
98	Integrating QuickBundles into a Model-Guided Approach for Extracting "Anatomically-Coherent" and "Symmetry-Aware" White Matter Fiber-Bundles. Smart Innovation, Systems and Technologies, 2018, , 39-46.	0.5	0
99	Applying Network Analysis for Extracting Knowledge About Environment Changes from Heterogeneous Sensor Data Streams. Smart Innovation, Systems and Technologies, 2019, , 179-190.	0.5	0
100	An Answer Set Programming Based Framework for High-Utility Pattern Mining Extended with Facets and Advanced Utility Functions. Lecture Notes in Computer Science, 2021, , 126-141.	1.0	0