Domenico Ursino

List of Publications by Year
in descending order

124 papers	1,581 citations	361296 20 h-index	414303 32 g-index
127 all docs	127 docs citations	127 times ranked	1091 citing authors

#	Article	IF	Citations
1	Integrative bioinformatics and omics data source interoperability in the next-generation sequencing eraâ€"Editorial. Briefings in Bioinformatics, 2021, 22, 1-2.	3.2	92
2	Recommendation of similar users, resources and social networks in a Social Internetworking Scenario. Information Sciences, 2011, 181, 1285-1305.	4.0	83
3	A framework for anomaly detection and classification in Multiple IoT scenarios. Future Generation Computer Systems, 2021, 114, 322-335.	4.9	67
4	A query expansion and user profile enrichment approach to improve the performance of recommender systems operating on a folksonomy. User Modeling and User-Adapted Interaction, 2010, 20, 41-86.	2.9	53
5	Bridge analysis in a Social Internetworking Scenario. Information Sciences, 2013, 224, 1-18.	4.0	43
6	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
7	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
8	Exploitation of semantic relationships and hierarchical data structures to support a user in his annotation and browsing activities in folksonomies. Information Systems, 2009, 34, 511-535.	2.4	38
9	Discovering missing me edges across social networks. Information Sciences, 2015, 319, 18-37.	4.0	37
10	Discovering Links among Social Networks. Lecture Notes in Computer Science, 2012, , 467-482.	1.0	35
11	Adaptively controlling the qos of multimedia wireless applications through "user profiling" techniques. IEEE Journal on Selected Areas in Communications, 2003, 21, 1546-1556.	9.7	34
12	Personalizing learning programs with X-Learn, an XML-based, â€œuser-deviceâ€•adaptive multi-agent system. Information Sciences, 2007, 177, 1729-1770.	4.0	33
13	Integration of the HL7 Standard in a Multiagent System to Support Personalized Access to e-Health Services. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 1244-1260.	4.0	32
14	The MIoT paradigm: Main features and an â€œad-hocâ€•crawler. Future Generation Computer Systems, 2019, 92, 29-42.	4.9	31
15	Recommendation of reliable users, social networks and high-quality resources in a Social Internetworking System. AI Communications, 2011, 24, 31-50.	0.8	30
16	Moving from social networks to social internetworking scenarios: The crawling perspective. Information Sciences, 2014, 256, 126-137.	4.0	30
17	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
18	Integration of XML Schemas at various â€œseverityâ€•levels. Information Systems, 2006, 31, 397-434.	2.4	29

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19	An automatic technique for detecting type conflicts in database schemes. , 1998, , .		27
20	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
21	A privacy-preserving approach to prevent feature disclosure in an IoT scenario. Future Generation Computer Systems, 2020, 105, 502-519.	4.9	25
22	Generalizing identity-based string comparison metrics: Framework and techniques. Knowledge-Based Systems, 2020, 187, 104820.	4.0	22
23	Intensional and extensional integration and abstraction of heterogeneous databases. Data and Knowledge Engineering, 2000, 35, 201-237.	2.1	21
24	An approach to extracting complex knowledge patterns among concepts belonging to structured, semi-structured and unstructured sources in a data lake. Information Sciences, 2019, 478, 606-626.	4.0	21
25	A decision support system for designing new services tailored to citizen profiles in a complex and distributed e-government scenario. Data and Knowledge Engineering, 2008, 67, 161-184.	2.1	20
26	EC-XAMAS: SUPPORTING E-COMMERCE ACTIVITIES BY AN XML-BASED ADAPTIVE MULTI-AGENT SYSTEM. Applied Artificial Intelligence, 2007, 21, 529-562.	2.0	19
27	Analysis of QoS in cooperative services for real time applications. Data and Knowledge Engineering, 2008, 67, 463-484.	2.1	19
28	An approach to providing a user of a "social folksonomy" with recommendations of similar users and potentially interesting resources. Knowledge-Based Systems, 2011, 24, 1277-1296.	4.0	19
29	A New Metadata Model to Uniformly Handle Heterogeneous Data Lake Sources. Communications in Computer and Information Science, 2018, , 165-177.	0.4	19
30	Investigating negative reviews and detecting negative influencers in Yelp through a multi-dimensional social network based model. International Journal of Information Management, 2021, 60, 102377.	10.5	19
31	A two-tier Blockchain framework to increase protection and autonomy of smart objects in the IoT. Computer Communications, 2022, 181, 338-356.	3.1	19
32	PHIS: A system for scouting potential hubs and for favoring their "growth" in a Social Internetworking Scenario. Knowledge-Based Systems, 2012, 36, 288-299.	4.0	18
33	XML Matchers: Approaches and challenges. Knowledge-Based Systems, 2014, 66, 190-209.	4.0	18
34	An Approach to Extracting Topic-guided Views from the Sources of a Data Lake. Information Systems Frontiers, 2021, 23, 243-262.	4.1	17
35	Finding reliable users and social networks in a social internetworking system. , 2009, , .		16
36	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

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37	Semi-automatic techniques for deriving interscheme properties from database schemes. Data and Knowledge Engineering, 1999, 30, 239-273.	2.1	13
38	Investigating the phenomenon of NSFW posts in Reddit. Information Sciences, 2021, 566, 140-164.	4.0	13
39	A Model-Guided String-Based Approach to White Matter Fiber-Bundles Extraction. Lecture Notes in Computer Science, 2015, , 135-144.	1.0	13
40	A Social Network Analysisâ€"based approach to investigate user behaviour during a cryptocurrency speculative bubble. Journal of Information Science, 2023, 49, 1060-1085.	2.0	13
41	Experiences using DIKE, a system for supporting cooperative information system and data warehouse design. Information Systems, 2003, 28, 835-865.	2.4	12
42	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
43	Crawling Social Internetworking Systems. , 2012, , .		12
44	X-Compass: An XML Agent for Supporting User Navigation on the Web. Lecture Notes in Computer Science, 2002, , 197-211.	1.0	12
45	Driving Global Team Formation in Social Networks to Obtain Diversity. Lecture Notes in Computer Science, 2014, , 410-419.	1.0	12
46	Defining user spectra to classify Ethereum users based on their behavior. Journal of Big Data, 2022, 9, .	6.9	12
47	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
48	DLP: A description logic for extracting and managing complex terminological and structural properties from database schemes. Information Systems, 1999, 24, 401-424.	2.4	11
49	Building Topic-Driven Virtual IoTs in a Multiple IoTs Scenario. Sensors, 2019, 19, 2956.	2.1	11
50	Defining and detecting k-bridges in a social network: The Yelp case, and more. Knowledge-Based Systems, 2020, 195, 105721.	4.0	11
51	Effective retrieval of resources in folksonomies using a new tag similarity measure. , 2011, , .		10
52	An automated string-based approach to White Matter fiber-bundles clustering. , 2015, , .		10
53	Information diffusion in a multi-social-network scenario: framework and ASP-based analysis. Knowledge and Information Systems, 2016, 48, 619-648.	2.1	10
54	Investigating Reddit to detect subreddit and author stereotypes and to evaluate author assortativity. Journal of Information Science, 2022, 48, 783-810.	2.0	10

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55	Extraction and analysis of text patterns from NSFW adult content in Reddit. Data and Knowledge Engineering, 2022, 138, 101979.	2.1	10
56	Bilateral semantic negotiation: a decentralised approach to ontology enrichment in open multi-agent systems. International Journal of Data Mining, Modelling and Management, 2012, 4, 1.	0.1	9
57	A system for extracting structural information from Social Network accounts. Software - Practice and Experience, 2015, 45, 1251-1275.	2.5	9
58	An approach to evaluate trust and reputation of things in a Multi-IoTs scenario. Computing (Vienna/New York), 2020, 102, 2257-2298.	3.2	9
59	A novel three-level architecture for large data warehouses. Journal of Systems Architecture, 2002, 47, 937-958.	2.5	8
60	A framework for abstracting data sources having heterogeneous representation formats. Data and Knowledge Engineering, 2004, 48, 1-38.	2.1	8
61	A machine learning based sentient multimedia framework to increase safety at work. Multimedia Tools and Applications, 2022, 81, 141-169.	2.6	8
62	A User Behavior-Based Agent for Improving Web Usage. Lecture Notes in Computer Science, 2002, , 1168-1185.	1.0	8
63	A uniform methodology for extracting type conflicts and subscheme similarities from heterogeneous databases. Information Systems, 2000, 25, 527-552.	2.4	7
64	An approach for the extensional integration of data sources with heterogeneous representation formats. Data and Knowledge Engineering, 2003, 45, 291-331.	2.1	7
65	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
66	New Approaches to Extract Information From Posts on COVID-19 Published on Reddit. International Journal of Information Technology and Decision Making, 2022, 21, 1385-1431.	2.3	7
67	A multi-agent system for supporting the prediction of protein structures. Integrated Computer-Aided Engineering, 2004, 11, 259-280.	2.5	6
68	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
69	An agent-based approach for managing e-commerce activities. International Journal of Intelligent Systems, 2004, 19, 385-416.	3.3	6
70	Dealing with semantic heterogeneity for improving Web usage. Data and Knowledge Engineering, 2006, 58, 436-465.	2.1	6
71	Improving agent interoperability via the automatic enrichment of multi-category ontologies. Web Intelligence and Agent Systems, 2011, 9, 291-318.	0.4	6
72	Leveraging linked entities to estimate focus time of short texts. , 2018, , .		6

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73	SaveMeNow.AI: A Machine Learning Based Wearable Device for Fall Detection in a Workplace. Studies in Computational Intelligence, 2021, , 493-514.	0.7	6
74	Measuring Betweenness Centrality in Social Internetworking Scenarios. Lecture Notes in Computer Science, 2013, , 666-673.	1.0	6
75	Title is missing!. Annals of Mathematics and Artificial Intelligence, 2003, 39, 385-430.	0.9	5
76	Dependable Recommendations in Social Internetworking. , 2009, , .		5
77	Internetworking Assortativity in Facebook. , 2013, , .		4
78	A conceptual framework for community detection, characterisation and membership in a social internetworking scenario. International Journal of Data Mining, Modelling and Management, 2014, 6, 22.	0.1	4
79	A paradigm for the cooperation of objects belonging to different IoTs. , 2018, , .		4
80	A well-tailored centrality measure for evaluating patents and their citations. Journal of Documentation, 2019, 75, 750-772.	0.9	4
81	Deriving Type Conflicts and Object Cluster Similarities in Database Schemes by an Automatic and Semantic Approach. Lecture Notes in Computer Science, 1999, , 46-60.	1.0	4
82	A team building and team update system in a projectised organisation scenario. International Journal of Data Mining, Modelling and Management, 2010, 2, 22.	0.1	3
83	Supporting Information Spread in a Social Internetworking Scenario. Lecture Notes in Computer Science, 2013, , 200-214.	1.0	3
84	Improving QuickBundles to Extract Anatomically Coherent White Matter Fiber-Bundles. Lecture Notes in Computer Science, 2016, , 633-641.	1.0	3
85	A social network analysis based approach to extracting knowledge patterns about innovation geography from patent databases. International Journal of Data Mining, Modelling and Management, 2018, 10, 23.	0.1	3
86	A network analysis based approach to characterizing periodic sharp wave complexes in electroencephalograms of patients with sporadic CJD. International Journal of Medical Informatics, 2019, 121, 19-29.	1.6	3
87	Querying the IoT Using Multiresolution Contexts. IEEE Internet of Things Journal, 2021, 8, 6127-6139.	5.5	3
88	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
89	Fine-tuning SalGAN and PathGAN for extending saliency map and gaze path prediction from natural images to websites. Expert Systems With Applications, 2022, 191, 116282.	4.4	3
90	Representation, detection and usage of the content semantics of comments in a social platform. Journal of Information Science, 0, , 016555152210876.	2.0	3

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91	A technique for deriving hyponymies and overlappings from database schemes. Data and Knowledge Engineering, 2002, 40, 285-314.	2.1	2
92	WAQM: managing QoS in wireless networks by means of an XML-based multiagent system. International Journal of Wireless and Mobile Computing, 2007, 2, 132.	0.1	2
93	A Framework for Using Web Services to Enhance QoS for Content Delivery. IEEE MultiMedia, 2009, 16, 26-35.	1.5	2
94	A complex network-based approach to detecting and characterizing ictal states in patients with Childhood Absence Epilepsy. , 2017, , .		2
95	A new social network analysis-based approach to extracting knowledge patterns about research activities and hubs in a set of countries. International Journal of Business Innovation and Research, 2018, 17, 147.	0.1	2
96	Leveraging network analysis to support experts in their analyses of subjects with MCI and AD. Medical and Biological Engineering and Computing, 2019, 57, 1961-1983.	1.6	2
97	Automatic and Semantic Techniques for Scheme Integration and Scheme Abstraction. Lecture Notes in Computer Science, 1999, , 511-520.	1.0	2
98	Investigating Information Diffusion in a Multi-Social-Network Scenario via Answer Set Programming. Lecture Notes in Computer Science, 2014, , 191-196.	1.0	2
99	Extracting time patterns from the lifespans of TikTok challenges to characterize non-dangerous and dangerous ones. Social Network Analysis and Mining, 2022, 12, .	1.9	2
100	Title is missing!. World Wide Web, 2003, 6, 375-399.	2.7	1
101	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
102	Combining Description Logics with synopses for inferring complex knowledge patterns from XML sources. Information Systems, 2007, 32, 1184-1224.	2.4	1
103	An approach to deriving a virtual thematic folksonomy based system from a social inter-folksonomy based scenario. Web Intelligence and Agent Systems, 2012, 10, 361-384.	0.4	1
104	Find the Right Peers: Building and Querying Multi-IoT Networks Based on Contexts. Lecture Notes in Computer Science, 2019, , 302-313.	1.0	1
105	A new network-based approach to investigating neurological disorders. International Journal of Data Mining, Modelling and Management, 2019, 11, 315.	0.1	1
106	A General Approach to Uniformly Handle Different String Metrics Based on Heterogeneous Alphabets. IEEE Access, 2020, 8, 45231-45243.	2.6	1
107	Anonymous Access Monitoring of Indoor Areas. IEEE Access, 2021, 9, 56664-56682.	2.6	1
108	Semi-automatic extraction of hyponymies and overlappings from heterogeneous database schemes. Lecture Notes in Computer Science, 2000, , 614-623.	1.0	1

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109	Supporting User-Profiled Semantic Web-Oriented Search. Lecture Notes in Computer Science, 2001, , 26-31.	1.0	1
110	Experiences Using BDS: A Crawler for Social Internetworking Scenarios. Lecture Notes in Social Networks, 2014, , 149-177.	0.8	1
111	Defining and Investigating the Scope of Users and Hashtags in Twitter. Lecture Notes in Computer Science, 2014, , 674-681.	1.0	1
112	A social network analysis based approach to extracting knowledge patterns about innovation geography from patent databases. International Journal of Data Mining, Modelling and Management, 2018, 10, 23.	0.1	1
113	A new network-based approach to investigating neurological disorders. International Journal of Data Mining, Modelling and Management, 2019, 11, 315.	0.1	1
114	A new ego network model and an approach to extracting an ego network compliant with this model from a social internetworking system. International Journal of Web Based Communities, 2013, 9, 483.	0.2	0
115	A â€œbig data orientedâ€•and â€œcomplex network basedâ€•model supporting the uniform investigation of heterogeneous personalized medicine data. , 2018, , .		0
116	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
117	A Multi-Agent System for Handling Adaptive E-Services. , 2009, , 1346-1351.		0
118	A Tour from Regularities to Exceptions. Studies in Big Data, 2018, , 307-322.	0.8	0
119	Integrating QuickBundles into a Model-Guided Approach for Extracting â€œAnatomically-Coherentâ€•and â€œSymmetry-Awareâ€•White Matter Fiber-Bundles. Smart Innovation, Systems and Technologies, 2018, , 39-46.	0.5	0
120	A new social network analysis-based approach to extracting knowledge patterns about research activities and hubs in a set of countries. International Journal of Business Innovation and Research, 2018, 17, 147.	0.1	0
121	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
122	From Artificial Intelligence and Databases to Cognitive Computing: Past and Future Computer Engineering Research at UNIVPM. , 2019, , 101-121.		0
123	The Role of Schema and Document Matchings in XML Source Clustering. Advances in Data Mining and Database Management Book Series, 0, , 125-153.	0.4	0
124	A Component-Based Framework for the Integration and Exploration of XML Sources. Advances in Data Mining and Database Management Book Series, 0, , 343-377.	0.4	0