Aldo Gangemi

List of Publications by Year in descending order

110 papers	3,721 citations	249298 26 h-index	182931 54 g-index
122 all docs	122 docs citations	122 times ranked	2544 citing authors

#	Article	IF	Citations
1	Exposing implicit biases and stereotypes in human and artificial intelligence: state of the art and challenges with a focus on gender. AI and Society, 2023, 38, 747-761.	3.1	8
2	DOLCE: A descriptive ontology for linguistic and cognitive engineering1. Applied Ontology, 2022, 17, 45-69.	1.0	24
3	Integrating Citizen Experiences in Cultural Heritage Archives: Requirements, State of the Art, and Challenges. Journal on Computing and Cultural Heritage, 2022, 15, 1-35.	1.2	15
4	Semi-Automatic Systematic Literature Reviews and Information Extraction of COVID-19 Scientific Evidence: Description and Preliminary Results of the COKE Project. Information (Switzerland), 2022, 13, 117.	1.7	8
5	A knowledge graph embeddings based approach for author name disambiguation using literals. Scientometrics, 2022, 127, 4887-4912.	1.6	10
6	Using altmetrics for detecting impactful research in quasi-zero-day time-windows: the case of COVID-19. Scientometrics, 2021, 126, 1189-1215.	1.6	12
7	Pattern-based design applied to cultural heritage knowledge graphs. Semantic Web, 2021, 12, 313-357.	1.1	22
8	Semantic role labeling for knowledge graph extraction from text. Progress in Artificial Intelligence, 2021, 10, 309-320.	1.5	5
9	Facade-X: An Opinionated Approach to SPARQL Anything. Studies on the Semantic Web, 2021, , .	0.3	7
10	Closing the Loop between knowledge patterns in cognition and the Semantic Web. Semantic Web, 2020, 11, 139-151.	1.1	6
11	The practice of self-citations: a longitudinal study. Scientometrics, 2020, 123, 253-282.	1.6	18
12	Enabling Multiple Voices in the Museum: Challenges and Approaches. Digital Culture & Society, 2020, 6, 259-266.	0.1	4
13	Dialogue Systems and Conversational Agents for Patients with Dementia: The Humanâ€“Robot Interaction. Rejuvenation Research, 2019, 22, 109-120.	0.9	32
14	Ontology-Based Knowledge Management for Comprehensive Geriatric Assessment and Reminiscence Therapy on Social Robots. , 2019, , 173-193.		7
15	Do altmetrics work for assessing research quality?. Scientometrics, 2019, 118, 539-562.	1.6	43
16	ArCo: The Italian Cultural Heritage Knowledge Graph. Lecture Notes in Computer Science, 2019, , 36-52.	1.0	43
17	Predicting the results of evaluation procedures of academics. PeerJ Computer Science, 2019, 5, e199.	2.7	6
18	Reasoning with data flows and policy propagation rules. Semantic Web, 2018, 9, 163-183.	1.1	5

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19	Robot experience stories: First person generation of robotic task narratives inÂSitLog1. Journal of Intelligent and Fuzzy Systems, 2018, 34, 3291-3300.	0.8	1
20	Extending ScholarlyData with Research Impact Indicators. Lecture Notes in Computer Science, 2018, , 49-60.	1.0	2
21	Semantic Web for Cultural Heritage Valorisation. , 2017, , 3-37.		20
22	The Publishing Workflow Ontology (PWO). Semantic Web, 2017, 8, 703-718.	1.1	17
23	Semantic Web Machine Reading with FRED. Semantic Web, 2017, 8, 873-893.	1.1	98
24	Event-based knowledge reconciliation using frame embeddings and frame similarity. Knowledge-Based Systems, 2017, 135, 192-203.	4.0	13
25	Producing Linked Data for Smart Cities: The Case of Catania. Big Data Research, 2017, 7, 1-15.	2.6	29
26	The MIDI Linked Data Cloud. Lecture Notes in Computer Science, 2017, , 156-164.	1.0	10
27	AMR2FRED, A Tool for Translating Abstract Meaning Representation to Motif-Based Linguistic Knowledge Graphs. Lecture Notes in Computer Science, 2017, , 43-47.	1.0	1
28	Matching Ontologies Using a Frame-Driven Approach. Lecture Notes in Computer Science, 2017, , 101-104.	1.0	1
29	Aemoo: Linked Data exploration based onÂKnowledge Patterns. Semantic Web, 2016, 8, 87-112.	1.1	20
30	From hyperlinks to Semantic Web properties using Open Knowledge Extraction. Semantic Web, 2016, 7, 351-378.	1.1	14
31	An ontological investigation over human relations in linked data. Applied Ontology, 2016, 11, 227-254.	1.0	0
32	Identifying motifs for evaluating open knowledge extraction on the Web. Knowledge-Based Systems, 2016, 108, 33-41.	4.0	9
33	Merging open knowledge extracted from text with MERGILO. Knowledge-Based Systems, 2016, 108, 155-167.	4.0	6
34	FOOD: FOod in Open Data. Lecture Notes in Computer Science, 2016, , 168-176.	1.0	4
35	An OWL ontology library representing judicial interpretations. Semantic Web, 2016, 7, 229-253.	1.1	15
36	Conference Linked Data: The ScholarlyData Project. Lecture Notes in Computer Science, 2016, , 150-158.	1.0	26

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37	An Innovative, Open, Interoperable Citizen Engagement Cloud Platform for Smart Government and Usersâ€™ Interaction. Journal of the Knowledge Economy, 2016, 7, 388-412.	2.7	34
38	The Role of Ontology Design Patterns in Linked Data Projects. Lecture Notes in Computer Science, 2016, , 113-121.	1.0	10
39	The Second Open Knowledge Extraction Challenge. Communications in Computer and Information Science, 2016, , 3-16.	0.4	5
40	Semantic Web Conference Ontology - A Refactoring Solution. Lecture Notes in Computer Science, 2016, , 84-87.	1.0	14
41	Framester: A Wide Coverage Linguistic Linked Data Hub. Lecture Notes in Computer Science, 2016, , 239-254.	1.0	35
42	An Incremental Learning Method to Support the Annotation of Workflows with Data-to-Data Relations. Lecture Notes in Computer Science, 2016, , 129-144.	1.0	2
43	Event-Based Recognition of Lived Experiences in User Reviews. Lecture Notes in Computer Science, 2016, , 320-336.	1.0	0
44	Propagation of Policies in Rich Data Flows. , 2015, , .		13
45	Semantic reconciliation of knowledge extracted from text through a novel machine reader. , 2015, , .		3
46	Sentilo: Frame-Based Sentiment Analysis. Cognitive Computation, 2015, 7, 211-225.	3.6	56
47	Serving DBpedia with DOLCE â€“ More than Just Adding a Cherry on Top. Lecture Notes in Computer Science, 2015, , 180-196.	1.0	43
48	Open Knowledge Extraction Challenge. Communications in Computer and Information Science, 2015, , 3-15.	0.4	22
49	A Bottom-Up Approach for Licences Classification and Selection. Lecture Notes in Computer Science, 2015, , 257-267.	1.0	12
50	Correlating Open Rating Systems and Event Extraction from Text. Lecture Notes in Computer Science, 2015, , 367-375.	1.0	1
51	Legalo: Revealing the Semantics of Links. Lecture Notes in Computer Science, 2015, , 140-144.	1.0	0
52	Frame-Based Detection of Opinion Holders and Topics: A Model and a Tool. IEEE Computational Intelligence Magazine, 2014, 9, 20-30.	3.4	102
53	Geolinked Open Data for the Municipality of Catania. , 2014, , .		11
54	A Semantic Web Based Core Engine to Efficiently Perform Sentiment Analysis. Lecture Notes in Computer Science, 2014, , 245-248.	1.0	12

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55	Setting the Course of Emergency Vehicle Routing Using Geolinked Open Data for the Municipality of Catania. Lecture Notes in Computer Science, 2014, , 42-53.	1.0	6
56	Modelling OWL Ontologies with Graffoo. Lecture Notes in Computer Science, 2014, , 320-325.	1.0	36
57	Uncovering the Semantics of Wikipedia Pagelinks. Lecture Notes in Computer Science, 2014, , 413-428.	1.0	21
58	The foundations of virtual ontology networks. , 2013, , .		0
59	An empirical perspective on representing time. , 2013, , .		6
60	Workshop on semantic personalized information management (SPIM'13). , 2013, , .		0
61	TÃ¬palo: A Tool for Automatic Typing of DBpedia Entities. Lecture Notes in Computer Science, 2013, , 253-257.	1.0	3
62	Aemoo. , 2013, , .		13
63	Senso Comune: A Collaborative Knowledge Resource for Italian. Theory and Applications of Natural Language Processing, 2013, , 45-67.	0.3	4
64	A Multi-dimensional Comparison of Ontology Design Patterns for Representing n-ary Relations. Lecture Notes in Computer Science, 2013, , 86-105.	1.0	11
65	A Comparison of Knowledge Extraction Tools for the Semantic Web. Lecture Notes in Computer Science, 2013, , 351-366.	1.0	71
66	FRED: From Natural Language Text to RDF and OWL in One Click. Lecture Notes in Computer Science, 2013, , 263-267.	1.0	23
67	An open knowledge base for Italian language in a collaborative perspective. , 2013, , .		1
68	Pattern-Based Ontology Design. , 2012, , 35-64.		29
69	Knowledge Extraction Based on Discourse Representation Theory and Linguistic Frames. Lecture Notes in Computer Science, 2012, , 114-129.	1.0	69
70	Automatic Typing of DBpedia Entities. Lecture Notes in Computer Science, 2012, , 65-81.	1.0	65
71	The NeOn Ontology Models. , 2012, , 65-90.		0
72	Introduction: Ontology Engineering in a Networked World. , 2012, , 1-6.		10

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73	Is there beauty in ontologies?. Applied Ontology, 2011, 6, 165-175.	1.0	26
74	Gathering lexical linked data and knowledge patterns from FrameNet. , 2011, , .		36
75	A knowledge pattern-based method for linked data analysis. , 2011, , .		1
76	Dealing with markup semantics. , 2011, , .		18
77	The Computational Ontology Perspective: Design Patterns for Web Ontologies. , 2011, , 201-217.		2
78	Towards a pattern science for the Semantic Web. Semantic Web, 2010, 1, 61-68.	1.1	46
79	What's in a schema?. , 2010, , 144-182.		10
80	Acquiring Thesauri from Wikis by Exploiting Domain Models and Lexical Substitution. Lecture Notes in Computer Science, 2010, , 121-135.	1.0	3
81	Semantic Scout: Making Sense of Organizational Knowledge. Lecture Notes in Computer Science, 2010, , 272-286.	1.0	13
82	Kali-ma: A Semantic Guide to Browsing and Accessing Functionalities in Plugin-Based Tools. Lecture Notes in Computer Science, 2010, , 483-492.	1.0	2
83	Experimenting with eXtreme Design. Lecture Notes in Computer Science, 2010, , 120-134.	1.0	33
84	Experiments on pattern-based ontology design. , 2009, , .		46
85	Ontology Design Patterns. , 2009, , 221-243.		219
86	Frame Detection over the Semantic Web. Lecture Notes in Computer Science, 2009, , 126-142.	1.0	21
87	Norms and plans as unification criteria for social collectives. Autonomous Agents and Multi-Agent Systems, 2008, 17, 70-112.	1.3	39
88	Identity of Resources and Entities on the Web. International Journal on Semantic Web and Information Systems, 2008, 4, 49-72.	2.2	18
89	Content Ontology Design Patterns as Practical Building Blocks for Web Ontologies. Lecture Notes in Computer Science, 2008, , 128-141.	1.0	76
90	Ontology Design for Interaction in a Reasonable Enterprise. , 2008, , 48-68.		3

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91	An ontology of physical causation as a basis for assessing causation in fact and attributing legal responsibility. Artificial Intelligence and Law, 2007, 15, 301-321.	3.0	14
92	A Collaborative Semantic Web Layer to Enhance Legacy Systems. Lecture Notes in Computer Science, 2007, , 764-777.	1.0	5
93	From collective intentionality to intentional collectives: An ontological perspective. Cognitive Systems Research, 2006, 7, 192-208.	1.9	27
94	Law and the Semantic Web, an Introduction. Lecture Notes in Computer Science, 2005, , 1-17.	1.0	19
95	A Constructive Framework for Legal Ontologies. Lecture Notes in Computer Science, 2005, , 97-124.	1.0	69
96	Ontology Design Patterns for Semantic Web Content. Lecture Notes in Computer Science, 2005, , 262-276.	1.0	252
97	Foundations for service ontologies. , 2004, , .		50
98	Some Tools and Methodologies for Domain Ontology Building. Comparative and Functional Genomics, 2003, 4, 104-110.	2.0	7
99	Ontology learning and its application to automated terminology translation. IEEE Intelligent Systems, 2003, 18, 22-31.	4.0	226
100	Understanding the Semantic Web through Descriptions and Situations. Lecture Notes in Computer Science, 2003, , 689-706.	1.0	133
101	The OntoWordNet Project: Extension and Axiomatization of Conceptual Relations in WordNet. Lecture Notes in Computer Science, 2003, , 820-838.	1.0	74
102	Some Ontological Tools to Support Legal Regulatory Compliance, with a Case Study. Lecture Notes in Computer Science, 2003, , 607-620.	1.0	33
103	Sweetening Ontologies with DOLCE. Lecture Notes in Computer Science, 2002, , 166-181.	1.0	497
104	Conceptual analysis of lexical taxonomies. , 2001, , .		35
105	The Role of Ontologies for an Effective and Unambiguous Dissemination of Clinical Guidelines. Lecture Notes in Computer Science, 2000, , 129-139.	1.0	5
106	An overview of the ONIONS project: Applying ontologies to the integration of medical terminologies. Data and Knowledge Engineering, 1999, 31, 183-220.	2.1	106
107	A Medical Ontology Library That Integrates the UMLS Metathesaurusâ„¢. Lecture Notes in Computer Science, 1999, , 239-248.	1.0	10
108	An ontological analysis of surgical deeds. Lecture Notes in Computer Science, 1997, , 361-372.	1.0	4

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109	Modelling a sharable medical concept system: Ontological foundation in GALEN. Lecture Notes in Computer Science, 1995, , 411-412.	1.0	2
110	Semantic Standards for the Representation of Medical Records. Medical Decision Making, 1991, 11, S76-S80.	1.2	8