Anastasia Dimou

List of Publications by Year
in descending order

54 papers	411 citations	840119 11 h-index	887659 17 g-index
58 all docs	58 docs citations	58 times ranked	295 citing authors

#	Article	IF	Citations
1	FLAGS: A methodology for adaptive anomaly detection and root cause analysis on sensor data streams by fusing expert knowledge with machine learning. Future Generation Computer Systems, 2021, 116, 30-48.	4.9	43
2	Declarative Rules for Linked Data Generation at Your Fingertips!. Lecture Notes in Computer Science, 2018, , 213-217.	1.0	31
3	RMLEditor: A Graph-Based Mapping Editor for Linked Data Mappings. Lecture Notes in Computer Science, 2016, , 709-723.	1.0	27
4	Mapping Hierarchical Sources into RDF Using the RML Mapping Language. , 2014, , .		23
5	Assessing and Refining Mappingsto RDF to Improve Dataset Quality. Lecture Notes in Computer Science, 2015, , 133-149.	1.0	21
6	An Ontology to Semantically Declare and Describe Functions. Lecture Notes in Computer Science, 2016, , 46-49.	1.0	21
7	Declarative Data Transformations for Linked Data Generation: The Case of DBpedia. Lecture Notes in Computer Science, 2017, , 33-48.	1.0	18
8	Implementation-independent function reuse. Future Generation Computer Systems, 2020, 110, 946-959.	4.9	18
9	Facilitating the Analysis of COVID-19 Literature Through a Knowledge Graph. Lecture Notes in Computer Science, 2020, , 344-357.	1.0	14
10	Quantifying the Interoperability of Open Government Datasets. Computer, 2014, 47, 50-56.	1.2	13
11	Semantic Publishing Challenge â€" Assessing the Quality of Scientific Output by Information Extraction and Interlinking. Communications in Computer and Information Science, 2015, , 65-80.	0.4	13
12	Parallel RDF generation from heterogeneous big data. , 2019, , .		12
13	Visualizing the Information of a Linked Open Data Enabled Research Information System. Procedia Computer Science, 2014, 33, 245-252.	1.2	11
14	Specification and implementation of mapping rule visualization and editing: MapVOWL and the RMLEditor. Web Semantics, 2018, 49, 31-50.	2.2	11
15	RDF graph validation using rule-basedÂreasoning. Semantic Web, 2020, 12, 117-142.	1.1	11
16	Challenges as enablers for high quality Linked Data: insights from the Semantic Publishing Challenge. PeerJ Computer Science, 0, 3, e105.	2.7	10
17	Machine-interpretable dataset and service descriptions for heterogeneous data access and retrieval. , 2015, , .		9
18	Using Rule-Based Reasoning for RDF Validation. Lecture Notes in Computer Science, 2017, , 22-36.	1.0	9

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19	Extraction and Semantic Annotation of Workshop Proceedings in HTML Using RML. Communications in Computer and Information Science, 2014, , 114-119.	0.4	9
20	Rule-driven inconsistency resolution for knowledge graph generation rules. Semantic Web, 2019, 10, 1071-1086.	1.1	8
21	Hypermedia-Based Discovery for Source Selection Using Low-Cost Linked Data Interfaces. International Journal on Semantic Web and Information Systems, 2016, 12, 79-110.	2.2	7
22	Semantically Annotating CEUR-WS Workshop Proceedings with RML. Communications in Computer and Information Science, 2015, , 165-176.	0.4	6
23	Conformance Test Cases for the RDF Mapping Language (RML). Communications in Computer and Information Science, 2019, , 162-173.	0.4	5
24	Visualizing Collaborations and Online Social Interactions at Scientific Conferences for Scholarly Networking. , 2015, , .		4
25	Semantic Publishing Challenge â€" Assessing the Quality of Scientific Output in Its Ecosystem. Communications in Computer and Information Science, 2016, , 243-254.	0.4	4
26	Ontology-Based Data Access Mapping Generation Using Data, Schema, Query, and Mapping Knowledge. Lecture Notes in Computer Science, 2017, , 205-215.	1.0	4
27	PROV4ITDaTa: Transparent and direct transferof personal data to personal stores. , 2021, , .		4
28	Distributed Continuous Home Care Provisioning through Personalized Monitoring & Treatment Planning. , 2020, , .		4
29	Leveraging Web of Things W3C Recommendations for Knowledge Graphs Generation. Lecture Notes in Computer Science, 2021, , 337-352.	1.0	3
30	REWARD: Ontology for Reward Schemes. Lecture Notes in Computer Science, 2020, , 56-60.	1.0	3
31	Semantic Publishing Challenge: Bootstrapping a Value Chain for Scientific Data. Lecture Notes in Computer Science, 2016, , 73-89.	1.0	3
32	MontoloStats - Ontology Modeling Statistics. , 2019, , .		3
33	RML2SHACL: RDF Generation Taking Shape. , 2021, , .		3
34	Sustainable Linked Data Generation: The Case of DBpedia. Lecture Notes in Computer Science, 2017, , 297-313.	1.0	2
35	Specification and Implementation of Mapping Rule Visualization and Editing: MapVOWL and the RMLEditor. SSRN Electronic Journal, 0, , .	0.4	2
36	Graph-Based Editing of Linked Data Mappings Using the RMLEditor. Lecture Notes in Computer Science, 2016, , 123-127.	1.0	2

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37	RML and FnO: Shaping DBpedia Declaratively. Lecture Notes in Computer Science, 2017, , 172-177.	1.0	2
38	RDF mapping rules refinements according to data consumers' feedback. , 2014, , .		1
39	A visual workflow to explore the web of data for scholars. , 2014, , .		1
40	Ontology Based Improvement of Opening Hours in E-governments. , 2014, , .		1
41	A Model of Provenance Applied to Biodiversity Datasets. , 2016, , .		1
42	Data Analysis of Hierarchical Data for RDF Term Identification. Lecture Notes in Computer Science, 2016, , 204-212.	1.0	1
43	Knowledge Representation as Linked Data. , 2018, , .		1
44	A Rewarding Framework forÂCrowdsourcing to Increase PrivacyÂAwareness. Lecture Notes in Computer Science, 2021, , 259-277.	1.0	1
45	BESOCIAL: A Sustainable Knowledge Graph-Based Workflow for Social Media Archiving. Studies on the Semantic Web, 2021, , .	0.3	1
46	Digital Libraries for Open Knowledge. Lecture Notes in Computer Science, 2018, , .	1.0	1
47	ILastic: Linked Data Generation Workflow and User Interface for iMinds Scholarly Data. Lecture Notes in Computer Science, 2018, , 15-32.	1.0	1
48	The Function Hub: An Implementation-Independent Read/Write Function Description Repository. Lecture Notes in Computer Science, 2019, , 33-37.	1.0	1
49	Modeling, Generating, and Publishing Knowledge as Linked Data. Lecture Notes in Computer Science, 2017, , 3-14.	1.0	1
50	EcoDaLo: Federating Advertisement Targeting with Linked Data. Lecture Notes in Computer Science, 2020, , 87-103.	1.0	1
51	Visual notations for viewing RDF constraints with UnSHACLed. Semantic Web, 2021, , 1-36.	1.1	1
52	Correction to: The Semantic Web: ESWC 2021 Satellite Events. Lecture Notes in Computer Science, 2021, , C1-C1.	1.0	0
53	SeGoFlow: A Semantic Governance Workflow Tool. Lecture Notes in Computer Science, 2018, , 95-99.	1.0	0
54	SAD Generator: Eating Our Own Dog Food to Generate KGs and Websites for Academic Events. Lecture Notes in Computer Science, 2019, , 95-99.	1.0	0