AsunciÃ³n GÃ³mez PÃ©rez

List of Publications by Year
in descending order

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Version: 2024-02-01

127 papers	4,981 citations	159573 30 h-index	123420 61 g-index
143 all docs	143 docs citations	143 times ranked	3062 citing authors

#	Article	IF	Citations
1	Towards metrics-driven ontology engineering. Knowledge and Information Systems, 2021, 63, 867-903.	3.2	1
2	A Dialogical Approach to Readiness for Change towards Sustainability in Higher Education Institutions: The Case of the SDGs Seminars at the Universidad PolitÃ©cnica de Madrid. Sustainability, 2021, 13, 9168.	3.2	7
3	Toward proactive social inclusion powered by machine learning. Knowledge and Information Systems, 2019, 58, 651-667.	3.2	6
4	Participation of women in doctorate, research, innovation, and management activities at Universidad PolitÃ©cnica de Madrid: analysis of the decade 2006â€“2016. Scientometrics, 2019, 120, 1059-1089.	3.0	6
5	Evaluating the impact of semantic technologies on bibliographic systems: A user-centred and comparative approach. Web Semantics, 2019, 59, 100500.	2.9	4
6	The apertium bilingual dictionaries on the web of data. Semantic Web, 2018, 9, 231-240.	1.9	15
7	A Linked Data Terminology for Copyright Based on Ontolex-Lemon. Lecture Notes in Computer Science, 2018, , 410-423.	1.3	0
8	OOPS!. Advances in Web Technologies and Engineering Book Series, 2018, , 120-148.	0.4	2
9	An ontology for videogame interoperability. Multimedia Tools and Applications, 2017, 76, 4981-5000.	3.9	6
10	A comprehensive quality model for Linked Data. Semantic Web, 2017, 9, 3-24.	1.9	41
11	Repairing Hidden Links in Linked Data. , 2017, , .		1
12	Legal aspects of linked data â€“ The European framework. Computer Law and Security Review, 2016, 32, 799-813.	2.2	16
13	Scheduling ontology development projects. Data and Knowledge Engineering, 2016, 102, 1-21.	3.4	5
14	Ontology engineering in the era of linked data. Bulletin of the American Society for Information Science, 2015, 41, 13-17.	0.2	12
15	The NeOn Methodology framework: AÂscenario-based methodology for ontologyÂdevelopment. Applied Ontology, 2015, 10, 107-145.	2.0	114
16	An Analysis of the Quality Issues of the Properties Available in the Spanish DBpedia. Lecture Notes in Computer Science, 2015, , 198-209.	1.3	11
17	SemQuaRE â€” An extension of the SQuaRE quality model for the evaluation of semantic technologies. Computer Standards and Interfaces, 2015, 38, 101-112.	5.4	8
18	Guidelines for Linked Data generation and publication: An example in building energy consumption. Automation in Construction, 2015, 57, 178-187.	9.8	48

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19	Problem-based learning supported by semantic techniques. Interactive Learning Environments, 2015, 23, 37-54.	6.4	5
20	A Distributed Transaction Model for Read-Write Linked Data Applications. Lecture Notes in Computer Science, 2015, , 631-634.	1.3	1
21	Integrating geographical information in the Linked Digital Earth. International Journal of Digital Earth, 2014, 7, 554-575.	3.9	33
22	OOPS! (OntOlogy Pitfall Scanner!). International Journal on Semantic Web and Information Systems, 2014, 10, 7-34.	5.1	204
23	Publishing Linked Data on the Web: The Multilingual Dimension. , 2014, , 101-117.		12
24	A keyword-driven approach for generating OWL DL conformance test data. Engineering Applications of Artificial Intelligence, 2013, 26, 1413-1420.	8.1	1
25	Methodological guidelines for reusing general ontologies. Data and Knowledge Engineering, 2013, 86, 242-275.	3.4	19
26	datos.bne.es and MARiMbA: an insight into library linked data. Library Hi Tech, 2013, 31, 575-601.	5.1	19
27	datos.bne.es: A library linked dataset. Semantic Web, 2013, 4, 307-313.	1.9	25
28	Guidelines for multilingual linked data. , 2013, , .		14
29	Ontologies in Medicinal Chemistry: Current Status and Future Challenges. Current Topics in Medicinal Chemistry, 2013, 13, 576-590.	2.1	2
30	The NeOn Methodology for Ontology Engineering. , 2012, , 9-34.		223
31	Review of the state of the art: discovering and associating semantics to tags in folksonomies. Knowledge Engineering Review, 2012, 27, 57-85.	2.6	40
32	Interchanging lexical resources on the Semantic Web. Language Resources and Evaluation, 2012, 46, 701-719.	2.7	106
33	Challenges for the multilingual Web of Data. Web Semantics, 2012, 11, 63-71.	2.9	89
34	Validating Ontologies with OOPS!. Lecture Notes in Computer Science, 2012, , 267-281.	1.3	82
35	Ontology Engineering in a Networked World. , 2012, , .		131
36	A MAUT Approach for Reusing Ontologies. , 2012, , .		2

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37	Ontology Development by Reuse. , 2012, , 147-170.		7
38	Ontology Localization. , 2012, , 171-191.		6
39	The NeOn Ontology Models. , 2012, , 65-90.		0
40	Introduction: Ontology Engineering in a Networked World. , 2012, , 1-6.		10
41	A Semantic Sensor Web for Environmental Decision Support Applications. Sensors, 2011, 11, 8855-8887.	3.8	39
42	A holistic approach to collaborative ontology development based on change management. Web Semantics, 2011, 9, 299-314.	2.9	34
43	A Semantically Enhanced UPnP Control Point for Sharing Multimedia Content. IEEE Internet Computing, 2011, 15, 58-64.	3.3	10
44	A network of ontology networks for building e-employment advanced systems. Expert Systems With Applications, 2011, , .	7.6	8
45	Enriching ontologies with multilingual information. Natural Language Engineering, 2011, 17, 283-309.	2.5	47
46	Semantic feedback for the enrichment of conceptual models. , 2011, , .		2
47	Methodological Guidelines for Publishing Government Linked Data. , 2011, , 27-49.		76
48	A Semantically Enabled Service Architecture for Mashups over Streaming and Stored Data. Lecture Notes in Computer Science, 2011, , 300-314.	1.3	32
49	Approaches for Evaluating the Conformance and Interoperability of Ontology Engineering Tools. Advances in E-Business Research Series, 2011, , 302-330.	0.4	0
50	Interoperability results for Semantic Web technologies using OWL as the interchange language. Web Semantics, 2010, 8, 278-291.	2.9	30
51	A Pattern-Based Method for Re-Engineering Non-Ontological Resources into Ontologies. International Journal on Semantic Web and Information Systems, 2010, 6, 27-63.	5.1	47
52	GeoLinked data and INSPIRE through an application case. , 2010, , .		21
53	A note on ontology localization. Applied Ontology, 2010, 5, 127-137.	2.0	23
54	Common Pitfalls in Ontology Development. Lecture Notes in Computer Science, 2010, , 91-100.	1.3	14

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55	Semantic Techniques for Enabling Knowledge Reuse in Conceptual Modelling. Lecture Notes in Computer Science, 2010, , 82-97.	1.3	11
56	Acquiring Conceptual Knowledge about How Systems Behave. Lecture Notes in Computer Science, 2010, , 448-448.	1.3	0
57	DynaLearn: Architecture and Approach for Investigating Conceptual System Knowledge Acquisition. Lecture Notes in Computer Science, 2010, , 272-274.	1.3	6
58	Ontology localization. , 2009, , .		24
59	RDF(S) INTEROPERABILITY RESULTS FOR SEMANTIC WEB TECHNOLOGIES. International Journal of Software Engineering and Knowledge Engineering, 2009, 19, 1083-1108.	0.8	5
60	Scenarios for building ontology networks within the NeOn methodology. , 2009, , .		33
61	Accessing RDF(S) data resources in serviceâ€based Grid infrastructures. Concurrency Computation Practice and Experience, 2009, 21, 1029-1051.	2.2	6
62	Ontology Repositories. , 2009, , 551-571.		7
63	Multilingual and Localization Support for Ontologies. Lecture Notes in Computer Science, 2009, , 821-825.	1.3	12
64	How to Write and Use the Ontology Requirements Specification Document. Lecture Notes in Computer Science, 2009, , 966-982.	1.3	77
65	Benchmarking in the Semantic Web. , 2009, , 3489-3518.		0
66	Large-Scale Benchmarking of the OWL Interoperability of Semantic Web Technologies. , 2008, , .		2
67	Semantic Mappings: Out of Ontology World Limits. , 2008, , .		2
68	Enriching an Ontology with Multilingual Information. , 2008, , 333-347.		36
69	LabelTranslator - A Tool to Automatically Localize an Ontology. , 2008, , 792-796.		13
70	Natural Language-Based Approach for Helping in the Reuse of Ontology Design Patterns. Lecture Notes in Computer Science, 2008, , 32-47.	1.3	22
71	A Pattern Based Approach for Re-engineering Non-Ontological Resources into Ontologies. Lecture Notes in Computer Science, 2008, , 167-181.	1.3	6
72	Towards a Component-Based Framework for Developing Semantic Web Applications. Lecture Notes in Computer Science, 2008, , 197-211.	1.3	6

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73	An Editorial Workflow Approach For Collaborative Ontology Development. Lecture Notes in Computer Science, 2008, , 227-241.	1.3	5
74	A Semantic Data Grid for Satellite Mission Quality Analysis. Lecture Notes in Computer Science, 2008, , 818-832.	1.3	1
75	ODEWiki: A Semantic Wiki That Interoperates with the ODESeW Semantic Portal. , 2008, , 859-863.		0
76	Towntology & hydrOntology: Relationship between Urban and Hydrographic Features in the Geographic Information Domain. Studies in Computational Intelligence, 2007, , 73-84.	0.9	4
77	An Ontology for Modelling Human Resources Management Based on Standards. , 2007, , 534-541.		22
78	WS-DAIOnt-RDF(S): Ontology access provision in grids. , 2007, , .		5
79	A Workflow for the Networked Ontologies Lifecycle: A Case Study in FAO of the UN. Lecture Notes in Computer Science, 2007, , 200-209.	1.3	7
80	Lifecycle-Support in Architectures for Ontology-Based Information Systems. Lecture Notes in Computer Science, 2007, , 508-522.	1.3	16
81	Ideas for the Provision of Ontology Access in Grid Environments. , 2007, , 151-168.		1
82	Oyster. , 2006, , .		11
83	Ontological Engineering: Principles, Methods, Tools and Languages. , 2006, , 1-48.		53
84	Ontology-based legal information retrieval to improve the information access in e-government. , 2006, , .		19
85	SGSDesigner. , 2006, , .		0
86	A platform for the development of semantic web portals. , 2006, , .		15
87	The ODESeW 2.0 semantic web application framework. , 2006, , .		11
88	Upgrading relational legacy data to the semantic web. , 2006, , .		33
89	DEMO â€“ Design Environment for Metadata Ontologies. Lecture Notes in Computer Science, 2006, , 427-441.	1.3	5
90	Semantic Grid Applications to Complex Satellite Mission Systems. , 2006, , .		3

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91	The ODESeW Platform as a Tool for Managing EU Projects: The Knowledge Web Case Study. Lecture Notes in Computer Science, 2006, , 389-396.	1.3	0
92	A Layered Model for Building Ontology Translation Systems. International Journal on Semantic Web and Information Systems, 2005, 1, 22-48.	5.1	15
93	ODESGS framework, knowledge-based markup for semantic grid services. , 2005, , .		1
94	Building Legal Ontologies with METHONTOLOGY and WebODE. Lecture Notes in Computer Science, 2005, , 142-157.	1.3	99
95	Applying the ONTOMETRIC Method to Measure the Suitability of Ontologies. , 2005, , 249-269.		4
96	A Method for Performing an Exhaustive Evaluation of RDF(S) Importers. Lecture Notes in Computer Science, 2005, , 199-206.	1.3	2
97	Population of a Method for Developing the Semantic Web Using Ontologies. Advances in Database Research Series, 2005, , 159-177.	0.1	0
98	ONTOMETRIC. Journal of Database Management, 2004, 15, 1-18.	1.5	269
99	OntoTag's linguistic ontologies: improving semantic Web annotations for a better language understanding in machines. , 2004, , .		1
100	ODE SWS: a framework for designing and composing semantic Web services. IEEE Intelligent Systems, 2004, 19, 24-31.	4.0	46
101	An overview of methods and tools for ontology learning from texts. Knowledge Engineering Review, 2004, 19, 187-212.	2.6	90
102	Ontology Evaluation. , 2004, , 251-273.		92
103	Development of Semantic Web Services at the Knowledge Level. Lecture Notes in Computer Science, 2004, , 72-86.	1.3	4
104	Evaluation of RDF(S) and DAML+OIL Import/Export Services within Ontology Platforms. Lecture Notes in Computer Science, 2004, , 109-118.	1.3	2
105	Methodologies, tools and languages for building ontologies. Where is their meeting point?. Data and Knowledge Engineering, 2003, 46, 41-64.	3.4	476
106	Selection of Ontologies for the Semantic Web. Lecture Notes in Computer Science, 2003, , 413-416.	1.3	9
107	BAREMO. , 2002, , .		19
108	Overview and analysis of methodologies for building ontologies. Knowledge Engineering Review, 2002, 17, 129-156.	2.6	202

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109	WebODE: An Integrated Workbench for Ontology Representation, Reasoning, and Exchange. Lecture Notes in Computer Science, 2002, , 138-153.	1.3	31
110	Ontology languages for the Semantic Web. IEEE Intelligent Systems, 2002, 17, 54-60.	4.0	266
111	Evaluation of ontologies. International Journal of Intelligent Systems, 2001, 16, 391-409.	5.7	180
112	Reference Ontology and (ONTO)2 Agent: The Ontology Yellow Pages. Knowledge and Information Systems, 2000, 2, 387-412.	3.2	21
113	Knowledge maps: An essential technique for conceptualisation. Data and Knowledge Engineering, 2000, 33, 169-190.	3.4	61
114	Ontologyâ€™s Crossed Life Cycles. Lecture Notes in Computer Science, 2000, , 65-79.	1.3	9
115	A Roadmap to Ontology Specification Languages. Lecture Notes in Computer Science, 2000, , 80-96.	1.3	69
116	How to find suitable ontologies using an ontology-based WWW broker. Lecture Notes in Computer Science, 1999, , 725-739.	1.3	1
117	(KA)2: building ontologies for the Internet: a mid-term report. International Journal of Human Computer Studies, 1999, 51, 687-712.	5.6	83
118	Building a chemical ontology using Methontology and the Ontology Design Environment. IEEE Intelligent Systems, 1999, 14, 37-46.	0.2	358
119	Ontological Reengineering for Reuse. Lecture Notes in Computer Science, 1999, , 139-156.	1.3	46
120	Towards a framework to verify knowledge sharing technology. Expert Systems With Applications, 1996, 11, 519-529.	7.6	111
121	An expert system for homeopathic glaucoma treatment (SEHO). Expert Systems With Applications, 1995, 8, 89-99.	7.6	9
122	Lights and shadows in creating a glossary about ontology engineering. Terminology, 0, , 202-236.	0.3	11
123	Enabling Open Science: Wikidata for Research (Wiki4R). Research Ideas and Outcomes, 0, 1, e7573.	1.0	17
124	Evaluating the Impact of Semantic Technologies on Bibliographic Systems: A User-Centered and Comparative Approach. SSRN Electronic Journal, 0, , .	0.4	2
125	Why are Ontologies Not Reused Across the Same Domain?. SSRN Electronic Journal, 0, , .	0.4	1
126	A Layered Model for Building Ontology Translation Systems. Advances in Semantic Web and Information Systems Series, 0, , 161-189.	0.0	3

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127	A Pattern-Based Method for Re-Engineering Non-Ontological Resources into Ontologies. , 0, , 17-54.		0