Marco Antonio Casanova

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102 papers	644 citations	10 h-index	20 g-index
120 ext. papers	749 ext. citations	1.5 avg, IF	3.47 L-index

#	Paper	IF	Citations
102	Operations over Lightweight Ontologies and Their Implementation **2021**, 61-82		
101	Stop-and-move sequence expressions over semantic trajectories. *International Journal of Geographical Information Science*, **2021**, 35, 793-818	4.1	1
100	DSL Based Approach for Building Model-Driven Questionnaires. *Lecture Notes in Business Information Processing*, **2021**, 458-480	0.6	
99	Keyword search over schema-less RDF datasets by SPARQL query compilation. *Information Systems*, **2021**, 102, 101814	2.7	2
98	An Architecture for Dynamic Contextual Personalization of Multimedia Narratives in IoT Environments. *Advances in Intelligent Systems and Computing*, **2020**, 502-521	0.4	
97	A comparative analysis of two computer science degree offerings. *Journal of the Brazilian Computer Society*, **2020**, 26,	1.9	1
96	On the Discovery of Educational Patterns using Biclustering. *Lecture Notes in Computer Science*, **2019**, 133-144	0.9	1
95	Novel Node Importance Measures to Improve Keyword Search over RDF Graphs. *Lecture Notes in Computer Science*, **2019**, 143-158	0.9	1
94	Keyword Search over RDF Datasets. *Lecture Notes in Computer Science*, **2019**, 7-10	0.9	2
93	QUIOW: A Keyword-Based Query Processing Tool for RDF Datasets and Relational Databases. *Lecture Notes in Computer Science*, **2018**, 259-269	0.9	7
92	Empirical Analysis of Ranking Models for an Adaptable Dataset Search. *Lecture Notes in Computer Science*, **2018**, 50-64	0.9	1
91	Techniques for comparing and recommending conferences. *Journal of the Brazilian Computer Society*, **2017**, 23,	1.9	3
90	On the Implementation of an Algebra of Lightweight Ontologies **2017**,		2
89	An Analysis of Degree Curricula through Mining Student Records **2017**,		3
88	Searching Linked Data with a Twist of Serendipity. *Lecture Notes in Computer Science*, **2017**, 495-510	0.9	3
87	An Entity Relatedness Test Dataset. *Lecture Notes in Computer Science*, **2017**, 193-201	0.9	3
86	Framework for Live Synchronization of RDF Views of Relational Data. *Lecture Notes in Computer Science*, **2017**, 155-160	0.9	

85	Storytelling variants based on semiotic relations. *Entertainment Computing*, **2016**, 17, 31-44	1.9	7
84	A methodology for traffic-related Twitter messages interpretation. *Computers in Industry*, **2016**, 78, 57-69	1.6	9
83	Automatic Creation and Analysis of a Linked Data Cloud Diagram. *Lecture Notes in Computer Science* , **2016**, 417-432	0.9	3
82	Incremental Maintenance of Materialized SPARQL-Based Linkset Views. *Lecture Notes in Computer Science*, **2016**, 68-83	0.9	
81	Semi-automatic photograph tagging by combining context with content-based information. *Expert Systems With Applications*, **2015**, 42, 203-211	7.8	1
80	Specification and Incremental Maintenance of Linked Data Mashup Views. *Lecture Notes in Computer Science*, **2015**, 214-229	0.9	6
79	Rubya: A Tool for Generating Rules for Incremental Maintenance of RDF Views. *Lecture Notes in Computer Science*, **2015**, 169-174	0.9	
78	CRAWLER-LD: A Multilevel Metadata Focused Crawler Framework for Linked Data. *Lecture Notes in Business Information Processing*, **2015**, 302-319	0.6	1
77	Publishing deep web geographic data. *GeoInformatica*, **2014**, 18, 769-792	2.5	3
76	SCS Connector - Quantifying and Visualising Semantic Paths Between Entity Pairs. *Lecture Notes in Computer Science*, **2014**, 461-466	0.9	3
75	A semi-automatic approach for generating customized R2RML mappings **2014**,		3
74	Plot Generation with Character-Based Decisions. *Computers in Entertainment*, **2014**, 12, 1-21		3
73	A Topic Extraction Process for Online Forums **2014**,		6
72	A Scalable Approach for Efficiently Generating Structured Dataset Topic Profiles. *Lecture Notes in Computer Science*, **2014**, 519-534	0.9	29
71	On Materialized sameAs Linksets. *Lecture Notes in Computer Science*, **2014**, 377-384	0.9	7
70	Two Approaches to the Dataset Interlinking Recommendation Problem. *Lecture Notes in Computer Science*, **2014**, 324-339	0.9	8
69	TRTML - A Tripleset Recommendation Tool Based on Supervised Learning Algorithms. *Lecture Notes in Computer Science*, **2014**, 413-417	0.9	4
68	The Role of Design Rationale in the Ontology Matching Step during the Triplification of Relational Databases. *Lecture Notes in Computer Science*, **2014**, 385-393	0.9	

67	Educational Forums at a Glance: Topic Extraction and Selection. *Lecture Notes in Computer Science*, **2014**, 351-364	0.9	2
66	Interlinking Documents based on Semantic Graphs. *Procedia Computer Science*, **2013**, 22, 231-240	1.6	9
65	As Simple as It Gets - A Sentence Simplifier for Different Learning Levels and Contexts **2013**,		3
64	Nested Event Model for Multimedia Narratives **2013**,		1
63	RDB2RDF: A relational to RDF plug-in for Eclipse. *Software - Practice and Experience*, **2013**, 43, 435-447	2.5	5
62	A Proactive Application to Monitor Truck Fleets **2013**,		1
61	A mediator for statistical linked data **2013**,		2
60	Who wants to get fired? **2013**,		2
59	Identifying Candidate Datasets for Data Interlinking. *Lecture Notes in Computer Science*, **2013**, 354-366	0.9	15
58	Boosting Retrieval of Digital Spoken Content. *Lecture Notes in Computer Science*, **2013**, 153-162	0.9	3
57	Combining a Co-occurrence-Based and a Semantic Measure for Entity Linking. *Lecture Notes in Computer Science*, **2013**, 548-562	0.9	18
56	Complex Matching of RDF Datatype Properties. *Lecture Notes in Computer Science*, **2013**, 195-208	0.9	8
55	StdTrip+K: Design Rationale in the RDB-to-RDF Process. *Lecture Notes in Computer Science*, **2013**, 303-310	0.9	3
54	Incremental Maintenance of RDF Views of Relational Data. *Lecture Notes in Computer Science*, **2013**, 572-587	0.9	8
53	R2RML by Assertion: A Semi-automatic Tool for Generating Customised R2RML Mappings. *Lecture Notes in Computer Science*, **2013**, 248-252	0.9	8
52	Query Processing in a Mediator Based Framework for Linked Data Integration **2013**, 98-116		0
51	Answering Confucius: The Reason Why We Complicate. *Lecture Notes in Computer Science*, **2013**, 496-501	0.9	
50	Recommending Tripleset Interlinking through a Social Network Approach. *Lecture Notes in Computer Science*, **2013**, 149-161	0.9	8

49	Surfacing scientific and financial data with the Xcel2RDF plug-in **2012**,		1
48	OLAP2DataCube: An Ontowiki plug-in for statistical data publishing **2012**,		2
47	Publishing Statistical Data on the Web **2012**,		15
46	PhotoGeo: a photo digital library with spatial-temporal support and self-annotation. *Multimedia Tools and Applications*, **2012**, 59, 279-305	2.5	9
45	ComeTogether: Discovering Communities of Places in Mobility Data **2012**,		5
44	. *IEEE Intelligent Systems*, **2012**, 27, 45-49	4.2	17
43	Operations over Lightweight Ontologies. *Lecture Notes in Computer Science*, **2012**, 646-663	0.9	2
42	On the Problem of Matching Database Schemas **2012**, 431-461		3
41	Travel time prediction using machine learning **2011**,		4
40	Query Processing in a Mediator Based Framework for Linked Data Integration. *International Journal of Business Data Communications and Networking*, **2011**, 7, 29-47	0.8	2
39	The Role of Constraints in Linked Data. *Lecture Notes in Computer Science*, **2011**, 781-799	0.9	3
38	StdTrip: Promoting the Reuse of Standard Vocabularies in Open Government Data **2011**, 113-133		6
37	Query processing in a three-level ontology-based data integration system **2010**,		2
36	Interoperability by design using the StdTrip tool **2010**,		8
35	A Decision-Making Process for Digital Storytelling **2010**,		2
34	OWL schema matching. *Journal of the Brazilian Computer Society*, **2010**, 16, 21-34	1.9	3
33	Modeling interactive storytelling genres as application domains. *Journal of Intelligent Information Systems*, **2010**, 35, 347-381	2.1	7
32	Revising the constraints of lightweight mediated schemas. *Data and Knowledge Engineering*, **2010**, 69, 1274-1301	1.5	6

31	W-Ray: A Strategy to Publish Deep Web Geographic Data. *Lecture Notes in Computer Science*, **2010**, 2-11	0.9	3
30	Event relations in plan-based plot composition. *Computers in Entertainment*, **2009**, 7, 1-37		5
29	Geoweb Services for Sharing Modelling Results in Biodiversity Networks. *Transactions in GIS*, **2009**, 13, 379-399	2.1	10
28	An Ontology-Based Framework for Geographic Data Integration. *Lecture Notes in Computer Science*, **2009**, 337-346	0.9	8
27	Instance-Based OWL Schema Matching. *Lecture Notes in Business Information Processing*, **2009**, 14-26	0.6	6
26	A Plot-Manipulation Algebra to Support Digital Storytelling. *Lecture Notes in Computer Science*, **2009**, 132-144	0.9	5
25	A Strategy to Revise the Constraints of the Mediated Schema. *Lecture Notes in Computer Science*, **2009**, 265-279	0.9	3
24	A Frame Manipulation Algebra for ER Logical Stage Modelling. *Lecture Notes in Computer Science*, **2009**, 9-24	0.9	1
23	Instance-Based Ontology Mapping **2008**,		4
22	Matching object catalogues. *Innovations in Systems and Software Engineering*, **2008**, 4, 315-328	1.1	7
21	Process pipeline scheduling. *Journal of Systems and Software*, **2008**, 81, 307-327	3.3	3
20	Analysis and Reuse of Plots Using Similarity and Analogy. *Lecture Notes in Computer Science*, **2008**, 355-368	0.9	5
19	Database Conceptual Schema Matching. *Computer*, **2007**, 40, 102-104	1.6	10
18	Adding flexibility to workflows through incremental planning. *Innovations in Systems and Software Engineering*, **2007**, 3, 291-302	1.1	2
17	Conceptual modeling by analogy and metaphor **2007**,		6
16	Towards Gazetteer Integration through an Instance-based Thesauri Mapping Approach **2007**, 235-245		8
15	Mediation as Recommendation: An Approach to Design Mediators for Object Catalogs. *Lecture Notes in Computer Science*, **2006**, 46-47	0.9	2
14	Towards Automatic Generation of Rules for Incremental Maintenance of XML Views of Relational Data. *Lecture Notes in Computer Science*, **2005**, 189-202	0.9	2

13	Ontology-Driven Workflow Management for Biosequence Processing Systems. *Lecture Notes in Computer Science*, **2004**, 781-790	0.9	8
12	A Framework for Filtering and Packaging Hypermedia Documents. *Lecture Notes in Computer Science*, **2002**, 274-283	0.9	1
11	On the relational representation of complex specialization structures. *Information Systems*, **2000**, 25, 399-415	2.7	3
10	Nested composite nodes and version control in an open hypermedia system. *Information Systems*, **1995**, 20, 501-519	2.7	12
9	. *IEEE Transactions on Knowledge and Data Engineering*, **1993**, 5, 994-996	4.2	1
8	On the design and maintenance of optimized relational representations of entity-relationship schemas. *Data and Knowledge Engineering*, **1993**, 11, 1-20	1.5	8
7	A software tool for modular database design. *ACM Transactions on Database Systems*, **1991**, 16, 209-234	1.6	12
6	String pattern-matching in Prolog. *Computer Languages, Systems and Structures*, **1988**, 13, 149-170		
5	Towards multi-level and modular conceptual schema specifications. *Information Systems*, **1984**, 9, 43-57	2.7	22
4	Inclusion dependencies and their interaction with functional dependencies. *Journal of Computer and System Sciences*, **1984**, 28, 29-59	1	144
3	A theory of data dependencies over relational expressions. *International Journal of Computer & Information Sciences*, **1983**, 12, 151-191		1
2	The theory of functional and subset dependencies over relational expressions. *Information Processing Letters*, **1983**, 16, 153-160	0.8	2
1	General purpose schedulers for database systems. *Acta Informatica*, **1980**, 14, 195-220	0.9	20