

# Marco Antonio Casanova

## List of Publications by Citations

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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	Inclusion dependencies and their interaction with functional dependencies. <i>Journal of Computer and System Sciences</i> , <b>1984</b> , 28, 29-59	1	144
101	A Scalable Approach for Efficiently Generating Structured Dataset Topic Profiles. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 519-534	0.9	29
100	Towards multi-level and modular conceptual schema specifications. <i>Information Systems</i> , <b>1984</b> , 9, 43-57	2.7	22
99	General purpose schedulers for database systems. <i>Acta Informatica</i> , <b>1980</b> , 14, 195-220	0.9	20
98	Combining a Co-occurrence-Based and a Semantic Measure for Entity Linking. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 548-562	0.9	18
97	. <i>IEEE Intelligent Systems</i> , <b>2012</b> , 27, 45-49	4.2	17
96	Publishing Statistical Data on the Web <b>2012</b> ,		15
95	Identifying Candidate Datasets for Data Interlinking. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 354-366	0.9	15
94	Nested composite nodes and version control in an open hypermedia system. <i>Information Systems</i> , <b>1995</b> , 20, 501-519	2.7	12
93	A software tool for modular database design. <i>ACM Transactions on Database Systems</i> , <b>1991</b> , 16, 209-234	1.6	12
92	Geoweb Services for Sharing Modelling Results in Biodiversity Networks. <i>Transactions in GIS</i> , <b>2009</b> , 13, 379-399	2.1	10
91	Database Conceptual Schema Matching. <i>Computer</i> , <b>2007</b> , 40, 102-104	1.6	10
90	A methodology for traffic-related Twitter messages interpretation. <i>Computers in Industry</i> , <b>2016</b> , 78, 57-69	1.6	9
89	Interlinking Documents based on Semantic Graphs. <i>Procedia Computer Science</i> , <b>2013</b> , 22, 231-240	1.6	9
88	PhotoGeo: a photo digital library with spatial-temporal support and self-annotation. <i>Multimedia Tools and Applications</i> , <b>2012</b> , 59, 279-305	2.5	9
87	Interoperability by design using the StdTrip tool <b>2010</b> ,		8
86	An Ontology-Based Framework for Geographic Data Integration. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 337-346	0.9	8

85	On the design and maintenance of optimized relational representations of entity-relationship schemas. <i>Data and Knowledge Engineering</i> , <b>1993</b> , 11, 1-20	1.5	8
84	Two Approaches to the Dataset Interlinking Recommendation Problem. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 324-339	0.9	8
83	Ontology-Driven Workflow Management for Biosequence Processing Systems. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 781-790	0.9	8
82	Towards Gazetteer Integration through an Instance-based Thesauri Mapping Approach <b>2007</b> , 235-245		8
81	Complex Matching of RDF Datatype Properties. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 195-208	0.9	8
80	Incremental Maintenance of RDF Views of Relational Data. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 572-587	0.9	8
79	R2RML by Assertion: A Semi-automatic Tool for Generating Customised R2RML Mappings. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 248-252	0.9	8
78	Recommending Triplet Interlinking through a Social Network Approach. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 149-161	0.9	8
77	Storytelling variants based on semiotic relations. <i>Entertainment Computing</i> , <b>2016</b> , 17, 31-44	1.9	7
76	QUIOW: A Keyword-Based Query Processing Tool for RDF Datasets and Relational Databases. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 259-269	0.9	7
75	Modeling interactive storytelling genres as application domains. <i>Journal of Intelligent Information Systems</i> , <b>2010</b> , 35, 347-381	2.1	7
74	Matching object catalogues. <i>Innovations in Systems and Software Engineering</i> , <b>2008</b> , 4, 315-328	1.1	7
73	On Materialized sameAs Linksets. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 377-384	0.9	7
72	A Topic Extraction Process for Online Forums <b>2014</b> ,		6
71	Revising the constraints of lightweight mediated schemas. <i>Data and Knowledge Engineering</i> , <b>2010</b> , 69, 1274-1301	1.5	6
70	Conceptual modeling by analogy and metaphor <b>2007</b> ,		6
69	Specification and Incremental Maintenance of Linked Data Mashup Views. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 214-229	0.9	6
68	Instance-Based OWL Schema Matching. <i>Lecture Notes in Business Information Processing</i> , <b>2009</b> , 14-26	0.6	6

67	StdTrip: Promoting the Reuse of Standard Vocabularies in Open Government Data <b>2011</b> , 113-133		6
66	RDB2RDF: A relational to RDF plug-in for Eclipse. <i>Software - Practice and Experience</i> , <b>2013</b> , 43, 435-447	2.5	5
65	Event relations in plan-based plot composition. <i>Computers in Entertainment</i> , <b>2009</b> , 7, 1-37		5
64	ComeTogether: Discovering Communities of Places in Mobility Data <b>2012</b> ,		5
63	Analysis and Reuse of Plots Using Similarity and Analogy. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 355-368		5
62	A Plot-Manipulation Algebra to Support Digital Storytelling. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 132-144	0.9	5
61	Travel time prediction using machine learning <b>2011</b> ,		4
60	Instance-Based Ontology Mapping <b>2008</b> ,		4
59	TRTML - A Triplet Recommendation Tool Based on Supervised Learning Algorithms. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 413-417	0.9	4
58	Techniques for comparing and recommending conferences. <i>Journal of the Brazilian Computer Society</i> , <b>2017</b> , 23,	1.9	3
57	Publishing deep web geographic data. <i>Geoinformatica</i> , <b>2014</b> , 18, 769-792	2.5	3
56	As Simple as It Gets - A Sentence Simplifier for Different Learning Levels and Contexts <b>2013</b> ,		3
55	An Analysis of Degree Curricula through Mining Student Records <b>2017</b> ,		3
54	SCS Connector - Quantifying and Visualising Semantic Paths Between Entity Pairs. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 461-466	0.9	3
53	A semi-automatic approach for generating customized R2RML mappings <b>2014</b> ,		3
52	Plot Generation with Character-Based Decisions. <i>Computers in Entertainment</i> , <b>2014</b> , 12, 1-21		3
51	OWL schema matching. <i>Journal of the Brazilian Computer Society</i> , <b>2010</b> , 16, 21-34	1.9	3
50	Process pipeline scheduling. <i>Journal of Systems and Software</i> , <b>2008</b> , 81, 307-327	3.3	3

49	On the relational representation of complex specialization structures. <i>Information Systems</i> , <b>2000</b> , 25, 399-415	2.7	3
48	Automatic Creation and Analysis of a Linked Data Cloud Diagram. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 417-432	0.9	3
47	Searching Linked Data with a Twist of Serendipity. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 495-510	0.9	3
46	An Entity Relatedness Test Dataset. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 193-201	0.9	3
45	W-Ray: A Strategy to Publish Deep Web Geographic Data. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 2-11	0.9	3
44	The Role of Constraints in Linked Data. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 781-799	0.9	3
43	Boosting Retrieval of Digital Spoken Content. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 153-162	0.9	3
42	StdTrip+K: Design Rationale in the RDB-to-RDF Process. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 303-310.	0.9	3
41	A Strategy to Revise the Constraints of the Mediated Schema. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 265-279	0.9	3
40	On the Problem of Matching Database Schemas <b>2012</b> , 431-461		3
39	On the Implementation of an Algebra of Lightweight Ontologies <b>2017</b> ,		2
38	OLAP2DataCube: An Ontowiki plug-in for statistical data publishing <b>2012</b> ,		2
37	A mediator for statistical linked data <b>2013</b> ,		2
36	Who wants to get fired? <b>2013</b> ,		2
35	Query processing in a three-level ontology-based data integration system <b>2010</b> ,		2
34	A Decision-Making Process for Digital Storytelling <b>2010</b> ,		2
33	Adding flexibility to workflows through incremental planning. <i>Innovations in Systems and Software Engineering</i> , <b>2007</b> , 3, 291-302	1.1	2
32	The theory of functional and subset dependencies over relational expressions. <i>Information Processing Letters</i> , <b>1983</b> , 16, 153-160	0.8	2

31	Query Processing in a Mediator Based Framework for Linked Data Integration. <i>International Journal of Business Data Communications and Networking</i> , <b>2011</b> , 7, 29-47	0.8	2
30	Keyword Search over RDF Datasets. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 7-10	0.9	2
29	Operations over Lightweight Ontologies. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 646-663	0.9	2
28	Educational Forums at a Glance: Topic Extraction and Selection. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 351-364	0.9	2
27	Keyword search over schema-less RDF datasets by SPARQL query compilation. <i>Information Systems</i> , <b>2021</b> , 102, 101814	2.7	2
26	Towards Automatic Generation of Rules for Incremental Maintenance of XML Views of Relational Data. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 189-202	0.9	2
25	Mediation as Recommendation: An Approach to Design Mediators for Object Catalogs. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 46-47	0.9	2
24	On the Discovery of Educational Patterns using Biclustering. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 133-144	0.9	1
23	Semi-automatic photograph tagging by combining context with content-based information. <i>Expert Systems With Applications</i> , <b>2015</b> , 42, 203-211	7.8	1
22	Empirical Analysis of Ranking Models for an Adaptable Dataset Search. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 50-64	0.9	1
21	Nested Event Model for Multimedia Narratives <b>2013</b> ,		1
20	Surfacing scientific and financial data with the Xcel2RDF plug-in <b>2012</b> ,		1
19	A Proactive Application to Monitor Truck Fleets <b>2013</b> ,		1
18	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>1993</b> , 5, 994-996	4.2	1
17	A theory of data dependencies over relational expressions. <i>International Journal of Computer &amp; Information Sciences</i> , <b>1983</b> , 12, 151-191		1
16	Novel Node Importance Measures to Improve Keyword Search over RDF Graphs. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 143-158	0.9	1
15	A comparative analysis of two computer science degree offerings. <i>Journal of the Brazilian Computer Society</i> , <b>2020</b> , 26,	1.9	1
14	CRAWLER-LD: A Multilevel Metadata Focused Crawler Framework for Linked Data. <i>Lecture Notes in Business Information Processing</i> , <b>2015</b> , 302-319	0.6	1

13	A Frame Manipulation Algebra for ER Logical Stage Modelling. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 9-24	0.9	1
12	Stop-and-move sequence expressions over semantic trajectories. <i>International Journal of Geographical Information Science</i> , <b>2021</b> , 35, 793-818	4.1	1
11	A Framework for Filtering and Packaging Hypermedia Documents. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 274-283	0.9	1
10	Query Processing in a Mediator Based Framework for Linked Data Integration <b>2013</b> , 98-116		0
9	String pattern-matching in Prolog. <i>Computer Languages, Systems and Structures</i> , <b>1988</b> , 13, 149-170		
8	An Architecture for Dynamic Contextual Personalization of Multimedia Narratives in IoT Environments. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 502-521	0.4	
7	Operations over Lightweight Ontologies and Their Implementation <b>2021</b> , 61-82		
6	Rubya: A Tool for Generating Rules for Incremental Maintenance of RDF Views. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 169-174	0.9	
5	Framework for Live Synchronization of RDF Views of Relational Data. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 155-160	0.9	
4	Answering Confucius: The Reason Why We Complicate. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 496-501	0.9	
3	The Role of Design Rationale in the Ontology Matching Step during the Triplification of Relational Databases. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 385-393	0.9	
2	Incremental Maintenance of Materialized SPARQL-Based Linkset Views. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 68-83	0.9	
1	DSL Based Approach for Building Model-Driven Questionnaires. <i>Lecture Notes in Business Information Processing</i> , <b>2021</b> , 458-480	0.6	