

# Ismael Caballero

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

637  
citations

686830

13  
h-index

676716

22  
g-index

52  
all docs

52  
docs citations

52  
times ranked

576  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Data Quality in Use model for Big Data. Future Generation Computer Systems, 2016, 63, 123-130.	4.9	123
2	A proposal for a set of attributes relevant for Web portal data quality. Software Quality Journal, 2008, 16, 513-542.	1.4	57
3	Preparing Students and Engineers for Global Software Development: A Systematic Review. , 2010, , .		47
4	A Data Quality in Use Model for Big Data. Lecture Notes in Computer Science, 2014, , 65-74.	1.0	28
5	A BPMN Extension for Including Data Quality Requirements in Business Process Modeling. Lecture Notes in Business Information Processing, 2012, , 116-125.	0.8	26
6	Data quality certification using ISO/IEC 25012: Industrial experiences. Journal of Systems and Software, 2021, 176, 110938.	3.3	25
7	Quality in Use Model for Web Portals (QiUWeP). Lecture Notes in Computer Science, 2010, , 91-101.	1.0	22
8	Information and data quality in business networking: a key concept for enterprises in its early stages of development. Electronic Markets, 2011, 21, 83-97.	4.4	21
9	Information and data quality in networked business. Electronic Markets, 2011, 21, 79-81.	4.4	18
10	Software modernization by recovering Web services from legacy databases. Journal of Software: Evolution and Process, 2013, 25, 507-533.	1.2	17
11	Towards an ontology for global software development. IET Software, 2012, 6, 214.	1.5	15
12	MAMD 2.0: Environment for data quality processes implantation based on ISO 8000-6X and ISO/IEC 33000. Computer Standards and Interfaces, 2017, 54, 139-151.	3.8	15
13	An approach to web-based Personal Health Records filtering using fuzzy prototypes and data quality criteria. Information Processing and Management, 2012, 48, 451-466.	5.4	14
14	Capturing data quality requirements for web applications by means of DQ_WebRE. Information Systems Frontiers, 2013, 15, 433-445.	4.1	14
15	Extending Data Quality Management for Smart Connected Product Operations. IEEE Access, 2019, 7, 144663-144678.	2.6	14
16	Defining a Data Quality Model for Web Portals. Lecture Notes in Computer Science, 2006, , 363-374.	1.0	13
17	PRECISO. , 2009, , .		13
18	Towards a service architecture for master data exchange based on ISO 8000 with support to process large datasets. Computer Standards and Interfaces, 2017, 54, 94-104.	3.8	13

#	ARTICLE	IF	CITATIONS
19	DAQUA-MASS: An ISO 8000-61 Based Data Quality Management Methodology for Sensor Data. Sensors, 2018, 18, 3105.	2.1	13
20	DMN4DQ: When data quality meets DMN. Decision Support Systems, 2021, 141, 113450.	3.5	13
21	Analysis of root causes of problems affecting the quality of hospital administrative data: A systematic review and Ishikawa diagram. International Journal of Medical Informatics, 2021, 156, 104584.	1.6	13
22	Data Quality Best Practices in IoT Environments. , 2018, , .		12
23	The Importance of the Security Culture in SMEs as Regards the Correct Management of the Security of Their Assets. Future Internet, 2016, 8, 30.	2.4	11
24	From big data to smart data: a data quality perspective. , 2018, , .		9
25	Organizational process maturity model for IoT data quality management. Journal of Industrial Information Integration, 2022, 26, 100256.	4.3	8
26	A Survey on How to Manage Specific Data Quality Requirements during Information System Development. Communications in Computer and Information Science, 2011, , 16-30.	0.4	7
27	Configuration/Infrastructure-aware testing of MapReduce programs. Advances in Science, Technology and Engineering Systems, 2017, 2, 90-96.	0.4	5
28	BR4DQ: A methodology for grouping business rules for data quality evaluation. Information Systems, 2022, 109, 102058.	2.4	5
29	I8K   DQ-BigData: I8K Architecture Extension for Data Quality in Big Data. Lecture Notes in Computer Science, 2015, , 164-172.	1.0	4
30	Infrastructure-Aware Functional Testing of MapReduce Programs. , 2016, , .		4
31	Improving the experience of teaching Scrum. , 2018, , .		4
32	Measuring data credibility and medical coding: a case study using a nationwide Portuguese inpatient database. Software Quality Journal, 2020, 28, 1043-1061.	1.4	4
33	DMN for Data Quality Measurement and Assessment. Lecture Notes in Business Information Processing, 2019, , 362-374.	0.8	4
34	Optimal Data Quality in Project Management for Global Software Developments. , 2009, , .		3
35	Tailoring Data Quality Models Using Social Network Preferences. Lecture Notes in Computer Science, 2009, , 152-166.	1.0	3
36	MEPLAMECAL: A Methodology Based on ISO/IEC 15939 to Elaborate Data Quality Measurement Plans. IEEE Latin America Transactions, 2009, 7, 361-368.	1.2	2

#	ARTICLE	IF	CITATIONS
37	PRECISO: A Reverse Engineering Tool to Discover Web Services from Relational Databases. , 2009, , .		2
38	Deployment of broadband wireless access for E-health in Chinese rural areas. , 2010, , .		2
39	Capturing data quality requirements for web applications by means of DQ_WebRE. , 2011, , .		2
40	Towards a software quality certification of master data-based applications. Software Quality Journal, 2020, 28, 1019-1042.	1.4	2
41	Toward the Measure of Credibility of Hospital Administrative Datasets in the Context of DRG Classification. Communications in Computer and Information Science, 2019, , 289-296.	0.4	2
42	MAMD: Towards a Data Improvement Model Based on ISO 8000-6X and ISO/IEC 33000. Communications in Computer and Information Science, 2016, , 241-253.	0.4	2
43	A First Approach to a Data Quality Model for Web Portals. Lecture Notes in Computer Science, 2006, , 984-993.	1.0	2
44	Defining a quality model for portal data. , 2006, , .		1
45	PAIS-DQ: Extending process-aware information systems to support data quality in PAIS life-cycle. , 2016, , .		1
46	Measuring Variability in Acute Myocardial Infarction Coding Using a Statistical Process Control and Probabilistic Temporal Data Quality Control Approaches. Advances in Intelligent Systems and Computing, 2021, , 193-202.	0.5	1
47	Protocol for Analysis of Root Causes of Problems Affecting the Quality of the Diagnosis Related Group-Based Hospital Data: A Rapid Review and Delphi Process. Advances in Intelligent Systems and Computing, 2020, , 93-103.	0.5	1
48	Web-Based Personal Health Records Filtering Using Fuzzy Prototypes and Data Quality Criteria. , 2009, , .		0
49	Enhancing knowledge management capabilities in web-based decision aids using fuzzy prototypes and Data Quality criteria. , 2013, , .		0
50	Assessment and Improvement of Information Quality. , 2007, , 119-144.		0
51	ESTABLISHING TRUST NETWORKS BASED ON DATA QUALITY CRITERIA FOR SELECTING DATA SUPPLIERS. , 2009, , .		0
52	Eco-friendly Database Space Saving Using Proxy Attributes. Journal of Computer Science and Technology(Argentina), 2022, 22, e04.	0.5	0