

# Gianmaria Silvello

## 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.

85 papers	392 citations	10 h-index	16 g-index
87 ext. papers	444 ext. citations	1.7 avg, IF	4.55 L-index

#	Paper	IF	Citations
85	Theory and practice of data citation. <i>Journal of the Association for Information Science and Technology</i> , <b>2018</b> , 69, 6-20	2.7	47
84	A General Linear Mixed Models Approach to Study System Component Effects <b>2016</b> ,		22
83	Digital library interoperability at high level of abstraction. <i>Future Generation Computer Systems</i> , <b>2016</b> , 55, 129-146	7.5	21
82	Semantic representation and enrichment of information retrieval experimental data. <i>International Journal on Digital Libraries</i> , <b>2017</b> , 18, 145-172	1.4	16
81	NESTOR: A formal model for digital archives. <i>Information Processing and Management</i> , <b>2013</b> , 49, 1206-1240	2.9	16
80	VIRTUE: A visual tool for information retrieval performance evaluation and failure analysis. <i>Journal of Visual Languages and Computing</i> , <b>2014</b> , 25, 394-413		15
79	Toward an anatomy of IR system component performances. <i>Journal of the Association for Information Science and Technology</i> , <b>2018</b> , 69, 187-200	2.7	14
78	Gender stereotype reinforcement: Measuring the gender bias conveyed by ranking algorithms. <i>Information Processing and Management</i> , <b>2020</b> , 57, 102377	6.3	13
77	DIRECTIONS: Design and Specification of an IR Evaluation Infrastructure. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 88-99	0.9	12
76	A Methodology for Citing Linked Open Data Subsets. <i>D-Lib Magazine</i> , <b>2015</b> , 21,		12
75	CLAIRE: A combinatorial visual analytics system for information retrieval evaluation. <i>Information Processing and Management</i> , <b>2018</b> , 54, 1077-1100	6.3	9
74	3.5K runs, 5K topics, 3M assessments and 70M measures: What trends in 10 years of Adhoc-ish CLEF?. <i>Information Processing and Management</i> , <b>2017</b> , 53, 175-202	6.3	9
73	The NESTOR Framework: How to Handle Hierarchical Data Structures. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 215-226	0.9	9
72	CLEF 15th Birthday: What Can We Learn From Ad Hoc Retrieval?. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 31-43	0.9	9
71	Data Citation <b>2018</b> ,		9
70	Rank-Biased Precision Reloaded: Reproducibility and Generalization. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 768-780	0.9	8
69	PROMISE retreat report prospects and opportunities for information access evaluation. <i>ACM SIGIR Forum</i> , <b>2012</b> , 46, 60-84	0.9	8

68	Focal elements of neural information retrieval models. An outlook through a reproducibility study. <i>Information Processing and Management</i> , <b>2020</b> , 57, 102109	6.3	8
67	A Methodology for Sharing Archival Descriptive Metadata in a Distributed Environment. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 268-279	0.9	7
66	The twist measure for IR evaluation: Taking user's effort into account. <i>Journal of the Association for Information Science and Technology</i> , <b>2016</b> , 67, 620-648	2.7	7
65	Learning to cite framework: How to automatically construct citations for hierarchical data. <i>Journal of the Association for Information Science and Technology</i> , <b>2017</b> , 68, 1505-1524	2.7	6
64	Data Citation: a Computational Challenge <b>2017</b> , 2017, 1-4		6
63	Measuring and Analyzing the Scholarly Impact of Experimental Evaluation Initiatives. <i>Procedia Computer Science</i> , <b>2014</b> , 38, 133-137	1.6	6
62	Keyword-Based Search Over Databases: A Roadmap for a Reference Architecture Paired with an Evaluation Framework. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 1-20	0.9	5
61	A curated and evolving linguistic linked dataset. <i>Semantic Web</i> , <b>2013</b> , 4, 265-270	2.4	5
60	The CLEF Monolingual Grid of Points. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 16-27	0.9	5
59	Cumulated Relative Position: A Metric for Ranking Evaluation. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 112-123	0.9	5
58	Automating data citation: the eagle-i experience <b>2017</b> , 2017,		4
57	A Scalable Virtual Document-Based Keyword Search System for RDF Datasets <b>2019</b> ,		4
56	A Visual Analytics Approach for What-If Analysis of Information Retrieval Systems <b>2016</b> ,		4
55	Learning Unsupervised Knowledge-Enhanced Representations to Reduce the Semantic Gap in Information Retrieval. <i>ACM Transactions on Information Systems</i> , <b>2020</b> , 38, 1-48	4.8	4
54	Modeling Archives by Means of OAI-ORE. <i>Communications in Computer and Information Science</i> , <b>2013</b> , 216-227	0.3	4
53	Search Text to Retrieve Graphs: A Scalable RDF Keyword-Based Search System. <i>IEEE Access</i> , <b>2020</b> , 8, 14089-14111	3.5	4
52	A linked open data approach for geolinguistics applications. <i>International Journal of Metadata, Semantics and Ontologies</i> , <b>2014</b> , 9, 29	0.6	3
51	Visual interactive failure analysis <b>2012</b> ,		3

50	Data Citation and the Citation Graph. <i>Quantitative Science Studies</i> , 1-46	3.8	3
49	An Architecture for Sharing Metadata Among Geographically Distributed Archives <b>2007</b> , 56-65		3
48	FAST and NESTOR: How to Exploit Annotation Hierarchies. <i>Communications in Computer and Information Science</i> , <b>2010</b> , 55-66	0.3	3
47	Improving Ranking Evaluation Employing Visual Analytics. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 29-40.	0.9	3
46	Evaluation of Conformance Checkers for Long-Term Preservation of Multimedia Documents <b>2018</b> ,		3
45	Supervised Lexicon Extraction for Emotion Classification <b>2019</b> ,		2
44	Digital Libraries: From Digital Resources to Challenges in Scientific Data Sharing and Re-Use. <i>Studies in Big Data</i> , <b>2018</b> , 27-41	0.9	2
43	Comparing Methodologies <b>2015</b> ,		2
42	Information retrieval failure analysis: Visual analytics as a support for interactive What-if investigation <b>2012</b> ,		2
41	Keyword search and evaluation over relational databases <b>2013</b> ,		2
40	Access and Exchange of Hierarchically Structured Resources on the Web with the NESTOR Framework <b>2009</b> ,		2
39	Report on ECIR 2016. <i>ACM SIGIR Forum</i> , <b>2016</b> , 50, 12-27	0.9	2
38	Building a Distributed Digital Library System Enhancing the Role of Metadata		2
37	A Framework for Citing Nanopublications. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 70-83	0.9	2
36	The Road Towards Reproducibility in Science: The Case of Data Citation. <i>Communications in Computer and Information Science</i> , <b>2017</b> , 20-31	0.3	2
35	A Visual Interactive Environment for Making Sense of Experimental Data. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 767-770	0.9	2
34	Towards a Semantic Web Enabled Representation of DL Foundational Models: The Quality Domain Example. <i>Communications in Computer and Information Science</i> , <b>2016</b> , 24-35	0.3	2
33	Descendants, ancestors, children and parent: A set-based approach to efficiently address XPath primitives. <i>Information Processing and Management</i> , <b>2016</b> , 52, 399-429	6.3	2

32	On Synergies Between Information Retrieval and Digital Libraries. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 3-17	0.3	1
31	Probabilistic Word Embeddings in Neural IR <b>2019</b> ,		1
30	Digital Libraries. <i>SIGMOD Record</i> , <b>2020</b> , 48, 54-57	1.1	1
29	An Information Visualization Tool for the Interactive Component-Based Evaluation of Search Engines. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 15-25	0.3	1
28	Nanocitation: Complete and Interoperable Citations of Nanopublications. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 182-187	0.3	1
27	An Innovative Approach to Data Management and Curation of Experimental Data Generated Through IR Test Collections. <i>The Kluwer International Series on Information Retrieval</i> , <b>2019</b> , 105-122	0.7	1
26	SIAR: A User-Centric Digital Archive System. <i>Communications in Computer and Information Science</i> , <b>2011</b> , 87-99	0.3	1
25	A System for Exposing Linguistic Linked Open Data. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 173-178	0.9	1
24	Empowering Archives through Annotations. <i>Communications in Computer and Information Science</i> , <b>2013</b> , 57-68	0.3	1
23	Data credit distribution: A new method to estimate databases impact. <i>Journal of Informetrics</i> , <b>2020</b> , 14, 101080	3.1	1
22	The PREFORMA Project: Federating Memory Institutions for Better Compliance of Preservation Formats. <i>Communications in Computer and Information Science</i> , <b>2016</b> , 86-91	0.3	1
21	Search, access, and explore life science nanopublications on the Web. <i>PeerJ Computer Science</i> , <b>2021</b> , 7, e335	2.7	1
20	MedTAG: a portable and customizable annotation tool for biomedical documents.. <i>BMC Medical Informatics and Decision Making</i> , <b>2021</b> , 21, 352	3.6	1
19	TBGA: a large-scale Gene-Disease Association dataset for Biomedical Relation Extraction.. <i>BMC Bioinformatics</i> , <b>2022</b> , 23, 111	3.6	0
18	Statistical Stemmers: A Reproducibility Study. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 385-397	0.9	
17	Thirty Years of Digital Libraries Research at the University of Padua: The Systems Side. <i>Communications in Computer and Information Science</i> , <b>2018</b> , 30-41	0.3	
16	Thirty Years of Digital Libraries Research at the University of Padua: The User Side. <i>Communications in Computer and Information Science</i> , <b>2018</b> , 42-54	0.3	
15	Measuring Syntactic Distances between Dialects: A Web Application for Annotating Dialectal Data. <i>Procedia Computer Science</i> , <b>2014</b> , 38, 44-47	1.6	

14	PROMISE winter school 2013 bridging between information retrieval and databases. <i>ACM SIGIR Forum</i> , <b>2013</b> , 47, 46-52	0.9
13	Learning to Cite: Transfer Learning for Digital Archives. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 97-106	0.3
12	Reproducibility of the Neural Vector Space Model via Docker. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 3-8	0.3
11	Visual Analytics for Information Retrieval Evaluation (VAIRE@2015). <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 809-812	0.9
10	IR Scientific Data: How to Semantically Represent and Enrich Them <b>2016</b> , 66-71	
9	An Ontology to Make the DELOS Reference Model and the 5S Model Interoperable. <i>Communications in Computer and Information Science</i> , <b>2017</b> , 85-91	0.3
8	PROMISE (Participative Research labOratory for Multimedia and Multilingual Information Systems Evaluation. <i>Communications in Computer and Information Science</i> , <b>2011</b> , 140-143	0.3
7	Handling Hierarchically Structured Resources Addressing Interoperability Issues in Digital Libraries. <i>Studies in Computational Intelligence</i> , <b>2011</b> , 17-49	0.8
6	Formal Models for Digital Archives: NESTOR and the 5S. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 192-203.	0.9
5	An Open Source System Architecture for Digital Geolinguistic Linked Open Data. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 438-441	0.9
4	Digital Archives: Extending the 5S Model through NESTOR. <i>Communications in Computer and Information Science</i> , <b>2014</b> , 130-135	0.3
3	The Evaluation Approach of IPSA@CULTURA. <i>Communications in Computer and Information Science</i> , <b>2014</b> , 147-152	0.3
2	DocTAG: A Customizable Annotation Tool for Ground Truth Creation. <i>Lecture Notes in Computer Science</i> , <b>2022</b> , 288-293	0.9
1	Credit distribution in relational scientific databases. <i>Information Systems</i> , <b>2022</b> , 102060	2.7