Gianmaria Silvello

List of Publications by Year in Descending Order

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	DocTAG: A Customizable Annotation Tool for Ground Truth Creation. *Lecture Notes in Computer Science*, **2022**, 288-293	0.9	
84	TBGA: a large-scale Gene-Disease Association dataset for Biomedical Relation Extraction.. *BMC Bioinformatics*, **2022**, 23, 111	3.6	0
83	Credit distribution in relational scientific databases. *Information Systems*, **2022**, 102060	2.7	
82	Search, access, and explore life science nanopublications on the Web. *PeerJ Computer Science*, **2021**, 7, e335	2.7	1
81	MedTAG: a portable and customizable annotation tool for biomedical documents.. *BMC Medical Informatics and Decision Making*, **2021**, 21, 352	3.6	1
80	Search Text to Retrieve Graphs: A Scalable RDF Keyword-Based Search System. *IEEE Access*, **2020**, 8, 14089-14111	3.5	1
79	Digital Libraries. *SIGMOD Record*, **2020**, 48, 54-57	1.1	1
78	Learning Unsupervised Knowledge-Enhanced Representations to Reduce the Semantic Gap in Information Retrieval. *ACM Transactions on Information Systems*, **2020**, 38, 1-48	4.8	4
77	An Information Visualization Tool for the Interactive Component-Based Evaluation of Search Engines. *Communications in Computer and Information Science*, **2020**, 15-25	0.3	1
76	Reproducibility of the Neural Vector Space Model via Docker. *Communications in Computer and Information Science*, **2020**, 3-8	0.3	
75	Nanocitation: Complete and Interoperable Citations of Nanopublications. *Communications in Computer and Information Science*, **2020**, 182-187	0.3	1
74	Data credit distribution: A new method to estimate databases impact. *Journal of Informetrics*, **2020**, 14, 101080	3.1	1
73	Gender stereotype reinforcement: Measuring the gender bias conveyed by ranking algorithms. *Information Processing and Management*, **2020**, 57, 102377	6.3	13
72	Focal elements of neural information retrieval models. An outlook through a reproducibility study. *Information Processing and Management*, **2020**, 57, 102109	6.3	8
71	Supervised Lexicon Extraction for Emotion Classification **2019**,		2
70	On Synergies Between Information Retrieval and Digital Libraries. *Communications in Computer and Information Science*, **2019**, 3-17	0.3	1
69	A Scalable Virtual Document-Based Keyword Search System for RDF Datasets **2019**,		4

68	Probabilistic Word Embeddings in Neural IR **2019**,		1
67	A Framework for Citing Nanopublications. *Lecture Notes in Computer Science*, **2019**, 70-83	0.9	2
66	Learning to Cite: Transfer Learning for Digital Archives. *Communications in Computer and Information Science*, **2019**, 97-106	0.3	
65	An Innovative Approach to Data Management and Curation of Experimental Data Generated Through IR Test Collections. *The Kluwer International Series on Information Retrieval*, **2019**, 105-122	0.7	1
64	Statistical Stemmers: A Reproducibility Study. *Lecture Notes in Computer Science*, **2018**, 385-397	0.9	
63	Thirty Years of Digital Libraries Research at the University of Padua: The Systems Side. *Communications in Computer and Information Science*, **2018**, 30-41	0.3	
62	Thirty Years of Digital Libraries Research at the University of Padua: The User Side. *Communications in Computer and Information Science*, **2018**, 42-54	0.3	
61	Digital Libraries: From Digital Resources to Challenges in Scientific Data Sharing and Re-Use. *Studies in Big Data*, **2018**, 27-41	0.9	2
60	Theory and practice of data citation. *Journal of the Association for Information Science and Technology*, **2018**, 69, 6-20	2.7	47
59	CLAIRE: A combinatorial visual analytics system for information retrieval evaluation. *Information Processing and Management*, **2018**, 54, 1077-1100	6.3	9
58	Toward an anatomy of IR system component performances. *Journal of the Association for Information Science and Technology*, **2018**, 69, 187-200	2.7	14
57	Evaluation of Conformance Checkers for Long-Term Preservation of Multimedia Documents **2018**,		3
56	Data Citation **2018**,		9
55	Semantic representation and enrichment of information retrieval experimental data. *International Journal on Digital Libraries*, **2017**, 18, 145-172	1.4	16
54	Learning to cite framework: How to automatically construct citations for hierarchical data. *Journal of the Association for Information Science and Technology*, **2017**, 68, 1505-1524	2.7	6
53	Data Citation: a Computational Challenge **2017**, 2017, 1-4		6
52	Automating data citation: the eagle-i experience **2017**, 2017,		4
51	3.5K runs, 5K topics, 3M assessments and 70M measures: What trends in 10 years of Adhoc-ish CLEF?. *Information Processing and Management*, **2017**, 53, 175-202	6.3	9

50	The Road Towards Reproducibility in Science: The Case of Data Citation. *Communications in Computer and Information Science*, **2017**, 20-31	0.3	2
49	An Ontology to Make the DELOS Reference Model and the 5S Model Interoperable. *Communications in Computer and Information Science*, **2017**, 85-91	0.3	
48	Digital library interoperability at high level of abstraction. *Future Generation Computer Systems*, **2016**, 55, 129-146	7.5	21
47	A General Linear Mixed Models Approach to Study System Component Effects **2016**,		22
46	Keyword-Based Search Over Databases: A Roadmap for a Reference Architecture Paired with an Evaluation Framework. *Lecture Notes in Computer Science*, **2016**, 1-20	0.9	5
45	A Visual Analytics Approach for What-If Analysis of Information Retrieval Systems **2016**,		4
44	Report on ECIR 2016. *ACM SIGIR Forum*, **2016**, 50, 12-27	0.9	2
43	The CLEF Monolingual Grid of Points. *Lecture Notes in Computer Science*, **2016**, 16-27	0.9	5
42	IR Scientific Data: How to Semantically Represent and Enrich Them **2016**, 66-71		
41	The PREFORMA Project: Federating Memory Institutions for Better Compliance of Preservation Formats. *Communications in Computer and Information Science*, **2016**, 86-91	0.3	1
40	Towards a Semantic Web Enabled Representation of DL Foundational Models: The Quality Domain Example. *Communications in Computer and Information Science*, **2016**, 24-35	0.3	2
39	The twist measure for IR evaluation: Taking user's effort into account. *Journal of the Association for Information Science and Technology*, **2016**, 67, 620-648	2.7	7
38	Descendants, ancestors, children and parent: A set-based approach to efficiently address XPath primitives. *Information Processing and Management*, **2016**, 52, 399-429	6.3	2
37	Rank-Biased Precision Reloaded: Reproducibility and Generalization. *Lecture Notes in Computer Science*, **2015**, 768-780	0.9	8
36	Comparing Methodologies **2015**,		2
35	A Methodology for Citing Linked Open Data Subsets. *D-Lib Magazine*, **2015**, 21,		12
34	Visual Analytics for Information Retrieval Evaluation (VAIR 2015). *Lecture Notes in Computer Science*, **2015**, 809-812	0.9	
33	VIRTUE: A visual tool for information retrieval performance evaluation and failure analysis. *Journal of Visual Languages and Computing*, **2014**, 25, 394-413		15

32	Measuring and Analyzing the Scholarly Impact of Experimental Evaluation Initiatives. *Procedia Computer Science*, **2014**, 38, 133-137	1.6	6
31	A linked open data approach for geolinguistics applications. *International Journal of Metadata, Semantics and Ontologies*, **2014**, 9, 29	0.6	3
30	Measuring Syntactic Distances between Dialects: A Web Application for Annotating Dialectal Data. *Procedia Computer Science*, **2014**, 38, 44-47	1.6	
29	CLEF 15th Birthday: What Can We Learn From Ad Hoc Retrieval?. *Lecture Notes in Computer Science*, **2014**, 31-43	0.9	9
28	A Visual Interactive Environment for Making Sense of Experimental Data. *Lecture Notes in Computer Science*, **2014**, 767-770	0.9	2
27	Digital Archives: Extending the 5S Model through NESTOR. *Communications in Computer and Information Science*, **2014**, 130-135	0.3	
26	The Evaluation Approach of IPSA@CULTURA. *Communications in Computer and Information Science*, **2014**, 147-152	0.3	
25	NESTOR: A formal model for digital archives. *Information Processing and Management*, **2013**, 49, 1206-1240	1.9	16
24	A curated and evolving linguistic linked dataset. *Semantic Web*, **2013**, 4, 265-270	2.4	5
23	PROMISE winter school 2013 bridging between information retrieval and databases. *ACM SIGIR Forum*, **2013**, 47, 46-52	0.9	
22	Keyword search and evaluation over relational databases **2013**,		2
21	Modeling Archives by Means of OAI-ORE. *Communications in Computer and Information Science*, **2013**, 216-227	0.3	4
20	Improving Ranking Evaluation Employing Visual Analytics. *Lecture Notes in Computer Science*, **2013**, 29-40	0.9	3
19	Empowering Archives through Annotations. *Communications in Computer and Information Science*, **2013**, 57-68	0.3	1
18	Formal Models for Digital Archives: NESTOR and the 5S. *Lecture Notes in Computer Science*, **2013**, 192-203	0.9	
17	An Open Source System Architecture for Digital Geolinguistic Linked Open Data. *Lecture Notes in Computer Science*, **2013**, 438-441	0.9	
16	Information retrieval failure analysis: Visual analytics as a support for interactive what-if investigation **2012**,		2
15	DIRECTions: Design and Specification of an IR Evaluation Infrastructure. *Lecture Notes in Computer Science*, **2012**, 88-99	0.9	12

14	PROMISE retreat report prospects and opportunities for information access evaluation. *ACM SIGIR Forum*, **2012**, 46, 60-84	0.9	8
13	Visual interactive failure analysis **2012**,		3
12	Cumulated Relative Position: A Metric for Ranking Evaluation. *Lecture Notes in Computer Science*, **2012**, 112-123	0.9	5
11	A System for Exposing Linguistic Linked Open Data. *Lecture Notes in Computer Science*, **2012**, 173-178	0.9	1
10	SIAR: A User-Centric Digital Archive System. *Communications in Computer and Information Science*, **2011**, 87-99	0.3	1
9	PROMISE Participative Research labOratory for Multimedia and Multilingual Information Systems Evaluation. *Communications in Computer and Information Science*, **2011**, 140-143	0.3	
8	Handling Hierarchically Structured Resources Addressing Interoperability Issues in Digital Libraries. *Studies in Computational Intelligence*, **2011**, 17-49	0.8	
7	FAST and NESTOR: How to Exploit Annotation Hierarchies. *Communications in Computer and Information Science*, **2010**, 55-66	0.3	3
6	The NESTOR Framework: How to Handle Hierarchical Data Structures. *Lecture Notes in Computer Science*, **2009**, 215-226	0.9	9
5	Access and Exchange of Hierarchically Structured Resources on the Web with the NESTOR Framework **2009**,		2
4	A Methodology for Sharing Archival Descriptive Metadata in a Distributed Environment. *Lecture Notes in Computer Science*, **2008**, 268-279	0.9	7
3	An Architecture for Sharing Metadata Among Geographically Distributed Archives **2007**, 56-65		3
2	Building a Distributed Digital Library System Enhancing the Role of Metadata		2
1	Data Citation and the Citation Graph. *Quantitative Science Studies*,1-46	3.8	3