

# Fabio Vitali

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6014389/publications.pdf>

Version: 2024-02-01

114  
papers

1,390  
citations

471061

17  
h-index

454577

30  
g-index

118  
all docs

118  
docs citations

118  
times ranked

782  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fourth generation hypermedia: some missing links for the World Wide Web. International Journal of Human Computer Studies, 1997, 47, 31-65.	3.7	123
2	Web information systems. Communications of the ACM, 1998, 41, 78-80.	3.3	113
3	Coordinating multiagent applications on the WWW: a reference architecture. IEEE Transactions on Software Engineering, 1998, 24, 362-375.	4.3	77
4	Semantic Web for the Legal Domain: The Next step. Semantic Web, 2016, 7, 213-227.	1.1	58
5	PageSpace: An architecture to coordinate distributed applications on the Web. Computer Networks, 1996, 28, 941-952.	1.0	51
6	The Document Components Ontology (DoCO). Semantic Web, 2016, 7, 167-181.	1.1	46
7	Toward support for hypermedia on the World Wide Web. Computer, 1997, 30, 62-70.	1.2	42
8	MetaLex XML and the Legal Knowledge Interchange Format. Lecture Notes in Computer Science, 2008, , 21-41.	1.0	41
9	Modelling OWL Ontologies with Graffoo. Lecture Notes in Computer Science, 2014, , 320-325.	1.0	36
10	The Live OWL Documentation Environment: A Tool for the Automatic Generation of Ontology Documentation. Lecture Notes in Computer Science, 2012, , 398-412.	1.0	33
11	Managing complex documents over the WWW: a case study for XML. IEEE Transactions on Knowledge and Data Engineering, 1999, 11, 629-638.	4.0	26
12	One Year of the OpenCitations Corpus. Lecture Notes in Computer Science, 2017, , 184-192.	1.0	26
13	Scholarly publishing and linked data. , 2012, , .		25
14	Enhancing Semantic Expressivity in the Cultural Heritage Domain. Journal on Computing and Cultural Heritage, 2017, 10, 1-21.	1.2	23
15	Versioning hypermedia. ACM Computing Surveys, 1999, 31, 24.	16.1	22
16	Tools for the Automatic Generation of Ontology Documentation. International Journal on Semantic Web and Information Systems, 2013, 9, 21-44.	2.2	21
17	Annotations with EARMARK for arbitrary, overlapping and out-of order markup. , 2009, , .		19
18	Research Articles in Simplified HTML: a Web-first format for HTML-based scholarly articles. PeerJ Computer Science, 0, 3, e132.	2.7	19

#	ARTICLE	IF	CITATIONS
19	Dealing with markup semantics. , 2011, , .		18
20	Using XML as a means to access legislative documents. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 2002, 10, 54-62.	0.5	18
21	Hypermedia on the Web. ACM Computing Surveys, 1999, 31, 31.	16.1	17
22	The Publishing Workflow Ontology (PWO). Semantic Web, 2017, 8, 703-718.	1.1	17
23	Evaluating Citation Functions in CiTO: Cognitive Issues. Lecture Notes in Computer Science, 2014, , 580-594.	1.0	17
24	Multi-layer Markup and Ontological Structures in Akoma Ntoso. Lecture Notes in Computer Science, 2010, , 133-149.	1.0	17
25	Towards the unification of formats for overlapping markup. New Review of Hypermedia and Multimedia, 2008, 14, 57-94.	0.9	16
26	Content cloaking. , 2010, , .		16
27	A first approach to the automatic recognition of structural patterns in XML documents. , 2012, , .		16
28	A Semantic Web approach to everyday overlapping markup. Journal of the Association for Information Science and Technology, 2011, 62, 1696-1716.	2.6	15
29	The aggregation of heterogeneous metadata in web-based cultural heritage collections: a case study. International Journal of Web Engineering and Technology, 2013, 8, 412.	0.1	14
30	An extensible rendering engine for XML and HTML. Computer Networks, 1998, 30, 225-237.	1.0	13
31	Wiki content templating. , 2008, , .		12
32	Dealing with structural patterns of <scp>XML</scp> documents. Journal of the Association for Information Science and Technology, 2014, 65, 1884-1900.	1.5	12
33	Semantic Annotation of Scholarly Documents and Citations. Lecture Notes in Computer Science, 2013, , 336-347.	1.0	12
34	From the writable web to global editability. , 2005, , .		11
35	Metrics, Explainability and the European AI Act Proposal. J, 2022, 5, 126-138.	0.6	11
36	Extending HTML in a principled way with displets. Computer Networks, 1997, 29, 1115-1128.	1.0	10

#	ARTICLE	IF	CITATIONS
37	Faceted documents. , 2012, , .		10
38	Recognising document components in XML-based academic articles. , 2013, , .		10
39	Towards accessible graphs in HTML-based scientific articles. , 2017, , .		10
40	UNDO: The United Nations System Document Ontology. Lecture Notes in Computer Science, 2017, , 175-183.	1.0	10
41	Reflecting on the Europeana Data Model. Communications in Computer and Information Science, 2013, , 228-240.	0.4	10
42	Active documents in XML. SIGWEB Newsletter: the Newsletter of ACM's Special Interest Group on Hypertext and Hypermedia, 1999, 8, 27-31.	0.5	10
43	Ontology-driven generation of wiki content and interfaces. New Review of Hypermedia and Multimedia, 2010, 16, 9-31.	0.9	9
44	Annotations with EARMARK in practice. , 2013, , .		9
45	Measuring the quality of diff algorithms: a formalization. Computer Standards and Interfaces, 2016, 46, 52-65.	3.8	9
46	Interfacing fast-fashion design industries with Semantic Web technologies. Web Semantics, 2017, 44, 37-53.	2.2	9
47	Rule-Based Structural Analysis of Web Pages. Lecture Notes in Computer Science, 2004, , 425-437.	1.0	9
48	High-quality pagination for publishing. Software - Practice and Experience, 2012, 42, 733-751.	2.5	8
49	Bridging the gap between tracking and detecting changes in XML. Software - Practice and Experience, 2016, 46, 227-250.	2.5	8
50	Structural Patterns for Descriptive Documents. Lecture Notes in Computer Science, 2007, , 421-426.	1.0	8
51	Towards markup support for full GODDAGs and beyond: the EARMARK approach. Balisage Series on Markup Technologies, 0, , .	0.0	8
52	Using semantic web technologies for analysis and validation of structural markup. International Journal of Web Engineering and Technology, 2011, 6, 375.	0.1	7
53	Political Roles Ontology (PRoles): Enhancing Archival Authority Records through Semantic Web Technologies. Procedia Computer Science, 2014, 38, 60-67.	1.2	7
54	From Philosophy to Interfaces: an Explanatory Method and a Tool Inspired by Achinstein's Theory of Explanation. , 2021, , .		7

#	ARTICLE	IF	CITATIONS
55	Modelling GDPR-Compliant Explanations for Trustworthy AI. Lecture Notes in Computer Science, 2020, , 219-233.	1.0	7
56	The Semantic Lancet Project: A Linked Open Dataset for Scholarly Publishing. Lecture Notes in Computer Science, 2015, , 101-105.	1.0	7
57	A Natural and Multi-layered Approach to Detect Changes in Tree-Based Textual Documents. Lecture Notes in Business Information Processing, 2009, , 90-101.	0.8	7
58	Managing semantics in XML vocabularies: an experience in the legal and legislative domain. , 0, , .		7
59	XML-Based Hypertext Functionalities for Software Engineering. Annals of Software Engineering, 2002, 13, 231-247.	0.5	6
60	Embedding semantic annotations within texts. , 2012, , .		6
61	Internet-Based Coordination Environments and Document-Based Applications: a Case Study. Lecture Notes in Computer Science, 1999, , 259-274.	1.0	6
62	Software engineering and the Internet. , 2000, , .		5
63	A Parametric Architecture for Tags Clustering in Folksonomic Search Engines. , 2009, , .		5
64	Crowdsourcing semantic content: A model and two applications. , 2010, , .		5
65	Moving in the Time: An Ontology for Identifying Legal Resources. Lecture Notes in Computer Science, 2008, , 71-85.	1.0	5
66	Workflow Enactment in a Social Software Environment. Lecture Notes in Business Information Processing, 2009, , 716-722.	0.8	5
67	Overapproaches in documents: a definitive classification (in OWL, 2!). Balisage Series on Markup Technologies, 0, , .	0.0	5
68	Generating User-Centred Explanations via Illocutionary Question Answering: From Philosophy to Interfaces. ACM Transactions on Interactive Intelligent Systems, 2022, 12, 1-32.	2.6	5
69	Combining shallow and deep learning approaches against data scarcity in legal domains. Government Information Quarterly, 2022, 39, 101715.	4.0	5
70	Visualizing Z Notation in HTML Documents. Lecture Notes in Computer Science, 1998, , 81-95.	1.0	4
71	Higher-level layout through topological abstraction. , 2008, , .		4
72	Legal metadata interchange framework to match CEN metalex. , 2009, , .		4

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73	Variants and Versioning between Textual Bibliography and Computer Science. , 2014, , .		4
74	Semantic Lenses as Exploration Method for Scholarly Articles. Communications in Computer and Information Science, 2014, , 118-129.	0.4	4
75	Visualizing Z notation in HTML documents. , 1998, , 81-95.		4
76	Towards Disambiguating Social Tagging Systems. , 2010, , 349-370.		4
77	Making Things Explainable vs Explaining: Requirements and Challenges Under the GDPR. Lecture Notes in Computer Science, 2021, , 169-182.	1.0	4
78	Designing a document-centric coordination application over the Internet. Interacting With Computers, 2001, 13, 677-693.	1.0	3
79	Zeri e LODE. Extracting the Zeri photo archive to linked open data: formalizing the conceptual model. , 2014, , .		3
80	Exploring Bibliographies for Research-related Tasks. , 2015, , .		3
81	Documents as Timed Abstract Objects. Balisage Series on Markup Technologies, 0, , .	0.0	3
82	Fighting Technical Complexity in Authoring E-Learning Material. , 2008, , .		2
83	Integration of legal datasets. , 2013, , .		2
84	Collaborative annotations in shared environments. , 2013, , .		2
85	RESTful services for an innovative e-Health infrastructure: A real case study. , 2014, , .		2
86	Topical tags vs non-topical tags: Towards a bipartite classification?. Journal of Information Science, 2015, 41, 486-505.	2.0	2
87	Use and Extension of ebXML Business Profiles for Textile/Clothing Firms. Lecture Notes in Computer Science, 2004, , 186-195.	1.0	2
88	Wiki Semantics via Wiki Templating. , 2010, , 329-348.		2
89	Handling Markup Overlaps Using OWL. Lecture Notes in Computer Science, 2010, , 391-400.	1.0	2
90	Latest Developments to LODE. Lecture Notes in Computer Science, 2012, , 417-420.	1.0	2

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91	Tools for the Automatic Generation of Ontology Documentation. , 0, , 839-865.		2
92	Experiences from declarative markup to improve the accessibility of HTML. Balisage Series on Markup Technologies, 0, , .	0.0	2
93	Where are your manners?. , 2009, , .		1
94	Legislative Drafting Systems. , 2012, , 133-151.		1
95	Constrained Wiki: The WikiWay to Validating Content. Advances in Human-Computer Interaction, 2012, 2012, 1-19.	1.8	1
96	Exploiting patterns and templates for technical documentation. , 2018, , .		1
97	Templating the Semantic Web via RSLT. Lecture Notes in Computer Science, 2015, , 183-189.	1.0	1
98	Building Citation Networks with SPACIN. Lecture Notes in Computer Science, 2017, , 162-166.	1.0	1
99	Tools for an Innovative Approach to Web Accessibility. Lecture Notes in Computer Science, 2022, , 97-115.	1.0	1
100	EXTERNAL ANCHORING FOR WIDE-AREA NETWORK SUPPORT: THE RHYTHM PROJECT. International Journal of Modern Physics C, 1994, 05, 769-783.	0.8	0
101	Providing hypertextual functionalities with XML. , 2000, , .		0
102	Technical Note XLinkProxy: external linkbases with XLink. New Review of Hypermedia and Multimedia, 2002, 8, 27-37.	0.9	0
103	Dynamic conversion between XML-based languages for vector graphics. , 2006, 6061, 204.		0
104	The next frontier of users' preferences. Interactions, 2006, 13, 38-39.	0.8	0
105	A total-fit page-breaking algorithm with user-defined adjustment strategies. , 2006, , .		0
106	New forms of Xanalogical storage and function. , 2009, , .		0
107	Simulating business processes with EPML.SIM. , 2009, , .		0
108	DIY eBooks: collaborative publishing made easy. Proceedings of SPIE, 2010, , .	0.8	0

#	ARTICLE	IF	CITATIONS
109	Of mice and terms. , 2010, , .		0
110	Analysing and Discovering Semantic Relations in Scholarly Data. Communications in Computer and Information Science, 2017, , 3-19.	0.4	0
111	Long-Term Preservation of Legal Resources. Lecture Notes in Computer Science, 2011, , 78-93.	1.0	0
112	Interfacing Fast-Fashion Design Industries with Semantic Web Technologies: The Case of Imperial Fashion. SSRN Electronic Journal, 0, , .	0.4	0
113	Multi-layered edits for meaningful interpretation of textual differences. , 2019, , .		0
114	Optimized Cartesian product: A hybrid approach to derivation-chain checking in XSD 1.1. Balisage Series on Markup Technologies, 0, , .	0.0	0